Application of Pennsylvania-American Water Company for Acquisition of the Wastewater Assets of Butler Area Sewer Authority ("BASA")

66 Pa. C.S. § 1329
Application Filing Checklist – Water/Wastewater
Docket No. A-2022-3037047

20. Proof of Compliance. Provide proof of compliance with applicable design, construction and operation standards of DEP or of the county health department, or both, including:

b. For **wastewater** system acquisitions, provide copies of the water quality management and National Pollution Discharge Elimination System (NPDES) permits for the utility plant.

RESPONSE:

b. Attached are copies of permits provided by Butler Area Sewer Authority and obtained through a PADEP file review as **Appendix A-20-b.** Given their age, the quality of some of the copies are poor, but with the cooperation and assistance of PADEP's Northwest Regional Office, PAWC has confirmed that we have obtained all NPDES and WQM permits related to the BASA system.

Count	Permit #	Type	Issue Date	Description
1	175	Sanitary Water Board, Sewerage Permit	11/23/1907	Butler Sewer System
2	547	Sanitary Water Board, Sewerage Permit	4/20/1937	Additions to Butler Sewer System
3	1112	Sanitary Water Board, Sewerage Permit	7/31/1912	Butler Outfall Sewer & Sewage Disposal Works
4	1173	Sanitary Water Board, Sewerage Permit	11/22/1912	Butler Sewage Disposal Works
5	1865	Sanitary Water Board, Sewerage Permit	10/26/1915	Time Extension for Butler Sewage Disposal Works
6	2354	Sanitary Water Board, Sewerage Permit	11/18/1918	Butler Sewer Extension for PA Housing Corporation
7	2498	Sanitary Water Board, Sewerage Permit	7/22/1920	Butler Sewer Extensions for Park View & College Hill Districts
8	2654	Sanitary Water Board, Sewerage Permit	6/27/1921	Time Extension for Butler Sewer Extension &Treatment Works
9	3165	Sanitary Water Board, Sewerage Permit	5/24/1923	Butler Sewer Extensions for First & Third Wards
10	3366	Sanitary Water Board, Sewerage Permit	6/18/1924	Butler Intercepting Sewers & Treatment Works
11	3444	Sanitary Water Board, Sewerage Permit	10/22/1924	Butler Sewer Extensions for Jefferson & Locust Streets
12	3569	Sanitary Water Board, Sewerage Permit	8/12/1925	Butler Intercepting & Outfall Sewers
13	3593	Sanitary Water Board, Sewerage Permit	12/23/1925	Butler Sewer Extensions for North Butler, Lyndora, Bredinville
14	3596	Sanitary Water Board, Sewerage Permit	12/23/1925	Butler Sewer Extension for First Ward
15	3633	Sanitary Water Board, Sewerage Permit	4/28/1926	Butler Sewage Treatment Works & Sewer System Extension
16	3676	Sanitary Water Board, Sewerage Permit	10/27/1926	Butler Sewer Extension for Ziegler, Hickory, Heim, Slagle & Pleasant View Avenues
17	3868	Sanitary Water Board, Sewerage Permit	8/17/1927	Butler Sewer Extension for Lyon Avenue
18	3983	Sanitary Water Board, Sewerage Permit	5/31/1928	Butler Sewer Extension for Alley between Fulton & Pearl Streets
19	4085	Sanitary Water Board, Sewerage Permit	11/26/1928	Butler Sewer Extension for Fulton & Pearl Streets
20	4158	Sanitary Water Board, Sewerage Permit	3/28/1929	Butler Sewer Extension for McKean & Cedar Streets
21	4161	Sanitary Water Board, Sewerage Permit	3/28/1929	Butler Sewer Extension for Woodrow Street in Lyndora
22	4365	Sanitary Water Board, Sewerage Permit	7/16/1930	Butler Sewer Extension for First Ward
23	4987	Sanitary Water Board, Sewerage Permit	1/24/1934	Improvements to Butler Sewage Treatment Works
24	6297	Sanitary Water Board, Sewerage Permit	7/3/1940	Butler Sewer Extension for North Monroe Street, Belmont Road & Charles Street
25	6387	Sanitary Water Board, Sewerage Permit	12/31/1941	Butler Sewer Extension for Belmont Road & Hanson Avenue
26	6475	Sanitary Water Board, Sewerage Permit	1/24/1934	Improvements to Butler Sewage Treatment Works
27	7429	Sanitary Water Board, Sewerage Permit	Illegible	Improvements to Butler Sewage Treatment Works to Provide Secondary Treatment
28	9480	Sanitary Water Board, Sewerage Permit	12/18/1959	Butler Sewer Replacement for Wilkins Avenue
29	1001414	WQM	5/13/2002	Sugar Creek Pump Station & Force Main
30	1003417	WQM	2/24/2004	Afton Lane Sewer Extension
31	1007401	WQM	4/6/2009	Pump Station & Force Main for Pullman Center Business Park
32	1009404A-1	WQM	5/18/2010	Construction of Diversion, Pumping and Storage Facilities
33	1011403	WQM	12/15/2011	Sullivan Run Interceptor Improvements
34	1013404	WQM	7/12/2013	Jefferson Street Syphon & Sewer Line Replacement
35	1068402	Sanitary Water Board, Sewerage Permit	2/28/1969	Sewer Extension for Westwood Manor Plan #3
36	1069407	Sanitary Water Board, Sewerage Permit	11/14/1969	Sewer Extension for Tower Hill Plan
37	1069411	Sanitary Water Board, Sewerage Permit	1/15/1970	Sewer Extension for Three Degree Road
38	1070204	Sanitary Water Board, Industrial Waste Permit	1/14/1971	Spang Industries, Inc. Industrial Waste Treatment Facility
39	1071404	WQM	10/22/1971	Center Township Sewer System & Sewage Treatment Plant
40	1072401	WQM	1/28/1972	Relief Sewer, Alameda Park Road
41	1072410	WQM	7/21/1972	Sewer Extension for Oak Hill Area
42	1072416	WQM	11/6/1972	Preston Whitestown Intercepting Sewer
43	1073411	WQM	7/16/1973	Sewer Extension for Alameda Commercial Park
44	1074404	WQM	1/7/1977	Modify & Expand Sewage Treatment Plant, Pump Stations, Interceptors & Collector Sewers
45	1075403	WQM	6/4/1975	Margate Village Sewage Treatment Plant
46	1075407	WQM	10/10/1975	Sewer Extension for Kendalwood Plan
47	1078406	WQM	9/1/1978	Sewer Extension for Codispot Plan
48	1079406	WQM	6/5/1979	Sewer Extension for September Drive
49	1079415	WQM	12/27/1979	Sewer Extension for Sherwood Hill Plan
50	1080405	WQM	7/1/1980	Sewer Extension for Rock Creek Plan
51	1080407	WQM	6/26/1980	Sewer Extension for Oak Hurst Plan No. 1
52	1080411	WQM	10/22/1980	Sewer Extension for Waites Estates Subdivision
53	1080413	WQM	8/19/1980	Sewer Extension for Meridian Highlands Plan
54	1086402	WQM	6/5/1986	Sewer Extension for Able Country View Townhouse Estates

55	1088407	WQM	12/9/1988	Sewer Extension for Timberidge Subdivision
56	1089403	WQM	9/7/1989	Sewer Extension for Benbrook Fields Subdivision
57	363S4	WQM	2/27/1963	Lewis Avenue Sewer of the Northwest Sanitary Sewer System Authority
58	363S4-T1	WQM	5/2/1973	Transfer of Lewis Avenue Sewer of the Northwest Sanitary Sewer System Authority
59	364S23	WQM	6/30/1964	Sewer Extension for Woodbury Estates, Northwest Sanitary Sewer System Authority
60	364S24	WQM	7/9/1964	Sewer Extension for Meadowood Plan, South Butler Township Sewer System Authority
61	364S23-T1	WQM	5/2/1973	Transfer of Sewer Extension for Woodbury Estates, Northwest Sanitary Sewer System Authority
62	364S24-T1	WQM	5/2/1973	Transfer of Sewer Extension for Meadowood Plan, South Butler Township Sewer System Authority
63	364S35-T1	WQM	3/30/1983	Sewer Extension for Lakewood Development
64	364S37	Sanitary Water Board, Sewerage Permit	12/16/1964	Sewer Extension for Holiday Inn (Motel)
65	365S002-T1	WQM	3/30/1983	Sewer Permit for Windward Heights Development, Center Township
66	365S21	Sanitary Water Board, Sewerage Permit	5/11/1965	Sewer Extension for the Hull Plan and Adjacent Territory
67	365S39	Sanitary Water Board, Sewerage Permit	1/24/1963	Allegheny Council, Boy Scouts of America Sewage Treatment Plant
68	366S021	Sanitary Water Board, Sewerage Permit	8/30/1966	Extension of Sanitary Sewer Lines to Serve City of Butler & Butler Township
69	366S2	Sanitary Water Board, Sewerage Permit	5/26/1966	Sewer Extension for Stratford Park Plan, Deshon Area Sanitary Disposal & Sewer Authority
70	367S002-T1	Sanitary Water Board, Sewerage Permit	3/30/1983	Transfer of Sewer Permit for Windward Heights Development, Center Township
71	367S011	Sanitary Water Board, Sewerage Permit	6/27/1967	Extension of Sanitary Sewer Lines to Serve Butler Township
72	367S024	Sanitary Water Board, Sewerage Permit	1/19/1968	Extension of Sanitary Sewer Lines to Serve Industry, Commercial Enterprises & Homes
73	368S007	Sanitary Water Board, Sewerage Permit	4/16/1968	Extension of Sanitary Sewer Lines to Serve City of Butler & Butler Township
74	368S025	Sanitary Water Board, Sewerage Permit	6/12/1968	Connequennessing Borough Waste Stabilization Lagoon & Collection System
75	368S026	Sanitary Water Board, Sewerage Permit	6/12/1968	Connequennessing Borough Waste Stabilization Lagoon & Collection System
76	368S027	Sanitary Water Board, Sewerage Permit	6/12/1968	Connequennessing Borough Waste Stabilization Lagoon & Collection System
77	4401S	Sanitary Water Board, Sewerage Permit	11/25/1930	Butler Sewer Extension for Ritts Subdivision
78	5658	Sanitary Water Board, Sewerage Permit	10/23/1943	Sewer Extension in Butler Township
79	6527	Sanitary Water Board, Sewerage Permit	10/26/1943	U.S. Army General Hospital Sewage Treatment Works
80	6560	Sanitary Water Board, Sewerage Permit	7/13/1943	Western Pennsylvania Tuberculosis Sanatarium Sewer System & Sewage Treatment Works
81	8430S	Sanitary Water Board, Sewerage Permit	1/8/1954	Sewer Extension in Butler Township
82	8640S	Sanitary Water Board, Sewerage Permit	6/21/1955	Sewer Extension in Butler Township
83	8655S	Sanitary Water Board, Sewerage Permit	7/29/1955	Sewer Extension in Butler Township
84	8708S	Sanitary Water Board, Sewerage Permit	12/14/1955	Sewer Extension in Butler Township
85	8756S	Sanitary Water Board, Sewerage Permit	4/2/1956	Sewer Extension in Butler Township
86	8786S	Sanitary Water Board, Sewerage Permit	7/6/1956	Sewer Extension in Butler Township
87	9151S-T1	WQM	9/27/1971	Sewer Extension on Route 68, Deshon Area Sanitary Disposal & Sewer Authority
88	9167S	Sanitary Water Board, Sewerage Permit	11/26/1958	Sanitary Sewers & Lift Station for Grand View Plan
89	9199S-T1	WQM	9/27/1971	Deshon Area Authority Sewage Treatment Plant
90	9418S	Sanitary Water Board, Sewerage Permit	11/4/1959	Sewer Extension in Butler Township for Butler Area Joint School & Lewis Avenue
91	9450S-T1	WQM	9/27/1971	Sewer Extension for Northwest Manor Plan, Deshon Area Sanitary Disposal & Sewer Authority
92	9565S	Sanitary Water Board, Sewerage Permit	3/29/1960	Sewer Extension for Sawmill Run Drainage Area, Deshon Area Sanitary Disposal & Sewer Authority
93	9671S	Sanitary Water Board, Sewerage Permit	8/1/1960	Deshon Sewage Plant Additions and Improvements
94	9814S-T1	WQM	5/2/1973	Sewer Extension on Meadowood, Graham Terrace & McQuistion Roads
95	9817S-T1	Sanitary Water Board, Sewerage Permit	7/3/1963	Sewer Extensions, Pumping Stations & Additions to Existing Sewage Treatment Plant
96	A-5635	Sanitary Water Board, Sewerage Permit	illegible (1929/30)	Sewer Extension in Butler Township
97	WQG028325	WQG	4/12/2011	Butcher Run Interceptor Improvement Project
98	1071401	WQM	3/22/1971	Sewer Extension for Crestmont Plan
99	1075408	WQM	3/25/1976	Sewer Extension for Dutchtown Village Plan
100	1076410	WQM	1/21/1977	Sewer Extension for Old Plank Manor
101	1079414	WQM	10/19/1979	Sewer Extension for Whethering Heights Plan
102	1080404	WQM	6/30/1980	Sewer Extension for Emrick Plan No. 2
103	1080406	WQM	6/30/1980	Sewer Extension for Baker Plan, Old Plank Road
104	1080412	WQM	10/6/1980	Sewer Extension and Pump Station for Southgate Subdivision
105	1074404A-1	WQM	7/25/2017	Modifications to Sewage Treatment Plant
106	1080405A-1	WQM	9/9/2019	Replacement of Rock Lick Pump Station
107	1022414	WQM	12/1/2022	Alameda Park Sewer Improvement Project

PERMIT 175

BUTLER SEWER SYSTEM

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 175

NUMBER 10.001 SE 02409-0693

Form 644

Nov. 7, 1907

Application Oct. 11, 1907 Page 650 No. 558 Name Butler 413133

Issued Nov. 23, 1907 Vol. 3/ No. 175 Place

Recorded Jan. 21, 1908 Vol. 257 Page 39 County

Report by No. Vol. File No. 547

Conditions and Stipulations	Disposition
FIRST: That on or before January first, nineteen hundred and eight, a complete map of the borough shall be prepared showing the existing sewers, their sizes and grades and also the same with respect to extensions of the system proposed all of which shall be filed in the office of the Commissioner of Health with a satisfactory report.	Plan & rept. of present sewer system filed Mar. 7-1908
SECOND: On or before January first, nineteen hundred and eight, the borough shall submit to the Commissioner of Health for approval detail plans and specifications and a report for sewage purification works for the treatment of the borough's sewage.	Plans for sewage disposal submitted May 5-1910. See permit July 31, 1912.
THIRD: This permit to extend the existing sewer system and to discharge the sewage therefrom into the waters of the State shall cease on the first day of January nineteen hundred and eight. If at that time the other terms of this permit shall have been complied with, then the Commissioner of Health will extend the time and fix a date to be unanimously agred upon by the Governor, Attorney General and Commissioner of Health on or before which the purification works shall be erected and put in commission, during which time the borough's sewage may continue to be discharged into the waters of the State.	
Furthermore, on submission of the plan of the borough sewer system herein called for and showing thereon the proposed sewer extensions of the comprehensive system, the Commissioner of Health will act upon the application for permission to make lateral sewer extensions in accordance with this plan from time to time, as necessity may require.	

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #175

NUMBER 10.001 SE 02409-0693

PERMIT 547

ADDITIONS TO BUTLER SEWER SYSTEM

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. #547

NUMBER 10.001 SE. 02409-0693

413136

#547

RECEIVED
JUN 11 1937
DISTRICT "C" OFFICE

To the Mayor and City Council of
Butler, Butler County
Pennsylvania

On August twenty-eighth, one thousand nine hundred and thirty-four an application was received in the Meadville Office of the Pennsylvania Department of Health from the city of Butler, Butler County, requesting a permit approving the construction of additions to the present sewer system of the city, the discharge from the proposed sewers to be into the city's sewage treatment works, the application relating to sewers in the Reeseville Section of the city with discharge into the Negley Alley high level sewer, to the Snyder Avenue sewer for relieving the Kerser Street

sewer, and for the replacement of an existing twenty-four inch section of the borough's outfall sewer with a new thirty inch sewer, the plans providing for carrying the thirty inch outfall sewer from the treatment works to a point below the dam of the American Rolling Mills Company and this outfall to be used in case of flood conditions; and on February seventeenth, one thousand nine hundred and thirty-six another application was received in the same office from the city of Butler requesting a permit for extensions comprising the reconstruction and extension of Cecelia Street sewer, a sewer in Brugh Avenue, and a sewer in Pleasant View Avenue; the applications having been made in accordance with the provisions of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined by the Bureau of Sanitary Engineering of the Department of Health which indicate that Butler has an existing sanitary sewer system and sewage treatment works serving the developed portions of the city; that the city, with federal financial assistance, has been constructing sewer extensions in that portion of the city known as the Hootsville Section; that in addition to these sewers the city desires approval of a sewer in Jackson Street to replace an existing six inch sewer constructed many years ago; also approval of a relief sewer in Snyder Avenue to relieve an existing sewer in Mercer Street and to permit abandonment of a part of the old sewer system

in the northwestern part of the city and the elimination of stream crossings of Sullivan Run which are believed to be responsible for undesirable infiltration to the sewer system; and that the city also desires to replace a previously constructed section of its thirty inch interceptor which was originally constructed as twenty-four inches and which is reported to be responsible for the back-flooding of cellars in the Jefferson - Race Streets district.

The study also shows that the city desires to construct and extend its Cecelia Street sewer, to construct a sewer in Brugh Avenue, and to construct a sewer and its related extensions in Pleasant View Avenue; that the proposed sewers and sewer extensions are of generally satisfactory design; will conform to the existing sewerage of Butler; will discharge their

sewage through the city's sewage treatment works; and that the proposed sewers and extensions can be approved.

The study further shows that the existing sewage treatment works of Butler do not provide a satisfactory degree of modification of the city's sewage; that the discharge of the city's treatment plant effluent into Butcher Run above the existing dam in Connoquenessing Creek resulted in well-founded complaints due to the use of water above the dam for cooling purposes in the rolling mills; that the carrying of the plant effluent to a point below the dam by means of a thirty inch interceptor or outfall sewer does abate the aforesaid unsatisfactory conditions above the dam but does not improve conditions in the stream below the dam; that several years ago the city with federal financial aid, in addition to carrying its outfall sewer below the aforesaid dam, constructed improvements to its sewage

treatment works to provide chemical coagulation of the city's sewage during the summer months; that the operation of this plant was not satisfactory; and that the city has recently employed a technically trained man to supervise the operation of the city's treatment works and to make a study of these works to determine what improvements are needed to produce a satisfactory effluent for disposal in Conneguenessing Creek.

The Bureau of Sanitary Engineering has recommended approval of the proposed sewerage and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on April twentieth, one thousand nine hundred and thirty-seven authorized the issuance of the permit recommended by the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given of the proposed sewers and sewer extensions as these are shown upon one untitled plan and fourteen plans bearing the general title "City of Butler" and the following sub-titles "Pleasant View Ave 8" Sanitary Sewer", "Profile of Locust St. Monroe St. to Cecelia St.", "Cecelia St. From Brady to Locust St. Spruce St From First to Third St. School St. from Locust to Spruce St", "Profile Brugh Ave. Walker Ave to S. Main St", "Cecelia St Sanitary Sewer System", "Coal St. Sanitary Sewer Root Ave. Sanitary Sewer", "10" Sanitary Sewer Along Solari Alley Sanitary Sewer Along William Flinn Highway", "10" Jackson Street Sanitary Sewer C.W.A. Labor", "Snyder Ave Sanitary Sewer", "30in Outfall Sewer","Thomas Ave. Sanitary Sewer Alley East of Thomas Ave - Sanitary Sewer", "Ridge Ave. Sanitary Sewer", "Cecelia St. Sewer

System", "Sewage Disposal Survey" and one plan entitled "10" Sanitary Sewer Roosevelt Boulevard City of Butler, Pa."; certain of the plans having been prepared by Fred H. Harper and H. O. Carson,and others not being designated as to the engineer; nine of the plans having been received in the Meadville Office of the Pennsylvania Department of Health on September twenty-sixth, one thousand nine hundred and thirty-four, one plan on December sixth, one thousand nine hundred and thirty-four, two plans on March second, two on February seventeenth, and two on November fourth, one thousand nine hundred and thirty-six; and a permit therefor is hereby issued to the city of Butler, Butler County, as proposed in the application, subject to the following conditions:

FIRST: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: During construction the herein approved sewers shall be so laid and such care and skill shall be exercised in their construction as will insure that they conform to the following requirements:

They shall have tight joints to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces with well-fitted joints.

They shall have adequate foundation

support by means of the natural soil, or by an approved especially prepared foundation of piling, concrete cradle, or encasement or otherwise as conditions require and shall be so back-filled that they will have proper structural stability, minimum settlement, and infiltration, and adequate protection against breakage.

To this end special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction. All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing or drying, or otherwise and the type and material of both sewer pipe and joint shall be so selected, as actual construction conditions make necessary, as to conform to the aforesaid requirements.

FIFTH: Manholes shall be placed and constructed as shown upon the herein approved plans except that if not already so provided they shall be placed on all sewers at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding six hundred feet or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the manhole structures shall be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIXTH: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SEVENTH: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system to determine the degree of preliminary treatment, if any, which is necessary before these wastes can be discharged to the said system. No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures, or the process of sewage treatment and all permits for industrial waste discharge should reserve to the city the right to require such further preliminary treatment as may be necessary, or the removal of the said industrial wastes from the sewers, if such further modification or removal be required to protect the public interests.

EIGHTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or

other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

NINTH: On or before December thirty-first of each year the city shall file in the office of the State Department of Health satisfactory record or detail plans showing the actual construction of all sewers and sewerage structures during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system, and no sewers or sewerage work shall be constructed except such as is herein approved or has been approved by a prior permit still valid.

TENTH: The city of Butler is hereby notified that the treatment of its sewage to the extent of efficient sedimentation and chlorination is insufficient to provide proper protection to Connoquenessing Creek during the low flow

periods and that it is a policy of the Sanitary Water Board to require such modifications of the city's existing treatment works as may be necessary to provide adequate protection of this stream. To this end the city shall engage a competent technically trained supervisor to operate its sewage treatment works and to simultaneously carry on such studies as are necessary to secure the highest degree of treatment practicable with the aforesaid existing treatment works and to determine what improvements in these works are necessary and practicable in order to provide the degree of treatment necessary for proper protection of Conneqquenessing Creek. The city shall expeditiously carry forward such studies and on or before August first, one thousand nine hundred and thirty-seven, shall submit to the Sanitary Water Board a report setting forth results of such studies and including a proposed program for placing

into effect the recommendations to be set forth in the aforesaid report.

ELEVENTH: The city of Butler shall also carry on a study to determine ways and means for reducing the flooding of the intercepting and connecting sewers and for reducing the infiltrated waters entering the sewers during times of heavy rainfall or higher stream stages and shall submit to the Sanitary Water Board on or before August first, one thousand nine hundred and thirty-seven a report thereon together with proposed remedies.

TWELFTH: If at any time the sewerage system of the municipality or any part thereof or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the

Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:

. . . . . .
Edith MacBride-Hunter, M.D.,
Secretary of Health,
Chairman.

Attest:

. . . . . .
J. R. Hoffert,
Civil Engineer,
Acting Secretary.

Harrisburg, Pennsylvania
April twentieth, one thousand
nine hundred and thirty-seven.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . day of . . . . . in the year one thousand nine hundred and thirty-seven, before me, the subscriber, a Notary Public, came the above named - - - - - - - - - - RUTH MACBRIDE-DEXTER - - - - - - - - and duly acknowledged the foregoing permit to be her act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public Lemoyne, Pa.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 547

NUMBER 10.001 SE 02409-0693

PERMIT 1112

BUTLER OUTFALL SEWER AND SEWAGE DISPOSAL WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 1112

NUMBER 10.001 SE. 02409-0693

Form 441 Jan. 15, 1908
July 27, 1909

Application May 4, 191[illegible] Page 311

Issued July 31st, 1912 Vol 20, No. 1106 Name [illegible]

Recorded Sept. 7, 1912 P.B. Vol 297 Page 87 No. 1114 Place 413155

Report by DEGREE Vol. County Butler

Conditions and Stipulations File No. 547

Disposition

In view of the foregoing circumstances, it has been unanimously agreed by the Governor, Attorney General and Commissioner of Health that the interests of the public health will be subserved by approving the plans for the proposed outfall sewer and sewage disposal works, and I do hereby and herein approve the same and issue a decree relative thereto, subject to the following conditions and stipulations:

FIRST: The borough shall prepare a plan of its existing sewer system and for extensions to the sewer system that are needed, showing the extensions in a comprehensive manner and shall submit such plan to the Commissioner of Health for approval on or before December 1st 1914. This plan shall show the existing sewer system and sewers required to afford facilities for the entire municipality and on said plan shall be indicated the size, material, location and grade of each sewer, together with the location of all manholes and flush tanks. Profiles of the existing and proposed sewers shall also be furnished.

See permit Oct. 28,1913 for ext'n of time.

SECOND: The plans for the sewage disposal works shall be re-devised so as to provide automatic dosing of the filters, a depth of filtering material of at least eight feet, apparatus for the dosing of the effluent with a germicide, and laboratory facilities, and plans showing the changes required shall be filed in the office of the Commissioner of Health on or before December 1st 1914, to be approved by the said Commissioner before the plant is built.

Plans filed Sept. 25,1912. See permit Nov. 11,1914. Plans amplifying the above filed by Mr. Rose, Consulting Engr. Mar. 4, 1914.

THIRD: The sewage disposal site herein proposed is hereby approved but the plant shall be located at a sufficient elevation to [illegible] it beyond the danger of inundation. The plans showing the changes required in the plant in order to effect this shall be prepared and filed on or before December 1st, 1914, to the Commissioner of Health.

Plans filed Sept. 25, 1912. See also under 2nd and 3rd.

[illegible] See permit Nov. 11, 1913. See permit Oct. 28,1913 for ext'n of time.

Conditions and Stipulations

413156

missioner of Health to this effect, and provided that the other terms of this permit shall have been complied with, then the Governor, Attorney General and Commissioner of Health, may extend the time during which the sewage of Butler borough may continue to be discharged into State waters and fix a date when the borough shall have erected the trunk sewer and sewage disposal works.

FIFTH: The borough shall provide ways and means to eliminate roof and storm water from the sewer system and put the same into substantial effect on or before the completion of the construction of the sewage disposal works.

Borough has an ordinance to this effect which is vigilantly enforced. (See letter Nov. 26,1912)

The local authorities are advised to plan to take in the sewage of the outlying districts and to include these plans in the comprehensive sewer system hereinbefore called for to be submitted to the State Department of Health for approval on or before Dec. 1st 1914.

This permit, etc.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 1112

NUMBER 10.001 SE 02409-0693

PERMIT 1173

BUTLER SEWAGE DISPOSAL WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. # 1173

NUMBER 10.001 SE. 02409-0693

rm 444

Application Sept.25,1912 (Plans) No. 1847 Name Butler 413159

Issued Nov. 22/12 Page 595 Vol. 20/ No. 1173 Place Butler

Recorded Dec.16,1912 Vol. Deed Book 300 Page 95 County Butler

Report by No. Vol. File No. 547

Conditions and Stipulations

Disposition

App. for ext. of time for discharge of sewage - Nov. 26,1912.

In view of all the circumstances, it has been unanimously agreed and determined by the Governor, the Attorney General and Commissioner of Health that the interests of the public health will be subserved by approving the revised plans of September twenty-fifth, Nineteen hundred and twelve for the sewage disposal works and I hereby and herein approve the same and issue a permit therefor, subject to all the relevant conditions and stipulations of the permit issued by the Commissioner of Health to the said borough of Butler, July thirty-first, Nineteen hundred and twelve.

TO BE RECORDED.

413160

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #1173

NUMBER 10.001 SE 02409-0693

PERMIT 1865

TIME EXTENSION FOR BUTLER SEWAGE DISPOSAL WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMI # 1865

NUMBER 10.001 SE 02409-0693

Application Nov. 26, 1912 No. 1915 Name Butler 413162

Issued Oct. 26, 1915 Page 338 Vol. 26/ No. 1865 Place

Recorded Nov. 16, 1915 Deed Bk. Vol. 326 Page 174 County Butler

Report by Stocker-Eng. Study No. 2180 Vol. 66 File No. 547

Conditions and Stipulations | Disposition

* * * * * * made application for an extension of time within which to comply with the provisions of permits relative to sewerage issued to the borough on July 31 and Nov. 22, 1912, in accordance with the provisions * * * * * * * * * * * *

The statements in the application have been checked and verified by the Engineering Division of the Dept. of Health against the physical conditions prevailing in the borough. Upon completion of this investigation a comprehensive study of the question was made by the Commissioner of Health and by the Chief Engineer of the Dept. of Health from a point of view of the present and future needs of the borough.

Whereupon, the Governor, Attorney General and Commissioner of Health after reviewing and considering the matter have unanimously agreed that the general interests of the public health would be subserved by granting an extension of time within which to comply with the provisions of the former permits relative to sewerage.

Therefore, I, Samuel G. Dixon, Commissioner of Health of the Commonwealth of Penna. do hereby and herein grant an extension of time for carrying out the provisions of the former permits relative to sewerage and for the discharge of sewage into State waters, and issue a permit therefor, subject to the following conditions:

FIRST: This permit for an extension of time for the discharge of sewage, untreated, into State waters is issued under all relevant conditions and stipulations of prior permits and decrees issued to the borough of Butler, approving extensions to the existing sewer system and plans for sewage treatment works. The borough shall proceed with its plans for a comprehensive sanitary sewer system for the entire municipal area, together with such tributary areas as would naturally form a part of the municipal sewer system. These plans, indicating the size, location, materials of construction and grades of all proposed sewers, together with similar information concerning the existing sewer system of the borough, shall be submitted to the State Dept. of Health for approval within 6 months from the date of this permit.

Letter 6/1/16 from boro. eng. H.O. Carson promises these plans & modified treatment plans by Oct. 1, 1916. Our letter 6/5/16 ack. above & hopes time may be anticipated. Comprehensive plans filed Jan. 3/21 not complete. See letter Feb. 24/21/

Conditions and Stipulations

Disposition

SECOND: On or before Oct.1,1916, the borough of Butler shall undertake the construction of the outfall sewer, the sewage pumping station and sewage treatment works, and the works, after commencement of construction, shall be completed at the earliest possible date. Should the borough desire to modify the details of the outfall sewer, sewage pumping station or sewage treatment works, plans for such modification shall be submitted to the State Dept. of Health for approval sufficiently in advance of the date set for beginning construction of the works to admit of the approval or modification of the plans.

Letter Mar.30,1916 inquires as to actiontaken to ful - fill requirements of this permit. See note opposite first cond.

413163

THIRD: This permit for the discharge of sewage, untreated, into waters of the State, shall cease on Oct. 1, 1916, provided that if the borough of Butler shall have complied with the other terms of this permit, the State, upon proper application by the borough authorities, will grant a further short extension of time to allow for the construction and completion of the sewage treatment works herein required. The borough's attention is directed to the fact that this permit does not approve the construction of additional sewer extensions to its existing municipal sewer system. Should such extensions be required prior to the time set for the construction of the sewage treatment works, the borough shall first obtain a permit from the State for its construction, as required by law, and with the application for the permit shall submit evidence to show the immediate necessity of such sewer construction.

TO BE RECORDED.

413164

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. # 1865

NUMBER 10.001 SE 02409-0693

PERMIT 2354

BUTLER SEWER EXTENSION FOR PA HOUSING CORPORATION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 2354

NUMBER 10.001 SE 02409-0693

Form 444

Rec'd. Oct.31,1918
Application Oct. 14, 1918 No. 522 Name

Issued Nov.18,1918 Vol. 32 Deed Bk. No. 2354 Place Butler

Recorded July 30,1919 Vol. 362 Page 97 County Butler

Report by Emerson No. 2798 Vol. 90 File No. 547.

Conditions and Stipulations Disposition

* * * * * for approval of plans for sanitary sewers to be constructed in the southern portion of the city to provide sewerage facilities for houses being erected by the United States Housing Corporation, in accordance with * * * *

The statements on the plans * * * * *

Whereupon, the Governor, Attorney General and Commissioner of Health, after reviewing and considering the matter, have unanimously agreed that the general interests of the public health will be subserved by approving the plans for sanitary sewer extensions to provide sewerage facilities for dwellings being erected by the United States Housing Corporation.

Therefore, I, B. Franklin Royer, Acting Commissioner of Health of the Commonwealth of Penna., hereby and herein approve the plans for sanitary sewers to be installed to provide sewerage facilities for houses being erected by the United States Housing Corporations, and issue a permit therefor, subject to the following conditions:

FIRST: All relevant conditions and stipulations of former permits and decrees issued to the city of Butler relative to sewerage shall remain in full force and effect.

SECOND: No roof or other storm water shall be admitted to the system herein approved. The sewers shall be used as carriers of sanitary sewage only.

THIRD: During construction of the sewers proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum.

FOURTH: Suitable inspection manholes shall be placed at all intersections, changes of line or grade, at the summit ends of all sewers and on straight lines at sufficiently frequent intervals to admit of proper inspection and cleansing of the sewers.

FIFTH: The works shall be constructed under competent inspection and expert engineering supervision and in accordance with the plans as herein approved or amended.

(OVER)

413167

SIXTH: No pathogenic material from any laboratory shall be discharged into the sewer system. The proper authorities shall cause such wastes to be destroyed on the premises.

TO BE RECORDED IN BUTLER COUNTY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #2354

NUMBER 1D10015E 02409-0693

PERMIT 2498

BUTLER SEWER EXTENSIONS FOR PARK VIEW AND COLLEGE HILL DISTRICTS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 2499

NUMBER 10,001 SE. 02409-0693

Recd Nov. 28, 1919--Nov. 26, 1919 3674

Rec. Jan. 24, 1920

Application Jan. 13, 1920 No. 3696 Name

Issued July 22, 1920 Vol. 36 No. 2498 Place Butler

Recorded Aug. 10-20 Deed Bk. Vol. 376 Page 279 County Butler 413170

Report by Siebert No. 2938 Vol. 96 File No. 547

Conditions and Stipulations Disposition

* * * * for approval of plans for sewer extensions, in accordance with * * * *

The plans and other data * * * *

The Governor, the Attorney General and the Commissioner of Health after reviewing and considering the report of the field inspection and study of the Chief Engineer have unanimously agreed that the general interests of the public health will be subserved by approval of the sewer extensions under certain conditions.

Approval is therefore hereby given of the sewer extensions, as shown on three blue prints without titles but numbered 22,44 and 46, showing streets and sewers in the Park View District, accompanied by four sheets of profiles numbered 28, 29, 30 and 31, bearing various dates, and signed by H.O.Carson, City Engineer, and received in the office of the State Dept.of Health on May 17,1920; and also a second folio of blue prints of two sheets without titles and numbers, showing streets and sewers in the College Hill District, accompanied by 9 sheets of profiles numbered 54 to 62, inclusive, bearing various dates and signed by H.O.Carson, City Engineer, and received in the office of the State Dept.ofHealth on June 24, 1920, and a permit issued subject to the following conditions:

FIRST: All relevant conditions and stipulations of former permits and decrees issued to the city of Butler relative to sewerage shall remain in full force and effect.

SECOND: No roof or other storm water shall be admitted to the existing or proposed sewers.

THIRD: During construction of the sewers proper care shall be taken to secure tight joints in order that the infiltration of ground water may be reduced to a minimum.

FOURTH: No pathogenic material from any laboratory shall be discharged into the sewer system. The proper authorities shall cause such wastes to be destroyed on the premises.

OVER

Conditions and Stipulations

Disposition

413171

FIFTH: The approval of the sewer extensions herein granted is subject to their proper maintenance by repair when necessary and by keeping them free from deposits by flushing or other means of cleansing in order that they may at all times afford a proper means for the prompt removal of sewage.

SIXTH: On or before Oct.31,1920, the city of Butler shall submit to the State Dept.of Health for approval general plans for the collection and treatment of the sewage of the entire city. These plans need not be in detail, but should show the alignment and profiles of proposed trunk sewers, an available and proper site of sufficient size for sewage treatment works so located that it will not be affected by floods and general location of the various units of the proposed sewage treatment works.

Extension of time granted until 2/1/21 See letter 12/4/20 Comprehensive plans of entire sewer system and plans here required filed Jan. 3/21 ext. complete. See letter Feb.24/21.

SEVENTH: Permission is granted to the city of Butler to discharge untreated sewage into the waters of the State until Dec.31,1920, provided, however, that if on that date the terms of this permit shall have been fulfilled and the interests of the public health permit, upon proper application by the city there may be granedan extension of time during which sewage may continue to be discharged into the waters of the State.

EIGHTH: If at any time the sewer system or any part thereof, or the discharge of sewage therefrom, shall have become a menace or prejudicial to public health, the municipality shall forthwith adopt such remedial measures as the State Dept.of Health may advise or approve.

The city of Butler is informed that it is the policy of this Dept. in sewer design that a sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, change of line and grade and on straight lines at intervals depending upon the size and grade of the sewer. The maximum allowable distance between manholes measured along the line of the sewer shall be 600 feet. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

Furthermore, plans of sewers submitted to this Dept. with applications for approval should show confirmed or established curb elevations, or the elevation of the surface of the street on the line of the sewer where there is no confirmed or established city plan in order that there may be shown the relation between the elevation of the sewer and the elevation of the street surface is sufficient.

Form 644

Application No. Name

Issued July 22, 1920 Vol. No. Place Butler

Recorded Vol. Page County Butler 413172

Report by No. Vol. File No.

Conditions and Stipulations Disposition

Card No. 2

The city of Butler is also informed that it is the intention of the State Dept.of Health to require at least preliminary treatment of sewage by all municipalities in the state now discharging untreated sewage into the Beaver River or its tributaries at points above the intake of water-works supplying the public.

TO BE RECORDED IN BUTLER COUNTY

413173

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 2498

NUMBER 10.001 SE 02409-0693

00981949

ER-BWQ 271 (2-80)

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 2498

Bureau of Water Quality Management

00981950

SEWERAGE APPLICATION

NAME Butter City PLACE COUNTY Butter

APPLICATION NO 3674 DATED Nov 26/19 RECEIVED Nov 28/19

REQUEST Approval of plans for sewer system in Park View Sewer District

ASSIGNED TO Siebert DATE 12/ FILE INSPECTION DATE

REPORT BY DATED SUBMITTED TO CHIEF

RECOMMENDATIONS GRANTING APPROVAL OF

WITHHOLDS APPROVAL OF

ENGINEER'S STUDY NO 2938 DATED 12/18/19

SENT TO COMMISSIONER RETURNED, [illegible] GOV. & ATTY GENL.

PERMIT DATED SENT TO COMMISSIONER

RETURNED FROM COMMISSIONER MAILED TO

DATE

REMARKS

KEEP THIS MEMO ATTACHED TO APPLICATION

00981951 Butler

Butler Pub.

NAME Butler

3696 Jan. 23/20 Jan. 24/1920

RE USE: Approval of plans for sewers in

Cottage Hill Section.

ASSIGNED TO Siebert 2/16/20

REPORT BY

RECOMMENDATION

LITHOED

6/15/20

2938

SENT TO CONTRACTOR

PERMIT

RETURNED

DATE

DIR

PERMIT 2654

TIME EXTENSION FOR BUTLER SEWER EXTENSION AND TREATMENT WORKS

413174

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT.# 2654

NUMBER 10.001 SE 02409-0693

Form 444 Recd. Dec. 31, 1920 "A" - 3839
Dec. 30, 1920 "B" - [redacted]0
Rec'd [redacted]n. 3, 1921 No. Name
Application December 30, 1920 Place Butler 413175
Issued June 27, 1921 Vol. 37 No. 2354 County Butler
Recorded July 8, 1921 Deed Book Vol. 384 Page 153 File No. 547
Report by Siebert No. 3088 Vol. 102 Disposition

Conditions and Stipulations

requesting approval of plans of a comprehensive sewer system and for extension of time for the discharge of untreated sewage into the waters of the State, respectively.

The plans and other data submitted***

The Governor, the Attorney General and the Commissioner of Health, after reviewing and considering the report of the field inspection and study of the Chief Engineer, have unanimously agreed that the general interests of the public health will be subserved by approval of plans of a comprehensive sewer system and for extension of time for the discharge of untreated sewage into the waters of the State under certain conditions.

Approval is hereby given of the existing sewers, the proposed tentative project for conveying the sewage of Butler from the end of the existing intercepting sewer to treatment works and a proposed site for erection of sewage treatment works, as shown on four folios of blue prints, the top sheet of each folio being entitled, "City of Butler, Index Sheet of Butler Sewer Map", dated December 11, 1920, bearing the name of H. O. Carson, Engineer, and received in the office of the State Department of Health on January 3, 1921, and also by granting permission for the discharge of untreated sewage into the waters of the State, and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions and stipulations of sewerage permits previously issued to the city of Butler shall be continued in full force and effect.

SECOND: On or before September 30, 1921 the city of Butler shall submit to the State Department of Health for approval complete plans of the proposed outfall sewer to discharge the sewage of the entire city to the herein approved site for sewage treatment works.

THIRD: On or before March 31, 1922, the city shall submit to the State Department of Health for approval, complete plans of the proposed pumping station, Imhoff tanks, sludge beds and appurtenant structures. These plans shall be complete in every respect, showing the types and capacities of pumping equipment

Disposition

Conditions and Stipulations

413176

and all other mechanical accessories.

FOURTH: Permission is granted to the city of Butler to discharge untreated sewage into the waters of the State until March 31, 1922, provided, however, that if on that date the terms of this permit shall have been fulfilled and the interests of the public health permit, upon proper application by the city there may be granted such an additional extension of time for the discharge of untreated sewage as may then be deemed necessary by this Department for the construction of the proposed trunk sewer and sewage treatment works.

FIFTH: If at any time the sewer system or any part thereof, or the discharge of sewage therefrom shall have become a menace or prejudicial to public health, the municipality shall forthwith adopt such remedial measures as the State Department of Health may advise or approve.

TO BE RECORDED.

413177

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #2654

NUMBER 10.0.0 L SE 02409-0693

ER-BWQ 271 (2-80)

00981952

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 2654

Bureau of Water Quality Management

PUBLIC SEWERAGE) APPLICATION
PRIVATE WATER WORKS)

Butler

NAME City of Butler
LETTERS "A" - 3839
APPLICATION NO "B" - 3840

Dec. 30/20 Dec. 31/20
Dec. 30/20 Jan. 3/21

REQUEST "A" - Approval of plans for comprehensive system.
"B" Ask extension of time

PLANS RECEIVED

ASSIGNED TO Siebert 1/12/21

REPORT BY

RECOMMENDS GRANTING APPROVAL OF

WITHHOLDS APPROVAL OF

ENGINEER'S STUDY NO. 3088 DATED 5/5/21

SENT TO COMMISSIONER RECEIVED, SIGNED BY GOV. & P. SEC'L.

PERMIT DATED June 27, 1921 SENT TO COMMISSIONER 6-27-21

RETURNED FROM COMMISSIONER 6-29-21 FILED C. J. Clause

DATE 6-29-21

REMARKS —

KEEP THIS MEMO ATTACHED TO APPLICATION

PERMIT 3165

BUTLER SEWER EXTENSION FOR FIRST AND THIRD WARDS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 3165

NUMBER 10001 SE 02409- 0693

#3165

#3165

413179

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER CO.
APPLICATION #4384

January 4, 1923.

On November 29, 1922, the City of Butler made application for approval of construction of extensions to the city sewer system in the first ward and in the third ward as shown on seven blue prints received on November 23, 1922, as supplemented and amended by three blue prints received on December 11, 1922.

On June 27, 1921, a sewerage permit was issued to the City of Butler approving plans of a comprehensive sewer system and for extension of time for the discharge of untreated sewage into waters of the State. The second condition of this permit required that, on or before September 30, 1921, the City of Butler should submit to this Department for approval complete plans of a proposed outfall sewer to discharge the sewage of the entire city to the site approved for sewage treatment works. The third condition of this same permit required that, on or before March 31, 1922, the City should submit, for approval, complete plans

of the proposed pumping station, Imhoff tanks, sludge beds and appurtenant structures. The fourth condition of this permit extended the time for permission to discharge untreated sewage until March 31, 1952, subject to the other terms of the permit and also stipulated that additional extension of time, sufficient for construction of the proposed trunk sewer and sewage treatment works, might be granted upon application by the City.

At the general election on November 7, the voters of the city of Butler approved a bond issue of $400,000 to finance the construction of trunk and intercepting sewers and sewage treatment works. The City has employed a consulting engineer to make a complete study of the sewerage requirements of the City and to prepare plans of a system of relief sewers, trunk sewers, intercepting sewers and sewage treatment works. Being so committed to a program of actual construction of a proper system for collection and treatment of the sewage of the entire city, it would seem just that this Department approve extension of the sewer system in the city to provide sewerage facilities for certain districts where sanitary conveniences are now lacking.

413181

The propcsed extensions to the sewer system, herein considered, comprise a 10" sewer beginning at a manhole on the present 12" main sewer on the land of the Standard Plate Glass Company, thence by Rockenstein Way and private right of way through property of the Standard Plate Glass Company to the intersection of Ziegler Avenue and Heim Avenue, a 6" sewer on Ziegler Avenue between Pleasantview Avenue and unnamed alley west of Heim Street, an 8" sewer on Hickory Street between Heim Avenue and Slagle Avenue with a short 6" spur west of Heim Avenue, an 8" sewer on Heim Avenue between Ziegler Avenue and alley extending from Maple Avenue, an 8" sewer on Pleasantview Avenue between Hickory Street and alley south of Maple Avenue, an 8" sewer on Slagle Avenue between Hickory Street and Maple Avenue, and an 8" sewer on Hazel Avenue between Sullivan Avenue and the creek two squares distant.

The plans of the proposed extensions to the sewer system of the City of Butler have been carefully examined and it appears that they have been designed to conform to the standards of this Department as to capacity, materials, depth, grades and location of manholes and lampholes. They should prove a benefit to the public and it is believed

that they will function properly. The sewers to which the proposed extensions will contribute appear to be of sufficient carrying capacity to receive the additional sewage.

Even though the present discharge of untreated sewage from the City of Butler produces a very decided nuisance and contributes in great part to the serious contamination of the Connoquenessing Creek and the Beaver River, it is believed that a greater benefit to the public will result through the early construction of these extensions than would result from preventing the additional sewage of these districts from entering the streams.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler approving extensions to its sewer system in the first and third wards, as shown on eight blue prints respectively entitled: "City of Butler, Proposed Sewers on Ziegler, Hickory, Heim, Hazel and Pleasantview Ave.", "City of Butler, Profile of Hickory St.", "City of Butler, Sewer Profile of Hazel Ave.", "Main Sewer through Plate Glass Company", "City of Butler, Profile Pleasant View Ave.", "City of Butler, Profile Heim Ave.", "City of Butler, Profile Ziegler Ave." and "City of

Butler Profile Slagle Ave., Profile Ashland Ave.", the plans being variously dated, all bearing the name of Fred M.Harper, City Engineer, the first three plans received in the office of the State Department of Health on December 11, 1922, and the last five received on November 23, 1922, subject to standard conditions Nos. 1, 2, 3, 10 and 11 and the following special conditions:

1. The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of Engineering, etc.

The attitude of the State Department of Health toward the present unlawful discharge of untreated sewage from the City of Butler to waters of the State will be determined by its continued good faith in complying with the conditions of this permit and of the permit of June 27, 1921, and the City is hereby notified that it is expected by the State Department of Health to proceed as expeditiously as possible in construction of intercepting sewers and sewage treatment works according to detail plans to be approved by said Department.

Respectfully submitted,

Christian L. Siebert
District Engineer

D3le

413184

To the City Council of
Butler, Butler County,
Pennsylvania.

On November twenty-ninth, one thousand nine hundred and twenty-two, an application was received from the city of Butler, Butler County, requesting approval of plans for extensions to the public sewer system in the First Ward and the Third Ward, respectively, in accordance with the provisions of the Act of Assembly approved April twenty-second, one thousand nine hundred and five, entitled, 'An Act to Preserve the Purity of the Waters of the State, for the Protection of the Public Health'.

The plans and other data submitted with the application have been examined by the Engineering Division of the State Department of Health. The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended the issuance of a permit under certain conditions and stipulations deemed necessary from the point of view of the present and future needs of the city of Butler and the general interests of the public health.

The Governor, the Attorney General and the Commissioner of Health, after reviewing and considering the report and study of the Chief Engineer of the State Department of Health, have unanimously agreed that the general interests of the public health will be subserved by approving plans for extensions to the public sewer system in the First Ward and Third Ward, respectively, under certain conditions.

Approval is therefore hereby granted for extensions to the public sewer system in the First Ward and Third Ward, respectively, as shown on eight blue prints, entitled, "City of Butler, Proposed Sewers on Meigler, Hickory, Helm, Siegel and Pleasantview Ave.", "City of Butler, Profile of Hickory St.", "City of Butler, Sewer Profile of Hazel Ave.",

"Main Sewer through Plate Glass Company", "City of Butler, Profile Pleasant View Ave.", "City of Butler, Profile Heim Ave.", "City of Butler, Profile Zeigler Ave." and "City of Butler Profile Slagle Ave., Profile Ashland Ave.", the plans being variously dated, all bearing the name of Fred M. Harper, City Engineer, the first three plans received in the office of the State Department of Health on December eleventh, one thousand nine hundred and twenty-two, and the last five received November twenty-third, one thousand nine hundred and twenty-two, as proposed in the application, and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the State Department of Health and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order

to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

The attitude of the State Department of Health toward the present unlawful discharge of untreated sewage from the city of Butler to waters of the State will be determined by its continued good faith in complying with the conditions of this permit and of the permit of June twenty-seventh, one thousand nine hundred and twenty-one, and the city is hereby notified that it is expected by the State Department of Health to proceed as expeditiously as

possible in construction of intercepting sewers and sewage treatment works according to detail plans to be approved by said Department.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of engineering, et cetera.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

COMMISSIONER OF HEALTH.

Harrisburg, Pennsylvania,
May twenty-fourth, one thousand
nine hundred and twenty-three.

ISSUED UPON THE RECOMMENDATION OF THE
BUREAU, [illegible] THE COMMISSIONER OF HEALTH.

413189

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-three, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - CHARLES H. MINER - - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

Form 1444

Application Rec'd November 29, 1922 / November 28, 1922 No. 4364 Name

Issued May 24, 1923 Vol. 123 No. 3165 Place Butler

Recorded Vol. Page County Butler

Report by Siebert No. 3621 Vol. 123 File No.

Appendix A-20-b

413190

Conditions and Stipulations

Disposition

***requesting approval of plans for extensions to the public sewer system in the First Ward and Third Ward, respectively, ***

The plans and other data submitted***

The Governor, the Attorney General and the Commissioner of Health, after reviewing and considering the report and study of the Chief Engineer of the State Department of Health, have unanimously agreed that the general interests of the public health will be subserved by approving plans for extensions to the public sewer system in the First Ward and Third Ward, respectively, under certain conditions.

Approval is therefore hereby granted for extensions to the public sewer system in the First Ward and Third Ward, respectively, as shown on eight blue prints, entitled, "City of Butler, Proposed Sewers on Zeigler, Hickory, Heim, Slagel and Pleasantview Ave.", "City of Butler, Profile of Hickory St.", "City of Butler, Sewer Profile of Hazel Ave.", "Main Sewer through Plate Glass Company", "City of Butler, Profile Pleasant View Ave.", "City of Butler, Profile Heim Ave.", "City of Butler, Profile Zeigler Ave." and "City of Butler Profile Slagle Ave., Profile Ashland Ave.", the plans being variously dated, all bearing the name of Fred H. Harper, City Engineer, the first three plans received in the office of the State Department of Health on December 11, 1922, and the last five received November 28, 1922, as proposed in the application, and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the State Department of Health and receive written approval thereof.

413191

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

The attitude of the State Department of Health toward the present unlawful discharge of untreated sewage from the city of Butler to waters of the State will be determined by its continued good faith in complying with the conditions of this permit and of the permit of June 27, 1921, and the city is hereby notified that it is expected by the State Department of Health to proceed as expeditiously as possible in construction of intercepting sewers and sewage treatment works according to detail plans to be approved by said Department.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 25, 1921, regulating the practice of the profession of engineering, etc.

TO BE RECORDED.

413192

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3165

NUMBER 10.001 SE 02409-0693

Appendix A

ER-BWQ 271 (2-80)

00981954

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3165

Bureau of Water Quality Management

PENNA DEPT. OF HEALTH
ENGINEERING DIVISION
Form 007
Rec'd NOV 29 1922
Refd to Warren 12/2
Hoffman, 12/4
Siebert

Your atten.
Reply direct
Prp. rep. for
Report to
From
Your inf'm
Note & file
File N.S.

54
S

(11611-d384)

00981955

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
ENGINEERING DIVISION

Application relative to MUNICIPAL SEWERAGE

(Name of municipality)

(Date)

N. S.

To the Commissioner of Health, Harrisburg, Pa.

Dear Sir:—

In accordance with the Act of Assembly, entitled "An Act to Preserve the Purity of the Waters of the State for the Protection of the Public Health," approved April 22nd, 1905, P. L. 260, the public authorities having by law charge of the sewer system of [illegible] (Name of municipality) in [illegible] Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for [illegible] (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail) First present twelve inch (12") main sewer on the south [illegible] Glade Company; thence by manhole and [illegible] eight inch (8") sewer through lands of the Standard Plate Glass Company to the intersection of Ziegler Avenue and Main Avenue; also a six inch (6") [illegible] Ziegler Avenue from said manhole; also an eight inch (8") sewer running south on Main Avenue from aforesaid manhole; also an eight inch (8") sewer running east and west on Hickory Street; also an eight inch (8") sewer running south on Crescent View Avenue from manhole on Hickory Street; also an eight inch (8") sewer running south on Ziegler Avenue from manhole on Hickory Street.

Also an additional eight inch (8") sewer in the Third Ward running from a point near the creek to a manhole on Sullivan Avenue.

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

Fred W. Harper
(Name of Engineer)

and in the report thereon prepared by

Fred W. Harper
(Name of Engineer)

all of which are made part of this application.

(Name)

(Title)

(SEAL)

Fred W. Harper, City Engineer.
(Post office address for further correspondence)

RELEVANT STATE LAW

Act May 11, 1915, P. L. 312 (commonly known as the Borough Code) Chapter VI, Article XII, Section 5:

"No contract for the construction of any such sewer system shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Act April 22, 1905, P. L. 260 (commonly known as the Purity of Waters Act):

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging

sewage into any of the waters of the State at the time of the passage of this act. But the exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

00981958

STATE OF PENNSYLVANIA,
COUNTY OF _____ } ss:

_____ being duly _____

according to law deposes and says that the foregoing application is made in pursuance of a _____ duly adopted by the _____ of the _____ and approved by the _____ thereof, on the _____ day of _____ 19 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

_____ to and subscribed _____ (Name)
before me this _____
day of _____ 19 _____ (Title)

_____
Notary Public.

My Commission expires _____

Form 615 Sewerage (San) **00981959** Butler, Bur.. Mun.

ENGINEERING DIVISION
OFFICE RECORD

SERIAL NO. 4311 Dated Nov 28, 1922 Rec'd Nov 29-1922

APPLICATION FOR Construction of additional sewers in First Ward and one additional sewer in Third Ward (supplementary).

PLANS: Number of 7 (add). Date Rec'd Nov 29-1922 12-11-22

Serial No. File #547 - Book #21601 21630 (1 to 7 inclus.) (3 prints) ... 1-9-23

ASSIGNED TO Zieber Date Nov 29-1922 Field Insp

REPORT BY " Dated Jan. 4/23 Rec'd

ENGRS. STUDY NO 3621 Dated 4/30/23 Appr. Chief Engr. 5-2-23

SUBMITTED TO COMMISSIONER OF HEALTH Returned

SUBMITTED TO ATTORNEY GENERAL 5-22-23

RETURNED FROM GOVERNOR 5-23-23

PERMIT: Dated 5-24-23 Sent to Commissioner 5-22-23 Returned 5-22-23

Sent to C. F. Chase, City Clerk Date 5-24-23

REMARKS

PERMIT 3366

BUTLER INTERCEPTING SEWERS & TREATMENT WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3366

NUMBER 10.001 SE. 02409-0693

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On March twenty-fourth, one thousand nine hundred and twenty-four, an application was received from the city of Butler, Butler County, requesting approval of plans for a system of intercepting sewers and sewage treatment works and of the discharge of sewage into Connoquenessing Creek after its modification by the removal of settleable solids therefrom, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the city is quite generally provided with sewerage facilities, but that the discharge of sewage through the various outlets into Connoquenessing Creek produces a decided nuisance in the stream apparently for several miles below Butler; that the minimum rate of flow of the creek at Butler is not sufficient to inoffensively assimilate the sewage of the city; that the electors during the current year approved a bond issue to provide for the construction of a system of intercepting sewers and sewage treatment works; that the plans submitted with the application provide for the installation of such a system of intercepting sewers and sewage treatment works; and that approval can be given to these plans as a general scheme of a comprehensive system of intercepting sewers and sewage treatment works, including the sites for both sewage treatment works, with final approval of a certain portion of the intercepting sewer system as hereinafter designated.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the plans of the comprehensive system of intercepting sewers and sewage treatment works and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on June eighteenth, one thousand nine hundred and twenty-four, authorized the granting of a permit to the city of Butler approving the plans of the comprehensive system of intercepting sewers and sewage treatment works.

Therefore, approval is hereby granted for the comprehensive system of intercepting sewers and sewage treatment works, as shown on a folio of six blue prints, bearing the main title, "City of Butler Sewage Disposal Plant", variously subtitled and dated, and received in the office of the Department of Health on January nineteenth, one thousand nine hundred and twenty-four, as supplemented and amended by five blue prints bearing the same main titles as the originally submitted plans, variously subtitled and dated, and received in the office of the Department of Health on March twenty-fifth, one thousand nine hundred and twenty-four, all as described in reports of the designing engineer

dated January fourteenth, one thousand nine hundred and twenty-four, March twenty-first, one thousand nine hundred and twenty-four and April seventh, one thousand nine hundred and twenty-four, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: The municipality shall forthwith adopt and enforce an ordinance to require all occupied buildings or premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made

to the public sewer system.

FIFTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

SIXTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SEVENTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewers, but in no case exceeding six hundred feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

EIGHTH: Definite and final approval is granted for only that part of the intercepting sewer system beginning at the west or discharge end of an inverted siphon crossing Conoquenessing Creek opposite Hogley Avenue and extending in a general easterly and northerly direction to its terminus on Elm Street. The plans of the comprehensive system of intercepting sewers and sewage treatment works, including the sites for both the main treatment works and the future east treatment works are approved only as a general scheme.

NINTH: During construction of the herein definitely approved part of the intercepting sewer system, extreme care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum and also to secure straight grades and alignment and smooth interior surfaces so that the maximum available velocities of flow may be effective, since the gradients of the proposed sewer are more flat than usually established, although the effort to secure gravity flow of sewage in this manner is to the economic advantage of the city.

TENTH: Revised detail plans of sewage treatment works shall be submitted to the Sanitary Water Board for approval on or before December thirty-first, one thousand nine hundred and twenty-four. These plans shall show all features of design

and construction in complete detail and provision shall be made therein for uniform distribution of the influent sewage to the separate units of the settling tanks. It is suggested that this may be accomplished by means of multiple influent channels with adjustable control gates.

ELEVENTH: Provision shall be made in the plans for sewage treatment works to discharge the effluent from the settling tanks to Connoquenessing Creek in such a manner as to prevent a local nuisance and the means of accomplishing this shall be shown in full detail on the plans to be submitted.

TWELFTH: On or before December thirty-first, one thousand nine hundred and twenty-four, the city of Butler shall submit to the Sanitary Water Board for approval revised detail plans of the main intercepting sewer extending from Island Avenue to the proposed site for the main sewage treatment works, these revised plans to provide for the discharge of the sewage of the entire city and that part of Butler Township to be served, to the sewage treatment works in such a manner that the intercepting sewer will not be surcharged and that self-cleansing velocities may be secured. It is maintained that the design of the main intercepting sewer as shown on the plans herein considered would not provide sufficient velocities of flow, particularly at its lower end, to insure uninterrupted and reliable service.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of engineering, etc.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD.

By . . . . . .
CHAIRMAN.

. . . . . .
Secretary.

Harrisburg, Pennsylvania,
June eighteenth, one thousand
nine hundred and twenty-four.

413202

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-four, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - - CHARLES H. HIMER - - - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

413203

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION #4761

May 12, 1924.

On March 24th, 1924, an application was received from the City of Butler, Butler County, requesting approval of plans of a system of intercepting sewers and sewage treatment works and of approval of the discharge of sewage into Connoquenessing Creek after the removal of settleable solids from the sewage.

The application was accompanied by a report of the Designing Engineer and by a folio of six blue prints. Five prints supplementing and amending the original plans were received on March 25th, 1924, and a supplementary report of the Designing Engineer was received on April 24th, 1924.

The City of Butler is situated on Connoquenessing Creek, in about the center of Butler County. It has a present population of about 24,000 and it is anticipated that the City will have a population of about 35,000 in 1950 and about 45,000 in 1975.

Almost the entire City is served with water by the Butler Water Company and several small water companies serve

certain portions of the community. The average total water consumption is now about 3.5 million gallons per day with a maximum of about 4.5 million gallons and a minimum of about 3.0 million gallons per day. The industrial water consumption in the community is quite heavy and, consequently, a considerable part of the water consumed does not reach the sewer system.

The City is provided with a quite complete public sewer system which has been constructed on the separate plan. It is claimed that no surface drains are connected to the sewer system but it is admitted that some roof drains have been surreptitiously connected to the public sewer system, it being the intention of the City to absolutely eliminate all these connections by a special officer operating under a newly adopted City ordinance.

In 1924, the voters of the City of Butler approved a bond issue of $400,000 to provide for construction of a system of intercepting sewers and sewage treatment works. Since that time the Village of Lyndora in Butler Township, adjoining Butler on the south, has, through the officials of the Township, which is a first class township, entered into an agreement with the City of Butler assuring joint service of the main intercepting sewer and sewage treatment works. Butler Township has made

separate application for approval of its part of the system.

The present sewer system of the City of Butler is entirely a gravity system and discharges at several points to Connoquenessing Creek, producing a decided nuisance in this stream for at least 8 miles down stream, and contributing to the heavy sewage load in the lower Connoquenessing Creek and the Beaver River, to which Connoquenessing Creek is tributary. The first waterworks intake below Butler is an emergency intake at Zelienople about 18 miles down stream and the next waterworks intake is at East Vale, on the Beaver River, about 21 miles down stream from Zelienople.

The minimum rate of flow of Connoquenessing Creek at Butler is about 2.8 million gallons per day or about 4.35 cubic feet per second. It is very evident that the sewage of about 30,000 people in the Butler District cannot be assimilated by a stream of this size, without producing a decidedly offensive condition.

PROPOSED INTERCEPTING
SEWERS AND SEWAGE TREATMENT WORKS

The City of Butler now proposes to construct a system of intercepting sewers to collect the sewage of the entire City of Butler and of the Villages of Lyndora and Bradinville and to discharge this sewage to sewage treatment works to be located on the east side of Connoquenessing Creek and about 1½ miles south-

east of the City.

The intercepting sewer system will comprise a high level district and a low level district.

The high level district will be served by an intercepting sewer beginning at Elm Street in the northeastern part of the City, with a 12" sewer, extending south on Monroe Street and crossing the valley of Connoquenessing Creek by an inverted siphon to the intersection of Lookout Avenue with Etna Street extension, then utilizing existing 12" and 15" sewers on Etna Street extension between Lookout Avenue and Center Avenue, thence continuing in a general westerly direction down the valley of Connoquenessing Creek a distance of about 5,000 feet, by 20" cast iron and vitrified pipe and reducing to 16" cast iron pipe at the lower end where the grades are steeper, to Connoquenessing Creek at Negley Avenue where another inverted siphon is to be constructed to discharge the sewage from the eastern high level district to a proposed 30" cast iron main intercepting sewer. This main intercepting sewer is to begin about 1,700 feet north of Negley Avenue, at Island Avenue, and is to extend in a general southeasterly direction, a distance of almost 2 miles, to the proposed site for sewage treatment works. At Island Avenue and at West Street the main intercepting sewer will intercept the existing gravity flow from sewers serving the central and western parts of the City.

413207

The low level collecting system will utilize the existing intercepting sewer beginning at Monroe Street in the eastern part of the City and extending along the northwest side of Connoquenessing Creek to Mill Street where it crosses Connoquenessing Creek and extends west along Negley Avenue to an existing outfall to Connoquenessing Creek. At the foot of Negley Avenue a pumping station is to be constructed to elevate the sewage from the 15" low level collector to the previously described high level interceptine sewer on Negley Avenue a short distance east of the inverted siphon crossing Connoquenessing Creek and discharging to the proposed 30" main intercepting sewer.

The proposed collecting system is designed to deliver about 90 percent of the total sewage flow by gravity, the high level intercepting sewers to relieve the present intercepting sewers of all high level flow.

The Monroe Street inverted siphon will begin at Jefferson Street and will extend south across the valley of Connoquenessing Creek, suspended on a bridge part way, a distance of about 850', through one 8" and one 10" cast iron pipe. The connections necessary in this double siphon to provide an unobstructed channel under the Monroe Street bridge will be of standard quarter bends to prevent pockets and to reduce losses to a minimum. A blow-off will be provided on each line at its low point at the creek. The inlet manhole to the Monroe Street siphon will be provided with a trash

screen of 4" mesh on a removable pipe frame and each of the siphon pipes will be controlled with valves located in the manhole. The discharge end of the double siphon will be enclosed in a double manhole, a $\frac{1}{8}$" bend on each line rising to the floor of one compartment of the manhole and flowing to the 16" cast iron gravity continuation of the interceptor and the main part of the manhole enclosing valves on each of the inverted siphon pipes. This arrangement provides for entirely emptying either one of the inverted siphon pipes by simply unbolting a $\frac{1}{8}$" bend at a manhole adjacent to the abutment of the bridge over the creek.

The hydraulics of this inverted siphon have been carefully calculated and this part of the interceptor system will be capable of carrying the sewage from the entire district to be served for at least 30 years and self cleansing velocity will be maintained even with minimum rates of flow, by proper use of one or both of the siphons.

The 16" sewer to extend from the discharge end of the Monroe Street siphon to Lookout Avenue and Etna Street extension will also be of suitable design for the future, as well as for the present. At this intersection it is planned, in the future, to construct a relief sewer extending east to a site near the confluence of Coal Run with Connoquenessing

Creek, this site having been purchased by the City of Butler for sewage treatment works when it becomes necessary, by reason of development of the east and north sections of the City, to construct such works. The existing 12" and 15" sewer on Etna Avenue extension between Lockout Avenue and Center Avenue is not of sufficient capacity to serve the north and east sections for the future.

The proposed site of the future east sewage treatment works has an area of three acres and is of such elevation and topography that it will be entirely suitable for sewage treatment works to serve the eastern and northern sections of the City.

The proposed 20" intercepting sewer extending in a westerly direction along Etna Street and the B. & O. Railroad, west of Center Avenue and thence reducing to 15" and continuing to 16" cast iron pipe on Negley Avenue to Connoquenessing Creek, is of satisfactory design and will be capable of carrying the sewage of the entire district which it is intended to serve for many years in the future, and self cleansing velocities will obtain in this interceptor for at least a part of each day with the minimum present rates of flow. A slight deviation from standard practice will be made in the construction of this 20" cast iron sewer where it crosses under the B. & L. E. Railroad bridge over Connoquenessing Creek, it being necessary at this point to suspend the cast iron pipe on a hanger on the abutment

of the bridge and to provide a slight angle between manholes to obviate construction of a manhole at such a point that it would be subject to objection by the Water and Power Resources Board. From the foot of Negley Avenue a double siphon of 10" cast iron pipe will cross Connoquenessing Creek to the proposed 30" main intercepting sewer. This siphon will be provided with dry wells at each end and will be controlled, on each pipe, with gate valves and removable bends for cleansing purposes. A screen of 4" mesh on removable pipe frame is to be placed over the inlet of this inverted siphon. It is calculated that the 10" double siphon will have sufficient capacity to carry the flow of the entire eastern and southern high level and low level flow for many years to come and the velocities in this siphon will be ample for self cleansing.

Details of the pumping station on Negley Avenue for elevation of the low level sewage to the inlet end of the Negley Avenue siphon have not been furnished but the elevations and other data indicate that this plan is entirely feasible.

Beginning at Island Avenue, the Proposed main intercepting sewer will extend in a general southerly line, being 24" in diameter to a point opposite Negley Avenue where it will be joined by the Negley Avenue siphon and extending thence by a 30" pipe the entire distance to the proposed sewage treatment works. This line will be a gravity sewer with the exception of an inverted siphon where the line crosses Connoquenessing Creek at the lower end of Lyndora Village and about 1,300 feet north of the proposed

treatment works. This siphon will be constructed of one 10" pipe, one 12" pipe and one 16" pipe.

Dry wells are to be constructed at each end of the siphon and each pipe is to be controlled with gate valves. The removal of blank flanges on each pipe in the dry wells will permit rodding and cleaning through the straight section under the stream. The three pipes will provide ample capacity and velocity for practically any rate of sewage flow up to the quantity which it is calculated will be discharged by the City and its environs in 1975, considerable flexibility for the future being also provided by the outline plan for the eastern sewage treatment works.

The site purchased by the City of Butler for the main sewage treatment works is located in the valley of Butchers Run. The total area comprises about 22 acres and most of the land is suitable for the purpose intended. The elevation of the site averages about 985 feet. The normal water level of Connoquenessing Creek at this point is at elevation 973.7 and the extreme flood level is at elevation 977.7. The site is to be utilized at present for settling tanks with separate sludge digestion and for sludge beds, area to be set aside for future development sufficient for all reasonable anticipated growth of the City and its suburbs.

The operating head of the sewage treatment works is proposed as at elevation 976.9 feet. This elevation would cause

a surcharging of the main 30" intercepting sewer to a point above the inverted siphon across Connoquenessing Creek at the lower end of Lyndora and, it is feared, would produce undesirable settlement in the lower end of this intercepting sewer since the velocities in the filled part of the pipe would not be self cleansing.

The 30" main intercepting sewer is, in itself, of satisfactory design, but the surcharging to be effected by the flow line in the settling tanks would not appear to be safe.

It is proposed, by the City, to construct a dam across a small stream tributary to Connoquenessing Creek above the upper end of the proposed main intercepting sewer, the pool of this dam to be at elevation 983 feet, and to connect a 12" flush line from this dam to the upper end of the main intercepting sewer for flushing purposes. This rather unique provision appears to be suitable for this particular installation and should prove beneficial but it could not overcome the difficulty of the surcharged lower end of the intercepting sewer.

The general design of the sewage treatment works proposed as shown on the plans under consideration appear to be satisfactory. The sewage will first pass through inclined bar screens and will flow thence to 16 settling tanks each 14' square in plan and with an extreme depth of 17' with hopper bottoms having slopes of 50° from the horizontal. The total

capacity of the settling tanks will be 246,000 gallons which will provide a detention period of a little over two hours with the present average rate of sewage flow of 2.6 million gallons per day. The influent and effluent ends of the tanks are the same, six 4" pipes spaced 2' apart being placed between the influent and effluent channels and the tanks to utilize the full cross section of the tank in the distribution of the sewage to and from the tanks. It is proposed to control the flow into the tanks by placing iron balls in the ends of the 4" pipes which terminate in the bottoms of the influent and effluent channels.

The sludge digestion tanks are to be elevated over the settling tanks and will also be 16 in number. They will each be 16' x 14½' in plan and will have a total effective depth of 18½'. The hopper bottoms will have slopes of 35° from the horizontal. The total capacity of the 16 tanks will be about 54,000 cubic feet which will provide a capacity of 2 cubic feet per capita for the present population to be served.

An 8" sludge pipe will extend from the bottom of each settling tank to a pneumatic ejector to be located in a pit between the two rows of tanks and 6" pipes will lead from the ejectors to each one of the sludge digestion compartments. Provision will also be made for redistributing sludge from any one of the sludge

digestion tanks, to any of the other digestion tanks.

The sludge beds to be located adjacent to the settling tanks on the east will be 15 in number and will each be 120' long and 16' wide, providing about 1.2 square feet per capita with the present population. The discharge of sludge from the elevated sludge digestion tanks to the sludge beds will be by gravity.

The settled sewage will be discharged through a pipe extending down Butchers Run to a dam in Connoquenessing Creek maintained by several industries as an intake for water for industrial purposes. Inasmuch as the raw sewage from Butler and Lyndora is now entering this stream a short distance above the dam there should be no cause for objection, - in fact, the officials of the industries using this water agree that the condition should be improved with the proposed treatment works at this place.

The site proposed for the sewage treatment works appears to be almost an ideal one as far as surroundings are concerned. It is far removed from any habitations and in a location which will probably never be further developed, since a steep hillside down stream is a natural barrier to growth of the City in that direction. The slopes of Butchers Run Valley above the site of the main treatment works are rather steep and it is not believed that any residential development

would occur to the north or east within a distance of almost ½ mile. Across the creek to the west is industrial property. The future extension of Butler will be largely to the southeast and this district can be readily served by a sewer extending down Butchers Run by gravity to the proposed site.

DISCUSSION

The study made by the designing engineer of the proposed system for the collection and the treatment of the sewage of Butler and environs is quite comprehensive. The rates of sewage flow are based on actual measurement of the existing sewage flow from the various points of outfall at times of extreme wet weather and these figures are balanced with figures for future expansion developed from factors which seem to be quite conservative, in most instances. Because of extensive hard surface paving, rugged topography and relatively sparse population per acre, the rate of ground water infiltration is assumed to be very low and this is confirmed by the readings of actual sewage flow during a period of continued rain.

The design of the proposed intercepting sewers, including inverted siphons, appears to be entirely satisfactory for the intercepting sewer to serve the east and south of the City but the main intercepting sewer cannot be considered entirely satisfactory since it will operate in a surcharged condition at its lower end and it is feared that the velocity of flow may

not be sufficient.

The site of the proposed main sewage treatment works appears to be satisfactory and the proposed units of this site appear to be, in general, satisfactory. However, the plans of these units as submitted are not in sufficient detail to permit definite approval at this time. Furthermore, the provision made for uniform distribution of sewage to each of the 16 settling tanks does not appear to be entirely satisfactory.

The site which the City has secured for the future east sewage treatment works is suitably located for this purpose and treatment works constructed thereon should not be the cause of nuisances since residences are not present in the vicinity and probably will not be in the future. It will be entirely feasible to treat approximately 2 million gallons of sewage from the eastern and northern sections of the City at this point without pumping any of the sewage.

It would seem proper to grant approval of the entire general scheme for collection and treatment of the sewage of the City of Butler and its environs, as above described, and to grant definite and final approval of that part of the proposed intercepting sewer extending from the proposed junction of the two intercepting sewers on the east side of Connequenessing Creek opposite Negley Avenue and thence in a general easterly and then northern direction along Negley Avenue, Etna Street, Lockout

Avenue and Monroe Street to its terminus on Elm Street.

The City should be required to submit detail plans of the proposed sewage treatment works and revised plans of the main intercepting sewer, making provision to prevent surcharging of the lower end of the intercepting sewer, on or before the end of the year 1924 in order that final consideration may be given to these plans in time to permit the letting of contracts for the work early in 1925.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler approving a system of intercepting sewers and sewage treatment works(as shown on a folio of six blue prints, bearing the main title "City of Butler Sewage Disposal Plant", variously subtitled and dated, and received in the office of the Department of Health on January 19, 1924, as supplemented and amended by five blue prints bearing the same main titles as the originally submitted plans, variously subtitled and dated, and received in the office of the Department of Health on March 25th, 1924, all as described in reports of the designing engineer dated January 14th, 1924, March 21st, 1924 and April 7th, 1924,) subject to standard conditions numbers 1, 2, 3, 5, 6, 10, 12, and the following special conditions:

Definite and final approval is granted for only that part of the intercepting sewer system beginning at the west or discharge end of an inverted siphon crossing Connoquenessing Creek opposite Negley Avenue and extending in a general easterly and northerly direction to its terminus on Elm Street. The plans of the comprehensive system of intercepting sewers and sewage treatment works, including the sites for both the main treatment works and the future east treatment works are approved only as a general scheme.

During Construction of the herein definitely approved part of the intercepting sewer system, extreme care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum and also to secure straight grades and alignment and smooth interior surfaces so that the maximum available velocities of flow may be effective, since the gradients of the proposed sewer are more flat than usually established, although the effort to secure gravity flow of sewage in this manner is to the economic advantage of the City.

Revised detail plans of sewage treatment works shall be submitted to the Sanitary Water Board for approval on or before December 31st, 1924. These plans shall show all features of design and construction in complete detail and provision shall be made therein for uniform distribution of the influent sewage to the

separate units of the settling tanks. It is suggested that this be accomplished by means of multiple influent channels with adjustable control gates.

Provision shall be made in the plans for sewage treatment works to discharge the effluent from the settling tanks to Connoquenessing Creek in such a manner as to prevent a local nuisance and the means of accomplishing this shall be shown in full detail on the plans to be submitted.

On or before December 31st, 1924, the City of Butler shall submit to the Sanitary Water Board for approval revised detail plans of the main intercepting sewer extending from Island Avenue to the proposed site for the main sewage treatment works, these revised plans to provide for the discharge of the sewage of the entire City and that part of Butler Township to be served, to the sewage treatment works in such a manner that the intercepting sewer will not be surcharged and that self cleansing velocities may be secured. It is maintained that the design of the main intercepting sewer as shown on the plans herein considered would not provide sufficient velocities of flow, particularly at its lower end, to insure uninterrupted and reliable service.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

DlOk

413220

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3366

NUMBER 10.001 SE 02409-0693

Appendix A-20-b
00981960

ER-BWQ 271 (2-80)

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3366

Bureau of Water Quality Management

Appendix A-20-b

0098196 3

Rec'd March 24, 1924
Application March 27, 1924 ..... No. 4741.
Issued June 17, 1924 .. Vol. 1-2 ... No. 3346.
Recorded ..... Vol. ..... Page .....
Report by Siebert ..... No. 3043 Vol. 1-2 ...

Name .....
Place Butler .....
County Butler .....
File No. .....

Conditions and Stipulations

Disposition

***requesting approval of plans for a system of intercepting sewers and sewage treatment works and of the discharge of sewage into Connoquenessing Creek after its modification by the removal of settleable solids therefrom,

Under authority of a resolution of the Sanitary Water Board adopted July 17, 1923, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the city is quite generally provided with sewerage facilities, but that the discharge of sewage through the various outlets into Connoquenessing Creek produces a decided nuisance in the stream apparent for several miles below Butler; that the minimum rate of flow of the creek at Butler is not sufficient to inoffensively assimilate the sewage of the city; that the electors during the current year approved a bond issue to provide for the construction of a system of intercepting sewers and sewage treatment works; that the plans submitted with the application provide for the installation of such a system of intercepting sewers and sewage treatment works; and that approval can be given to these plans as a general scheme of a comprehensive system of intercepting sewers and sewage treatment works, including the sites for both sewage treatment works, with final approval of a certain portion of the intercepting sewer system as hereinafter designated.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the plans of the comprehensive system of intercepting sewers and sewage treatment works and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on June 16, 1924, authorized the granting of a permit to the city of Butler approving the plans of the comprehensive system of intercepting sewers and sewage treatment works.

Therefore, approval is hereby granted for the comprehensive system of intercepting sewers and sewage treatment works, as shown on a folio of 6 blue prints, bearing the main title, "City of Butler

Appendix A-20-b

00981964

Conditions and Stipulations	Disposition
Sewage Disposal Plant', variously entitled [illegible] dated, and received in the office of the Department of Health on January 19, 19[illegible], as subsequently amended by blue prints entitled [illegible] as the originally submitted plans, variously entitled and dated, and received in the office of the Department of Health on March [illegible], 1954, all as described in reports of the Consulting Engineer dated January 14, 1954, March [illegible], 1954 and April 7, 1954, as proposed in the application for a permit issued therefor, subject to the following additional conditions:	
FIRST: All relevant conditions of prior sewage permits issued to the City of Auburn will be continued in full force.	
SECOND: During construction no material changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.	
THIRD: The works shall be constructed under expert engineering supervision and competent inspection and in accordance with the plans as herein approved or amended and with the conditions of this permit.	
FOURTH: The municipality shall forthwith take such steps as enforce an ordinance to require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies and the cleaning and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting the connection from any privy vault or cesspool being made to the public sewer system.	
FIFTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.	
SIXTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.	
SEVENTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thereafter cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon	

00981961

Rec'd March 24, 1924
Application March 24, 1924 ..... No. 4761
Issued June 12, 1924 ... Vol. 143 ... No. 3366
Recorded ..... Vol. ..... Page .....
Reported by Siebert ..... No. 3443 Vol 132

Name .....
Place ..... N. J.
County ..... N.
File No. .....

Conditions and Stipulations	Disposition

-2-

the size and grade of the sewer, [illegible] exceeding 600 feet between [illegible] such sewer. [illegible] that new sites may [illegible] can be established without [illegible] said plot, the [illegible] afford cause for [illegible] location of the [illegible] or grade.

EIGHTH: Definite and final approval is granted for only that part of the intercepting sewer system beginning at the west or discharge end of an inverted siphon crossing Second Fresh Creek opposite Bagley Avenue and extending in a general easterly and northerly direction to its terminus on Elm Street. The plans of the comprehensive system of intercepting sewers and sewage treatment works, including the sites for both the main treatment works and the future east treatment works are approved only as a general scheme.

NINTH: During construction of the herein definitely approved part of the intercepting sewer system, extreme care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum and also to secure straight grades and alignment and smooth interior surfaces so that the maximum available velocities of flow may be effective, since the gradients of the proposed sewer are more flat than usually established, although the effort to secure gravity flow of sewage in this manner is to the economic advantage of the city.

TENTH: Revised detail plans of sewage treatment works shall be submitted to the Sanitary Water Board for approval on or before December 31, 1924. These plans shall show all features of design and construction in complete detail and provision shall be made therein for uniform distribution of the influent sewage to the separate units of the settling tanks. It is suggested that this may be accomplished by means of multiple influent channels with adjustable control gates.

ELEVENTH: Provision shall be made in the plans for sewage treatment works to discharge the effluent

Conditions and Stipulations	Disposition
from the settling tanks to [illegible] such a manner as to prevent [illegible] means of accomplishing this shall be shown in full detail on the plans to be submitted. THIRTY: On or before December 31, 1934, the city of Butler shall submit to the Sanitary Water Board for approval revised detail plans of the main intercepting sewer extending from Island Avenue to the proposed site for the main sewage treatment works, these revised plans to provide for the diversion of the sewage of the entire city and that part of Butler Township to be served, to the sewage treatment works in such a manner that the intercepting sewer will not be surcharged and that selfcleansing velocities may be secured. It is maintained that the design of the main intercepting sewer as shown on the plans herein considered would not provide sufficient velocities of flow, particularly at its lower end, to insure uninterrupted and reliable service. The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 23, 1921, regulating the practice of the profession of engineering, etc. TO BE RECORDED.	

PERMIT 3444

BUTLER SEWER EXTENSIONS FOR JEFFERSON & LOCUST STREETS

413221

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. # 3444

NUMBER 10.001 SE. 02409-0693

413222

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION # ~~4762~~ 4761

May 12, 1924.

On March 24th, 1924, an application was received from the City of Butler, Butler County, requesting approval of plans of a system of intercepting sewers and sewage treatment works and of approval of the discharge of sewage into Connoquenessing Creek after the removal of settleable solids from the sewage.

The application was accompanied by a report of the Designing Engineer and by a folio of six blue prints. Five prints supplementing and amending the original plans were received on March 25th, 1924, and a supplementary report of the Designing Engineer was received on April 24th, 1924.

The City of Butler is situated on Connoquenessing Creek, in about the center of Butler County. It has a present population of about 24,000 and it is anticipated that the City will have a population of about 35,000 in 1950 and about 46,000 in 1975.

Almost the entire City is served with water by the Butler Water Company and several small water companies serve

certain portions of the community. The average total water consumption is now about 3.6 million gallons per day with a maximum of about 4.6 million gallons and a minimum of about 3.0 million gallons per day. The industrial water consumption in the community is quite heavy and, consequently, a considerable part of the water consumed does not reach the sewer system.

The City is provided with a quite complete public sewer system which has been constructed on the separate plan. It is claimed that no surface drains are connected to the sewer system but it is admitted that some roof drains have been surreptitiously connected to the public sewer system, it being the intention of the City to absolutely eliminate all these connections by a special officer operating under a newly adopted City ordinance.

In 1924, the voters of the City of Butler approved a bond issue of $400,000 to provide for construction of a system of intercepting sewers and sewage treatment works. Since that time the Village of Lyndora in Butler Township, adjoining Butler on the south, has, through the officials of the Township, which is a first class township, entered into an agreement with the City of Butler assuring joint service of the main intercepting sewer and sewage treatment works. Butler Township has made

separate application for approval of its part of the system.

The present sewer system of the City of Butler is entirely a gravity system and discharges at several points to Connoquenessing Creek, producing a decided nuisance in this stream for at least 8 miles down stream, and contributing to the heavy sewage load in the lower Connoquenessing Creek and the Beaver River, to which Connoquenessing Creek is tributary. The first waterworks intake below Butler is an emergency intake at Zelienople about 18 miles down stream and the next waterworks intake is at East Vale, on the Beaver River, about 21 miles down stream from Zelienople.

The minimum rate of flow of Connoquenessing Creek at Butler is about 2.8 million gallons per day or about 4.35 cubic feet per second. It is very evident that the sewage of about 30,000 people in the Butler District cannot be assimilated by a stream of this size, without producing a decidedly offensive condition.

PROPOSED INTERCEPTING SEWERS
AND SEWAGE TREATMENT WORKS

The City of Butler now proposes to construct a system of intercepting sewers to collect the sewage of th entire City of Butler and of the Villages of Lyndora and Brodinville and to discharge this sewage to sewage treatment works to be located on the east side of Connoquenessing Creek and about 1½ miles south-

east of the City.

The intercepting sewer system will comprise a high level district and a low level district.

The high level district will be served by an intercepting sewer beginning at Elm Street in the northeastern part of the City, with a 12" sewer, extending south on Monroe Street and crossing the valley of Connoquenessing Creek by an inverted siphon to the intersection of Lookout Avenue with Etna Street extension, then utilizing existing 12" and 15" sewers on Etna Street extension between Lookout Avenue and Center Avenue, thence continuing in a general westerly direction down the valley of Connoquenessing Creek a distance of about 5,000 feet, by 20" cast iron and vitrified pipe and reducing to 16" cast iron pipe at the lower end where the grades are steeper, to Connoquenessing Creek at Negley Avenue where another inverted siphon is to be constructed to discharge the sewage from the eastern high level district to a proposed 30" cast iron main intercepting sewer. This main intercepting sewer is to begin about 1,700 feet north of Negley Avenue, at Island Avenue, and is to extend in a general southeasterly direction, a distance of almost 2 miles, to the proposed site for sewage treatment works. At Island Avenue and at West Street the main intercepting sewer will intercept the existing gravity flow from sewers serving the central and western parts of the City.

The low level collecting system will utilize the existing intercepting sewer beginning at Monroe Street in the eastern part of the City and extending along the northwest side of Connoquenessing Creek to Mill Street where it crosses Connoquenessing Creek and extends west along Negley Avenue to an existing outfall to Connoquenessing Creek. At the foot of Negley Avenue a pumping station is to be constructed to elevate the sewage from the 15" low level collector to the previously described high level intercepting sewer on Negley Avenue a short distance east of the inverted siphon crossing Connoquenessing Creek and discharging to the proposed 30" main intercepting sewer.

The proposed collecting system is designed to deliver about 90 percent of the total sewage flow by gravity, the high level intercepting sewers to relieve the present intercepting sewers of all high level flow.

The Monroe Street inverted siphon will begin at Jefferson Street and will extend south across the valley of Connoquenessing Creek, suspended on a bridge part way, a distance of about 850', through one 8" and one 10" cast iron pipe. The connections necessary in this double siphon to provide an unobstructed channel under the Monroe Street bridge will be of standard quarter bends to prevent pockets and to reduce losses to a minimum. A blow-off will be provided on each line at its low point at the creek. The inlet manhole to the Monroe Street siphon will be provided with a trash

screen of 4" mesh on a removable pipe frame and each of the siphon pipes will be controlled with valves located in the manhole. The discharge end of the double siphon will be enclosed in a double manhole, a ½" bend on each line rising to the floor of one compartment of the manhole and flowing to the 16" cast iron gravity continuation of the interceptor and the main part of the manhole enclosing valves on each of the inverted siphon pipes. This arrangement provides for entirely emptying either one of the inverted siphon pipes by simply unbolting a ½" bend at a manhole adjacent to the abutment of the bridge over the creek.

The hydraulics of this inverted siphon have been carefully calculated and this part of the interceptor system will be capable of carrying the sewage from the entire district to be served for at least 30 years and self cleansing velocity will be maintained even with minimum rates of flow, by proper use of one or both of the siphons.

The 16" sewer to extend from the discharge end of the Monroe Street siphon to Lookout Avenue and Etna Street extension will also be of suitable design for the future, as well as for the present. At this intersection it is planned, in the future, to construct a relief sewer extending east to a site near the confluence of Coal Run with Cone[illegible]ssing

Creek, this site having been purchased by the City of Butler for sewage treatment works when it becomes necessary, by reason of development of the east and north sections of the City, to construct such works. The existing 12" and 15" sewer on Etna Avenue extension between Lookout Avenue and Center Avenue is not of sufficient capacity to serve the north and east sections for the future.

The proposed site of the future east sewage treatment works has an area of three acres and is of such elevation and topography that it will be entirely suitable for sewage treatment works to serve the eastern and northern sections of the City.

The proposed 20" intercepting sewer extending in a westerly direction along Etna Street and the B. & O. Railroad, west of Center Avenue and thence reducing to 15" and continuing to 1[illegible]" cast iron pipe on Negley Avenue to Connoquenessing Creek, is of satisfactory design and will be capable of carrying the sewage of the entire distr[illegible]hich it is intended to serve for many years in the future, and self cleansing velocities will obtain in this interceptor for at least a part of each day with the minimum present rates of flow. A slight deviation from standard practice will be made in the construction of this 20" cast iron sewer where it crosses under the B. & L. E. Railroad bridge over Connoquenessing Creek, it being necessary at this point to suspend the cast iron pipe on a hanger on the abutment of the bridge and to provide a slight angle between manholes to

obviate construction of a manhole at such a point that it would be subject to objection by the Water and Power Resources Board. From the foot of Negley Avenue a double siphon of 10" cast iron pipe will cross Connoquenessing Creek to the proposed 30" main intercepting sewer. This siphon will be provided with dry wells at each end and will be controlled, on each pipe, with gate valves and removable bends for cleansing purposes. A screen of 4" mesh on removable pipe frame is to be placed over the inlet of this inverted siphon. It is calculated that the 10" double siphon will have sufficient capacity to carry the flow of the entire eastern and southern high level and low level flow for many years to come and the velocities in this siphon will be ample for self cleansing.

Details of the pumping station on Negley Avenue for elevation of the low level sewage to the inlet end of the Negley Avenue siphon have not been furnished but the elevations and other data indicate that this plan is entirely feasible.

Beginning at Island Avenue, the Proposed main intercepting sewer will extend in a general southerly line, being 24" in diameter to a point opposite Negley Avenue where it will be joined by the Negley Avenue siphon and extending thence by a 30" pipe the entire distance to the proposed sewage treatment works. This line will be a gravity sewer with the exception of an inverted siphon where the line crosses Connoquenessing Creek at the lower end of Lyndora Village and about 1,200 feet north of the proposed

treatment works. This siphon will be constructed of one 10" pipe, one 12" pipe and one 16" pipe.

Dry wells are to be constructed at each end of the siphon and each pipe is to be controlled with gate valves. The removal of blank flanges on each pipe in the dry wells will permit reading and cleansing through the straight section under the stream. The three pipes will provide ample capacity and velocity for practically any rate of sewage flow up to the quantity which it is calculated will be discharged by the City and its environs in 1975, considerable flexibility for the future being also provided by the outline plan for the eastern sewage treatment works.

The site purchased by the City of Butler for the main sewage treatment works is located in the valley of Butchers Run. The total area comprises about 22 acres and most of the land is suitable for the purpose intended. The elevation of the site averages about 985 feet. The normal water level of Connequenessing Creek at this point is at elevation 973.7 and the extreme flood level is at elevation 977.7. T' site is to be utilized at present for settling tanks with separate sludge digestion and for sludge beds, area to be set aside for future development sufficient for all reasonable anticipated growth of the City and its suburbs.

The operating head of the sewage treatment works is proposed as at elevation 976.9 feet. This elevation would cause

a surcharging of the main 30" intercepting sewer to a point above the inverted siphon across Connoquenessing Creek at the lower end of Lyndora and, it is feared, would produce undesirable settlement in the lower end of this intercepting sewer since the velocities in the filled part of the pipe would not be self cleansing.

The 30" main intercepting sewer is, in itself, of satisfactory design, but the surcharging to be effected by the flow line in the settling tanks would not appear to be safe.

It is proposed, . the City, to construct a dam across a small stream tributary to Connoquenessing Creek above the upper end of the proposed main intercepting sewer, the pool of this dam to be at elevation 983 feet, and to connect a 12" flush line from this dam to the upper end of the main intercepting sewer for flushing purposes. This rather unique provision appears to be suitable for this particular installation and should prove beneficial but it could not overcome the difficulty of the surcharged lower end of the intercepting sewer.

The general design of the sewage treatment works proposed as shown on the plans under consideration appear to be satisfactory. The sewage will first pass through inclined bar screens and will flow thence to 16 settling tanks each 14' square in plan and with an extreme depth of 17' with hopper bottoms having slopes of 60° from the horizontal. The total

capacity of the settling tanks will be 246,000 gallons which will provide a detention period of a little over two hours with the present average rate of sewage flow of 2.6 million gallons per day. The influent and effluent ends of the tanks are the same, six 4" pipes spaced 2' apart being placed between the influent and effluent channels and the tanks to utilize the full cross section of the tank in the distribution of the sewage to and from the tanks. It is proposed to control the flow into the tanks by placing iron balls in the ends of the 4" pipes which terminate in the bottoms of the influent and effluent channels.

The sludge digestion tanks are to be elevated over the settling tanks and will also be 16 in number. They will each be 16' x 14½' in plan and will have a total effective depth of 18½'. The hopper bottoms will have slopes of 35° from the horizontal. The total capacity of the 16 tanks will be about 54,000 cubic feet which will provide a capacity of 2 cubic feet per capita for the present population to be served.

An 8" sludge pipe will extend from the bottom of each settling tank to a pneumatic ejector to be located in a pit between the two rows of tanks and 6" pipes will lead from the ejectors to each one of the sludge digestion compartments. Provision will also be made for redistributing sludge from any one of the sludge

digestion tanks, to any of the other digestion tanks.

The sludge beds to be located adjacent to the settling tanks on the east will be 15 in number and will each be 120' long and 16' wide, providing about 1.2 square feet per capita with the present population. The discharge of sludge from the elevated sludge digestion tanks to the sludge beds will be by gravity.

The settled sewage will be discharged through a pipe extending down Butchers Run to a dam in Connoquenessing Creek maintained by several industries as an intake for water for industrial purposes. Inasmuch as the raw sewage from Butler and Lyndora is now entering this stream a short distance above the dam there should be no cause for objection,- in fact, the officials of the industries using this water agree that the condition should be improved with the proposed treatment works at this place.

The site proposed for the sewage treatment works appears to be almost an ideal one as far as surroundings are concerned. It is far removed from any habitations and in a location which will probably never be further developed, since a steep hillside down stream is a natural barrier to growth of the City in that direction. The slopes of Butchers Run Valley above the site of the main treatment works are rather steep and it is not believed that any residential development would occur to the north or east within a distance of almost

½ mile. Across the creek to the west is industrial property. The future extension of Butler will be largely to the southeast and this district can be readily served by a sewer extending down Butchers Run by gravity to the proposed site.

DISCUSSION

The study made by the designing engineer of the proposed system for the collection and the treatment of the sewage of Butler and environs is quite comprehensive. The rates of sewage flow are based on actual measurement of the existing sewage flow from the various points of outfall at times of extreme wet weather and these figures are balanced with figures for future expansion developed from factors which seem to be quite conservative, in most instances. Because of extensive hard surface paving, rugged topography and relatively sparse population per acre, the rate of ground water infiltration is assumed to be very low and this is confirmed by the readings of actual sewage flow during a period of continued rain.

The design of the proposed intercepting sewers, including inverted siphons, appears to be entirely satisfactory for the intercepting sewer to serve the east and south of the City but the main intercepting sewer cannot be considered entirely satisfactory since it will operate in a surcharged condition at its lower end and it is feared that the velocity of flow may not be sufficient.

The site of the proposed main sewage treatment works appears to be satisfactory and the propcsed units of this site appear to be, in general, satisfactory. However, the plans of these units as submitted are not in sufficient detail to permit definite approval at this time. Furthermore, the provision made for uniform distribution of sewage to each of the 16 settling tanks does not appear to be entirely satisfactory.

The site which the City has secured for the future east sewage treatment works is suitably located for this purpose and treatment works constructed thereon should not be the cause of nuisances since residences are not present in the vicinity and probably will not be in the future. It will be entirely feasible to treat approximately 2 million gallons of sewage from the eastern and northern sections of the City at this point without pumping any of the sewage.

It would seem proper to grant approval of the entire general scheme for collection and treatment of the sewage of the City of Butler and its environs, as above described, and to grant definite and final approval of that part of the proposed intercepting sewer extending from the proposed junction of the two intercepting sewers on the west side of Connoquenessing Creek opposite Negley Avenue and thence in a general easterly and then northern direction along Negley Avenue, Etna Street, Lookout Avenue and Monroe Street to its terminus on Elm Street.

The City should be required to submit detail plans of the proposed sewage treatment works and revised plans of the main intercepting sewer, making provision to prevent surcharging of the lower end of the intercepting sewer, on or before the end of the year 1924 in order that final consideration may be given to these plans in time to permit the letting of contracts for the work early in 1925.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler approving a system of intercepting sewers and sewage treatment works as shown on a folio of six blue prints, bearing the main title "City of Butler Sewage Disposal Plant", variously subtitled and dated, and received in the office of the Department of Health on January 19, 1924, as supplemented and amended by five blue prints bearing the same main titles as the originally submitted plans, variously subtitled and dated, and received in the office of the Department of Health on March 25th, 1924, all as described in reports of the designing engineer dated January 14th, 1924, March 21st, 1924 and April 7th, 1924, subject to standard conditions numbers 1, 2, 3, 5, 6, 10, 12, and the following special conditions:

Definite and final approval is granted for only that part of the intercepting sewer system beginning at the west or dis-

charge end of an inverted siphon crossing Connoquenessing Creek opposite Negley Avenue and extending in a general easterly and northerly direction to its terminus on Elm Street. The plans of the comprehensive system of intercepting sewers and sewage treatment works, including the sites for both the main treatment works and the future east treatment works are approved only as a general scheme.

During Construction of the herein definitely approved part of the intercepting sewer system, extreme care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum and also to secure straight grades and alignment and smooth interior surfaces so that the maximum available velocities of flow may be effective, since the gradients of the proposed sewer are more flat than usually established, although the effort to secure gravity flow of sewage in this manner is to the economic advantage of the City.

Revised detail plans of sewage treatment works shall be submitted to the Sanitary Water Board for approval on or before December 31st, 1924. These plans shall show all features of design and construction in complete detail and provision shall be made therein for uniform distribution of the influent sewage to the separate units of the settling tanks. It is suggested that this be accomplished by means of multiple influent channels with adjustable control gates.

Provision shall be made in the plans for sewage treatment works to discharge the effluent from the settling tanks to Connoquenessing Creek in such a manner as to prevent a local nuisance and the means of accomplishing this shall be shown in full detail on the plans to be submitted.

On or before December 31st, 1924, the City of Butler shall submit to the Sanitary Water Board for approval revised detail plans of the main intercepting sewer extending from Island Avenue to the proposed site for the main sewage treatment works, these revised plans to provide for the discharge of the sewage of the entire City and that part of Butler Township to be served, to the sewage treatment works in such a manner that the intercepting sewer will not be surcharged and that self cleansing velocities may be secured. It is maintained that the design of the main intercepting sewer as shown on the plans herein considered would not provide sufficient velocities of flow, particularly at its lower end, to insure uninterrupted and reliable service.

Respectfully submitted,

Christian L. Siebert,
District Engineer

DlOk

413239

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3444

NUMBER 10.001 SE 02409-0693

Appendix A-5

ER-BWQ 271 (2-80)

00981965

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 Butler Area STP P 0693 3444

Bureau of Water Quality Management

00981966

Rec'd Sept. 30, 1924
Application Sept. 29, 1924 ..... No. 4837
Issued Oct. 22, 1924 ... Vol. 134 3444
Recorded Oct. 1, 1924 Vol. 110 ... Page. 11 ...
Report by .... Siebert .... No. 3899 Vol. 134

Name .....
Place ... Butler .....
County .. Butler .....
File No .....

Conditions and Stipulations	Disposition
*****requesting approval of a minor sewer extension	*****
*****which indicate that the city is proceeding with reasonable speed to carry out its sewerage project; that there is urgent need for a sewer in a certain section of the town to relieve sanitary conditions and the Bureau of Engineering of the Department of Health has reported that the sewer proposed for this section is of satisfactory design.	
The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the proposed minor sewer extension and the granting of a permit therefor, subject to certain conditions.	
The Sanitary Water Board at a meeting held on October 22, 1924, authorized the granting of a permit to the city of Butler approving the proposed minor sewer extension.	
Therefore, approval is hereby granted for the proposed minor sewer extension, as shown on one blue print, entitled, "City of Butler Plan and Profile of Proposed Sanitary Sewer on Jefferson St. and Locust St.", received in duplicate on September 17, 1924 and September 30, 1924, as proposed in the application and a permit issued therefor, subject to the following conditions:	
FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.	
SECOND: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.	
THIRD: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.	

Appendix A

00981967

Conditions and Stipulations	Disposition
FOURTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve. The attention of the city of Butler is directed to the tenth and twelfth conditions of the sewerage permit issued to the city on June 18, 1924, these conditions requiring that revised detail plans of sewage treatment works and of the main intercepting sewer extending from Island Avenue to the proposed site for the main sewage treatment works, shall be submitted to the Sanitary Water Board for approval on or before December 31, 1924. The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 25, 1921, regulating the practice of the profession of engineering, etc. TO BE RECORDED	Letter Nov 21-1924 by Mr C.A. Siebert, "Bureau of Eng. will not direct the attention of Sanitary Water Board to the delay in submission of the detail plans in question."

00981968

Application.....No.....	Name.....
Issued.....Vol.....No.....	Place..Butler.....
Recorded.....Vol.....Page.....	County..Butler.....
Report by.....No.....Vol.....	File No.....

Conditions and Stipulations | Disposition

SUBJECT: Sewerage
Butler, Butler County.

July 18, 1924.

To the Mayor and Members of City Council,
Butler, Butler County,
Pennsylvania.

Gentlemen:

Acknowledgment is made of the letter of your Consulting Engineer, Mr. Philip S. Wickerham, dated July 11, 1924, requesting approval of modifications in plans of intercepting sewers approved in a permit issued under date of June 18, 1924, these modifications being shown on two blue prints received in this office on July 12, 1924, and respectively entitled: "City of Butler, Sewage Disposal Plant, South Side High Level Collector, Shore Road to Connoquenessing Creek" and "City of Butler, Sewage Disposal Plant, South Side High Level Collector, Center Ave. to Negley Ave.", both plans being revised to June 1924.

These revised plans have been carefully examined and it has been determined that the proposed modifications are improvements, in every respect, over the previously approved plans. The hydraulics of the design have been improved and it is agreed that the changes will result in an economy in the cost of construction of the sewer in question.

Therefore, in conformity with Section 1809-A of the Administrative Code, approval is hereby granted of the proposed modification of plans of intercepting sewers for the city of Butler approved in a permit issued on June 18, 1924, as shown on plans above identified, subject to all conditions and stipulations of sewerage permits previously issued to the city of Butler.

Very truly yours,

DlOf

Secretary of Health.

PERMIT 3569

BUTLER INTERCEPTING AND OUTFALL SEWERS

413502
Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. - 3569

NUMBER 10,001 SE. 02409-0693

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER COUNTY.
APPLICATION #

July 28, 1925.

On June 1, 1925 an application was received in the office of the District Engineer at Meadville from the City of Butler, Butler County for approval of an intercepting and outfall sewer to extend from a manhole located on the existing main outfall sewer of the city at West Street and extending down and along Connoquenessing Creek to the previously approved site for sewage treatment works at Butchers Run.

This application is made in respon[se] to twelfth condition of a sewerage permit [issued] to the City of Butler on June 18, 1924, [requiring] that the city should submit for approval revised detail plans of the main intercepting sewer and that these plans should provide for the discharge of the sewage of the entire city and that part of Butler Township to be served, to the sewage treatment works in such a manner that the intercepting sewer would not be surcharged and that self-cleansing velocities might be secured.

The permit of June 18, 1924 also required that detail plans of sewage treatment works be submitted to

the Sanitary Water Board for approval. The application and plans for this project have just recently been received but because of the inability to complete the study of these plans at this time and the desire of the City of Butler to have approval of the intercepting sewer at once to permit immediate construction, the report on the plans of the sewage treatment works is deferred.

The total length of the main intercepting sewer from the existing manhole at West Street down stream along Connoquenessing Creek to the approved site for sewage treatment works at Butchers Run is about 8600 feet. The limiting features in design of this sewer are the pool elevation at a dam above which the outfall sewer of the sewage treatment works will discharge and the elevation of the invert of the existing outfall sewer at West Street. Because of the demand for the use of water for industrial purposes from the dam in Connoquenessing Creek at Butchers Run the city can not discharge the effluent of the proposed sewage treatment works to below the dam. The existing sewers in the low lying part of the city a short distance up stream from the proposed beginning of the new intercepting sewer are already quite near the surface of the ground and to increase the elevation of the upper end of the intercepting sewer would cause difficulties and

nuisances by the flooding of cellars with sewage.

Because of these limitations the designing engineer has found it difficult to design an intercepting sewer which would discharge the sewage of the city to the site for sewage treatment works by gravity but the subject has had most careful study by the designing engineer and by the Bureau of Engineering of the Pennsylvania Department of Health and it is believed that the plans now under consideration provide the best solution of the problem unless pumping should be resorted to and this would tremendously increase the cost of construction and operation.

The entire line of the proposed intercepting sewer from West Street south and east to the proposed sewage treatment works will be of 30 inch pipe. This pipe is to be of cast iron wherever the sewer crosses under the creek or where it is exposed to washing of the stream or other dangers. All other portions of the sewer will be constructed of first quality terra cotta pipe with heavy bituminous joints.

From East Street south to the west end of the previously approved inverted siphon under Connoquenessing Creek at Bailey Avenue, a distance of 1265 feet, the proposed 30 inch intercepting sewer is of not unusual

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design and will provide ample capacity and rather low but satisfactory velocities.

From the discharge end of the Negley Avenue inverted siphon south to station 37+25, where the sewage from practically all of the village of Lyndora in Butler Township will enter the intercepting sewer, a distance of approximately 3640 feet, the sewer will have a minimum grade of .034% which, using Kuttors value of n=.013, would afford a present maximum velocity of 1.6 feet per second and a future velocity of 1.71 feet per second when the sewer is operating at maximum velocity. The average grade of this part of the intercepting sewer is .04% and this will afford a capacity of 5.3 million gallons per day, a present maximum velocity of 1.73 feet per second and a future maximum velocity of 1.9 feet per second.

Between stations 51+ 60 and 52+24 on the main intercepting sewer there will be an inverted siphon, under Connoquenessing Creek, of two 16" and one 12" pipe. The design of this triple inverted siphon is satisfactory, there being dry wells provided at each end with removable fixtures so that the pipes may be individually rodded and cleaned. Each of the three pipes will be controlled with sluice gates. The combination of the two 16" and

one 12" pipe will adapt itself to the varying rates of sewage flow obtaining from the present time until the capacity of the intercepting sewer and the sewage treatment works is reached. The present minimum sewage flow in the siphon will be about 1.5 million gallons per day and this will produce a velocity of 2.96 feet per second. The maximum present sewage flow will be 3.1 million gallons per day producing a velocity of about 3.43 feet per second and the future maximum capacity of the siphon will be 5.6 million gallons which would provide ample velocities.

The intercepting sewer from station 37 25, where the Lyndora sewage will enter, down stream to station 0+0 at the site for sewage treatment works will be of not unusual design, although the gradient will be only .04%. This will provide a capacity of 5.3 million gallons per day. The velocity in this part of the intercepting sewer at the present minimum rate of sewage flow will be low, but a velocity of about 1.73 should be obtained at least every day with the present rate of flow and the future maximum velocities will be satisfactory.

[illegible] exist on Valley Run, a [illegible] to connect a force [illegible] the river and

of the herein considered intercepting sewer, and this dam on Sullivans Run is to be slightly modified to provide a pool elevation of 985 feet and a 12" pipe with sluice gate control is to lead from the pool to the upper end of the intercepting sewer, at elevation 980.43 feet, as a flushing connection and this should undoubtedly provide a safety factor in the operation and maintenance of the main intercepting sewer with its rather flat gradients.

It is desirable that sewer design provide greater velocities of flow than provided in the proposed intercepting sewer hereinbefore described but, as previously stated, the designing engineer has been confronted with the alternative of pumping practically all of the sewage of the City of Butler and the plans now under consideration, although not conforming in every respect to ordinary acceptable standards of hydraulics in sewer design, are probably the very best solution of the gravity flow problem for the discharge of the sewage from Butler to the previously [illegible] site for sewage treatment works. There is little doubt but that the sewer will [illegible] very good operation and that [illegible]

system in the City of Butler for maintaining the sewers in a satisfactory condition. It is believed that the Bureau of Engineering may safely recommend approval of the plans under consideration.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving plans of a proposed 30 inch main intercepting sewer to extend along Connoquenessing Creek from an existing manhole at West Street in a southerly and westerly direction to the proposed site for sewage treatment works at Butchers Run, as shown on plan entitled "City of Butler Sewage Disposal Plant, Main Outfall, Lyndora Sewerage, Plant Number 1" dated April 1, 1925, one print entitled "City of Butler, Sewage Disposal Plant, 30" Main Outfall, Projects 4 and 5", and one print entitled "City of Butler Sewage Disposal Plant, 30" Main Outfall, Project 6", these plans being respectively numbered 85, 89 and 90, respectively dated April 1925, March 1925 and March 1925 and being respectively received in the office of the District Engineer at Pittsburgh on June 17, 1925, June 17, 1925 and June 1, 1925, relative to [illegible] Numbers 1, 2, 3, 4,

-7-

6, 10 and 13 and to the following special condition:

During construction of the herein approved intercepting sewer, extreme care shall be taken to secure straight grades and alignment and smooth interior surfaces, in order that the maximum possible velocities of flow may be effective in the sewer. Proper care shall also be taken to secure tight joints in order to reduce infiltration by ground water to a minimum.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

DLCs

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On June first, one thousand nine hundred and twenty-five, an application was received from the city of Butler, Butler County, requesting approval of plans for an intercepting and outfall sewer to extend from a manhole on the existing main outfall sewer of the city at West Street, down and along Connoquenessing Creek to the previously approved site for sewage treatment works at Butchers Run, in accordance with the provisions of the Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the

application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that this application is made in response to the Twelfth Condition of the sewerage permit issued to the city of Butler on June eighth, one thousand nine hundred and twenty-four, which required the city to submit for approval, revised detailed plans of the main intercepting sewer, said plans to provide for the discharge of the sewage of the entire city and a part of Butler Township, to the sewage treatment works in such a manner that the intercepting sewer would not be surcharged and that selfcleansing velocities might be secured; that the city now submits such revised plans indicating an intercepting and outfall sewer through which the sewage of the city will flow by gravity; that the grades of the proposed intercepting and outfall sewer are slightly lower than is to be desired; that they are the best that can be secured and yet deliver the sewage by gravity to the sewage treatment works and thereby avoid pumping practically all of the sewage of the city; that it is expected to compensate somewhat for these low grades by especial care in the construction of the sewer in order to secure a very smooth interior surface, and that, therefore, the plans for the project can be approved.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the plans for the proposed extension to the public sewer system and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on August twelfth, one thousand nine hundred and twenty-five, authorized the granting of a permit to the city of Butler approving the plans for the proposed sewer extensions.

Therefore, approval is hereby given for the proposed intercepting and outfall sewer extending from a manhole located on the existing main outfall sewer of the city at West Street, down and along Connoquenessing Creek, to the previously approved site for sewage treatment works at Hutchens Run, as shown on the plans, entitled, "City of Butler, Sewage Disposal Plant, Main Outfall, Lyndora Sewerage, Plant Number 1", dated April first, one thousand nine hundred and twenty-five, one print entitled, "City of Butler, Sewage Disposal Plant, 20" Main Outfall, Projects 4 and 5", and one print entitled, "City of Butler, Sewage Disposal Plant, 20" Main Outfall, Project 6", these plans being respectively numbered 88, 89 and 90, respec-

tively dated April, one thousand nine hundred and twenty-five, March, one thousand nine hundred and twenty-five and March, one thousand nine hundred and twenty-five and being respectively received in the office of the District Engineer at Rockville on June thirteenth, one thousand nine hundred and twenty-five and June seventeenth, one thousand nine hundred and twenty-five and June first, one thousand nine hundred and twenty-five, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior severage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under rail-

roads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

SEVENTH: During construction of the herein approved intercepting sewer, extreme care shall be taken to secure straight grades and alignment and smooth interior surfaces, in order that the maximum possible velocities of flow may be effective in the sewer. Proper care shall also be taken to secure tight joints in order to reduce infiltration by ground water to a minimum.

EIGHTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the

413516

Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of engineering, etc.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD.

By .....
Charles E. Miner,
Chairman.

Attest .....
N. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
August twelfth, one thousand
nine hundred and twenty-five.

STATE OF PENNSYLVANIA :
: ss
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-five, before me, the Subscriber, a Notary Public, came the above named . . . . . CHARLES H. MINER . . . . . and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public.

Rec'd June 1, 1925
Application May 29, 1925
Issued August 12, 1925
Recorded

Vol 140 No 3569
Page
Vol

No 4980 Name
Place Butler
County Butler
File No

413518

Report by Siebert No 4026 Vol 140

Disposition

Conditions and Stipulations

*****requesting approval of plans for an intercepting and outfall sewer to extend from a manhole on the existing main outfall sewer of the city at West Street, down and along Connoquenessing Creek to the previously approved site for sewage treatment works at Butchers Run,*****

*****which indicate that this application is made in response to the Twelfth Condition of the sewerage permit issued to the city of Butler on June 8, 1924, which required the city to submit for approval, revised detailed plans of the main intercepting sewer, said plans to provide for the discharge of the sewage of the entire city and a part of Butler Township, to the sewage treatment works in such a manner that the intercepting sewer would not be surcharged and that self-cleansing velocities might be secured; that the city now submits such revised plans indicating an intercepting and outfall sewer through which the sewage of the city will flow by gravity; that the grades of the proposed intercepting and outfall sewer are slightly lower than is to be desired; that they are the best that can be secured and yet deliver the sewage by gravity to the sewage treatment works and thereby avoid pumping practically all of the sewage of the city; that it is expected to compensate somewhat for these low grades by especial care in the construction of the sewer in order to secure a very smooth interior surface, and that, therefore, the plans for the project can be approved.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the plans for the proposed extension to the public sewer system and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on August 12, 1925, authorized the granting of a permit to the city of Butler approving the plans for the proposed sewer extensions.

Therefore, approval is hereby given for the proposed intercepting and outfall sewer extending from a manhole, located on the existing main outfall sewer of the city at West Street, down and along Connoquenessing Creek, to the previously approved site for sewage treatment works at Butchers Run, as shown on the plans, entitled, "City of Butler, Sewage Disposal Plant, Main Outfall, Lyncora Sewerage, Plant Number 1", dated April 1, 1925, the [illegible] of

Conditions and Stipulations

Butler, Sewage Disposal Plant, 30" Main Outfall, Projects 4 and 5", and one print entitled, "City of Butler, Sewage Disposal Plant, 30" Main Outfall, Project 6", these plans being respectively numbered 83, 89 and 90, respectively dated April, 1925, March, 1925 and March, 1925 and being respectively received in the office of the District Engineer at Meadville on June 13, 1925; June 17, 1925 and June 1, 1925, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

SEVENTH: During construction of the herein approved intercepting sewer, extreme care shall be taken to secure straight grades and alignment and smooth interior surfaces, in order that the maximum possible velocities of flow may be effective in the sewer. Proper care shall also be taken to secure tight joints in order to reduce infiltration by ground water to a minimum.

EIGHTH: If at any time the sewerage system.....

The approval of plans of engineering structures.....

TO BE CONTINUED

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. - 3569

NUMBER 10.001 SE. 02409-0693

TR-880 271 (2-80)

09981969

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3569

Bureau of Water Quality Management

00981970

RECEIVED
JUN 1 - 1925

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:

In accordance with the provisions of The Administrative Code, approved June 7, 1923, the public authorities having by law charge of the sewer system of in County, in the State of Pennsylvania, hereby make application for the issuance of a permit for (Describe briefly the sewerage project for which this application is made, giving in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into waters of the State without treatment, application for permission so to do must be made herein)

00981971

as is more fully shown on the accompanying [illegible] copies of plans and surveys prepared by

and on the report thereon prepared by

all of which are made part of this application.

(SEAL)

Note. For affidavit which must be executed, see last page.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923

Section 202. * * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health: Sanitary Water Board * * *.

Section 432. * * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania.

Section 1810. * * * the Sanitary Water Board shall have the power and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 4 and 5 and sections 7 to 11 inclusive of the Act approved April 22, 1905, P. L. 260.

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

ACT APPROVED APRIL 22, 1905, P. L. 260.

"Section 1. Be it enacted, &c., That the term "waters of the State" wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

ACT APPROVED MAY 11, 1905, P. L. 312. [Municipal Consent to Article 12]

Section 5. "No contract for construction of any such sewer or sewer system shall be entered into and no account for the construction of the same shall have been allowed from the Commissioner of Health."

Section 13. "Boroughs may enter into agreements with municipalities or townships for the purpose of building sewers including trunk line sewers and sewage disposal plants. Such agreement shall provide for the cost and maintenance of the same."

Section 14. "No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the act of April twenty-second, one thousand nine hundred and five, page two hundred and nine entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 11, 1917, P. L. [illegible] [Sewage Disposal Chapter 11, Article 1]

Section 1052. "The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township, and to this end, the supervisors are authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights and interests therein as within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED JUNE 5, 1913, P. L. 372. [County Sewer Districts]

Section 1. "After such plans and specifications have been prepared by said county engineer as aforesaid and before presentation thereof to the court or grand jury as provided for in section three of this act, they shall be submitted to the State Department of Health, and approved by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 396, as AMENDED JUNE 15, 1911, P. L. 995. [Municipal (Sewage) Authorities]

Section 1. [illegible] That whenever in the opinion of [illegible] sewers or drains and a sewage disposal plant or plants or other, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State for the protection of the public health,' it shall be necessary or advisable for two or more municipalities or a municipality and a township to use such sewage system in common, then and in such case such municipalities or townships may unite in the construction and operation of such sewage system and [illegible]

NOTE: To [illegible] and township are concerned [illegible] of the pamphlet laws of 1917 [illegible] boroughs or townships.

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1942 has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

00981973

STATE OF PENNSYLVANIA,
COUNTY OF

being duly

according to law deposes and says that the foregoing application is made in pursuance of a

duly adopted by the of the

and approved by the thereof, on the

day of 19 and that the data shown on the plans and set forth in the

report accompanying the foregoing application and made a part thereof, are true to the best of his

knowledge and belief.

(Seal)

to and subscribed

before me this

day of May 19

Earl G. Phillips Alderman
Notary Public.

My Commission expires

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No Attested Rec'd

For

PLANS: Number of Rec'd

Serial No. File #547. Book # 2354 5 prints in duplicate

ASSIGNED TO Date Field Ins'p

REPORT BY Dated 7 21 25 Rec'd 8 10 25

ENGRS. STUDY NO. 41-6 Dated 8 10 25 By H. M.

APPROVED: Chief Engineer 8 12 25

Secretary of Health 8 12 25

SUBMITTED TO SANITARY WATER BOARD 8 12 25

PERMIT: Authorized by Sanitary Water Board 8 12 25 Dated 8 12 25

Sent to Date 8 12 25

REMARKS

PERMIT 3593

BUTLER SEWER EXTENSIONS FOR NORTH BUTLER, LYNDORA AND BREDINVILLE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS P-3593

NUMBER 10.909 SE 52049.693

1150197

RECEIVED
JAN 19
DISTRICT

[illegible] 4102

To the Commissioners of
Butler Township, Butler County,
Pennsylvania.

On March twenty-fourth, one thousand nine hundred and twenty-four, an application was received from the Commissioners of Butler Township, Butler County, requesting approval of plans for a system of sewers to serve the villages of North Butler, Lyndora and Bredinville, all in Butler Township and to discharge the sewage therefrom into the public sewer system of the city of Butler, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

1150195

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that in Butler Township adjacent to or near the city of Butler are the villages of North Butler, Lyndora and Bredinville; that from a drainage standpoint these communities are virtually a part of the city; that in them insanitary conditions exist because of the lack of sewerage facilities; that the Township Commissioners appreciating the needs of these sections have presented for the approval of the Sanitary Water Board, plans of a system of sewers in each of the three villages; that the sewage collected therein will be discharged into the public sewer system of the city of Butler; that the city's system has been so designed as to receive this sewage and convey it with the sewage of the city to a sewage treatment works; that the city of Butler is now engaged in the construction of an intercepting and outfall sewer leading to the selected site for said sewage treatment works; that it is also preparing revised plans for the sewage treatment works and after the approval thereof it proposes to contract

1150191

for the construction of said works; that the design of the proposed sewers in general is satisfactory and that, therefore, they can be approved.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the plans for the proposed sewers and the discharge of sewage therefrom into the public sewer system of the city of Butler and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on December twenty-third, one thousand nine hundred and twenty-five, authorized the granting of a permit to Butler Township approving the proposed sewers and the discharge of sewage therefrom into the public sewer system of the city of Butler.

Therefore, approval is hereby granted for the construction and use of the proposed sewers in Butler Township, as shown on one blue print entitled, "City of Butler, Sewage Disposal Plant, Main Outfall, Lyndora Sewerage", being sheet #8 of a folio of six blue prints received in the office of the State Department of Health on January nineteenth, one thousand nine hundred and twenty-four, and for the discharge

of the sewage from said sewers into the sewer system of the city of Butler, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

SECOND: The works shall be constructed under expert engineering supervision and competent inspection and in accordance with the plans as herein approved or amended and with the conditions of this permit.

THIRD: The municipality shall forthwith adopt and enforce an ordinance to require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system. This particularly applies in the case of the Standard Steel Company, the Forged Steel Wheel Company and any other corporations or individuals now discharging sewage at or near the village of Lyndora.

FOURTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

SEVENTH: On or before December thirty-first of each year the Township shall file in the office of the State Department

of Health satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

EIGHTH: The approval herein granted shall apply only to those proposed sewers for which both surface and invert elevations are shown on the plan above identified, all other proposed sewers being approved only as a general scheme but it being required that detail plans thereof be submitted to the Sanitary Water Board for approval before construction is authorized.

NINTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly

approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of engineering, etc.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD.

By . . . . . .
Charles H. Miner,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-five, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - CHARLES H. MINER - - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public.

[illegible]
[illegible] 4702

November 30, 1925.

On March 24, 1924, an application bearing date of October 17, 1923, was received from Butler Township, Butler County, requesting approval of a system of sanitary sewers to serve the villages of North Butler, Lyndora and Brodinville and to discharge into the sewer system of the City of Butler, all as shown on plans submitted with an application of the City of Butler for approval of plans of an intercepting sewer to discharge to a site for sewage treatment works.

Delay in consideration of this application was due to certain unsatisfactory features in the design of the proposed intercepting sewer of the City of Butler, to which the herein considered system of sewers was to discharge, and it was not until August 12, 1925 that a permit was issued to the City of Butler approving the main intercepting and collecting sewer extending from the City of Butler down along Connoquenessing Creek, passing through Lyndora and Brodinville, to the site for sewage treatment works at the confluence of Butchers Run with Connoquenessing Creek.

Now that the permit for the said intercepting sewer has been issued and the sewer is already practically so far, it is possible to give final attention to the long pending application of Butler Township.

The sewers for which approval is requested are intended to serve the villages in Butler Township which are adjacent to and supported by the Standard Steel Car Company which has extensive works in the township immediately southeast of the City of Butler.

The Standard Steel Car Company has already constructed a number of sewers through its extensive works and in several streets adjacent to the works, in Lyndora Village, to serve dwelling houses owned by the company. Some of the sewers are of the combined type and some receive only sewage but they all discharge, without any treatment whatsoever, to Connoquenessing Creek at eight places. The intercepting sewer of the City of Butler will intercept three of the existing sewers from the car company but the other sewers from Lyndora and the car company must be supplemented with considerable new construction before they can discharge to the main intercepting sewer.

A considerable portion of the Village of Lyndora, as well as Brodinville, has received much attention from this department in the past due to the existence of a great many insanitary conditions. The lack of sewer facilities has been the cause of overflowing privies and cesspools and a

great many instances where kitchen wastes and wash water now discharged to the street gutters.

The new proposed sewers would seem to be the only solution for the insanitary conditions in Lyndora and Bredinville and the construction of the system would do much to improve the tone of the entire vicinity and to stimulate building developments which are said to have been delayed only because of the lack of sewerage facilities.

The principal sewer proposed by the township will begin at the Butler intercepting sewer at Baron Avenue and will extend north on Hanson Avenue to Lovis Street and then northwest up Lovis Street and along Pierce Avenue, intercepting two new cut-off sewers which will be constructed near the creek to bring about discontinuance of the discharge of several existing sewers to the creek. That part of Hanson Avenue, north of Wilson Avenue and south of the City of Butler will also be served by the proposed sewer system.

The Bredinville sewer will extend along Three Degree Road and will connect with a six-inch cast iron pressure section directly to a manhole of the main intercepting sewer.

Certain parts of the proposed sewer system are shown only in general, it being impossible to determine invert elevations inasmuch as street grades have not yet been established, but the surface elevations given on the plans indicate clearly that the proposed system of sewers is entirely logical.

That part of the proposed sewer system in Butler Township for which both surface and invert elevations are given appears to be entirely satisfactory as to size, capacity, depth and location of manholes. A part of the sewer, comprising several hundred feet of 60" pipe on the property of the Standard Steel Car Company, will not produce velocities equivalent to those desired, at the beginning, but future expansion of the sewer system should bring about ample velocities and furthermore, it is believed that the daily peak flow will be sufficient to produce cleansing velocities in the sewer.

The Butler intercepting sewer has been designed to receive the sewage of the districts in which the herein considered sewer systems are proposed.

The plans herein considered do not provide for complete segregation of sanitary sewage from industrial wastes and storm water in the works of the Standard Steel Car Company and its subsidiary, the Forged Steel Wheel Company, and those private industries should be required to separate sewage from the large combined sewers now serving the industries, and to discharge the sewage to the herein considered system.

The City of Butler is now making final preparations for the construction of sewage treatment works and it is expected that a contract for those treatment works will be let in the very near future. This will provide for the treat-

ment of the sewage of the entire City of Butler and, if the herein considered Butler Township sewer system is approved and constructed, for most of the villages of Lyndora, Bradinville and Butler, so it would seem only proper that the township be required to bring about suitable segregation of all the sewage of the industrial works in that part of the township involved, and the discharge thereof to the intercepting sewer of the City of Butler.

An agreement has been entered into between the City of Butler and Butler Township whereby the former agrees to provide sewerage service as herein described, and a copy of the agreement accompanies the application under consideration.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the commissioners of Butler Township, Butler County, approving a system of sewers tributary to the main intercepting sewer of the City of Butler, as shown on one blue print entitled "City of Butler, Sewage Disposal Plant, Main Outfall, Lyndora Sewerage" being sheet #8 of a folio of six blue prints received in the office of the State Department of Health on January 19, 1924, subject to standard conditions numbers 4, 5, 6, 10, 11, 13 and 14, ("township" to be inserted for "municipality"), and to the following special conditions:

FIRST: The approval herein granted shall apply only to those proposed sewers for which both surface and invert elevations are shown on the plans above identified, all other proposed sewers being approved only as a general scheme but it being required that detail plans thereof be submitted to the Sanitary Water Board for approval before construction is authorized.

SECOND: The commissioner of Butler County shall require the Standard Steel Car Company, the Forged Steel Wheel Company and any other corporations or individuals now discharging untreated sewage to Connoquenessing Creek at or near the village of Lyndora, to immediately proceed with steps for discontinuance of the discharge of any sewage whatsoever, except to the system of sewers herein approved.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

PIOc

Rec'd March 24, 1924
Application March 20, 1924 No. 4762 Name
Issued December 23, 1925 Vol. 140 No. 3593 Place Butler Township
Recorded Mar. 24, 1925 Vol. Page County Butler
Report by Siebert No. 4050 Vol. 140 File No.

Appendix A-20-b

Conditions and Stipulations

Disposition

*****requesting approval of plans for a system of sewers to serve the villages of North Butler, Lyndora and Bredinville, all in Butler Township and to discharge the sewage therefrom into the public sewer system of the city of Butler,*****

*****which indicate that in Butler Township adjacent to or near the city of Butler are the villages of North Butler, Lyndora and Bredinville; that from a drainage standpoint these communities are virtually a part of the city; that in them insanitary conditions exist because of the lack of sewerage facilities; that the Township Commissioners appreciating the needs of these sections have presented for the approval of the Sanitary Water Board, plans of a system of sewers in each of the three villages; that the sewage collected therein will be discharged into the public sewer system of the city of Butler; that the city's system has been so designed as to receive this sewage and convey it with the sewage of the city to a sewage treatment works; that the city of Butler is now engaged in the construction of an intercepting and outfall sewer leading to the selected site for said sewage treatment works; that it is also preparing revised plans for the sewage treatment works and after the approval thereof it proposes to contract for the construction of said works; that the design of the proposed sewers in general is satisfactory and that, therefore, they can be approved.

*****recommended granting approval of the plans for the proposed sewers and the discharge of sewage therefrom into the public sewer system of the city of Butler and the granting of a permit therefor, subject to certain conditions.

*****authorized the granting of a permit to Butler Township approving the proposed sewers and the discharge of sewage therefrom into the public sewer system of the city of Butler.

Therefore, approval is hereby granted for the construction and use of the proposed sewers in Butler Township, as shown on one blue print entitled, "City of Butler, Sewage Disposal Plant, Main Outfall, Lyndora Sewerage", being sheet #8 of a folio of six blue prints received in the office of the State Department of Health on January 19, 1924, and for the discharge of the sewage from said sewers into the sewer system of the city of Butler, as proposed in

Conditions and Stipulations | 1150209 | Disposition

the application and a permit issued therefor, subject to the following conditions:

FIRST: During construction no radival changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

SECOND: The works shall be constructed under expert engineering supervision and competent inspection and in accordance with the plans as herein approved or amended and with the conditions of this permit.

THIRD: The municipality shall forthwith adopt and enforce an ordinance to require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults of cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system. This particularly applies in the case of the Standard Steel Company, the Forged Steel Wheel Company and any other corporations or individuals now discharging sewage at or near the village of Lyndora.

FOURTH: The municipality is hereby notified that a certificate of public convenience from the Public Service Commission is required before sewers are constructed under railroads or trolley lines and nothing contained herein shall be construed as relieving the municipality from such requirements.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

Form 664

Rec'd March 24, 1924
Application March 20, 1924 No. 4762
Issued December 23, 1925 Vol. 140 No. 3593
Recorded Vol. Page
Report by Siebert No. 4050 Vol. 140

Name 1150210
Place Butler Township
County Butler
File No.

Conditions and Stipulations #2.

Disposition

SEVENTH: On or before December 31st of each year the Township shall file in the office of the State Department of Health satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

EIGHTH: The approval herein granted shall apply only to those proposed sewers for which both surface and invert elevations are shown on the plan above identified, all other proposed sewers being approved only as a general scheme but it being required that detail plans thereof be submitted to the Sanitary Water Board for approval before construction is authorized.

NINTH; If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 25, 1921, regulating the practice of the profession of engineering, etc.

TO BE RECORDED.

1150212

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS P-3593

NUMBER 10.909 SE 52049-693

PERMIT 3596

BUTLER SEWER EXTENSION FIRST WARD

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. P-3596.

NUMBER 10,001 SE. 02409-0693

Copy

Sanitary Water Board
Form 10—Rev. May 1923

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

DISTRICT "C" OFF.
413357

APPLICATION # 4906

Application relative to MUNICIPAL SEWERAGE

From City of Butler
(Name of municipality)

March 11, 1925
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of Butler, Pennsylvania (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for extension of the sewerage system in the (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

First Ward, as shown by accompanying plans, Nos. 1 and 31, and profile sheet No. 1286.

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

Fred M. Harper. and in the report thereon prepared by
(Name of Engineer)

Fred M. Harper. all of which are made part of this application.
(Name of Engineer)

(Signed) Thos H Brown
(Name)

Mayor
(Title)

(SEAL) Butler, Pa
(Post office address for further correspondence)

Note. For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202. . . . The following departmental administrative boards . . . are hereby created in the respective administrative departments to which they are assigned: . . . To the Department of Health: Sanitary Water Board. . . .

Section 813. . . . The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Commissioner of Fisheries, the Chairman of the Public Service Commission, . . .

Section 1850. . . . The Sanitary Water Board shall have power and its duty shall be . . . to hear and pass upon applications and proposed plans submitted to the Commissioner of Health, . . . under sections 5 and 7 to 11, inclusive, of the Act, approved the Twenty-first day of June, one thousand nine hundred and sixty-seven (Pamphlet Laws 773), entitled "An Act . . . the granting of permits . . . sewage disposal works or plants . . . the supervision . . . of sewerage systems . . . ."

ACT APPROVED APRIL 22, 1905, P. L. 293.

"Section 1. Be it enacted, &c., That the term 'waters of the State' wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation or municipality shall place or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or quarries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act sewage shall be deemed as any substance that contains any of the waste products, or excreta of human beings or animals.

Section 2. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recover by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312. (The General Borough Code, Chapter 6, Article 12)

Section 5. "No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13. "Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1141. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 1. After such plans and specifications have been prepared by said county commissioners, and before presentation to the Commissioners of Health of the State [illegible] in accordance with the provisions of the act, entitled "An act to preserve the purity of the waters of the State for the protection of the public health," approved the fifth day of June, one thousand nine hundred and fifteen, [illegible] Sewer District, [illegible]

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912 has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

413360

STATE OF PENNSYLVANIA, }
COUNTY OF Butler } ss:

S. R. Twyford being duly

according to law deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the 11th day of March 1925 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Sworn to and subscribed before me this 11th day of March 1925

(Signed) S. R. Twyford
(Name)

City Clerk
(Title)

(Signed) Carl C. Phillips Alderman
Notary Public.

My Commission expires January 4th. 1926

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. 4908 Attested 3-11-25 Recd. 3-12-25

For approval of sewer extensions in First Ward

PLANS: Number of 2 (in duplic.) Rec'd. 3-9-25

Serial No. File #547 Book #22270 (2 prints in dupl.)

ASSIGNED TO Siebert Date 3-12-25 Field Ins'p.

REPORT BY Dated Rec'd.

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified Ack. Approval W. & P. R. B. C.

Approves Certified Permit to

RECEIVED
JAN 7 1926
DISTRICT "C" OFFICE

A-4905

413361

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On March twelfth, one thousand nine hundred and twenty-five, an application was received from the city of Butler, Butler County, requesting approval of plans for lateral sewer extensions, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the

application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the city of Butler is proceeding with the construction of its intercepting and main outfall sewer leading to the site for sewage treatment works; that it is also engaged in the preparation of revised detailed plans of sewage treatment works for submission to the Sanitary Water Board for approval; that after approval thereof the city plans to let a contract for the building of the sewage treatment works for which funds are available; that lateral sewers are needed in certain sections of the city in order to provide sewerage facilities and to keep pace with the growth of the city; that the design of the proposed sewers is satisfactory and that approval therefor can be given.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the proposed lateral sewer extensions and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on December fourth , one thousand nine hundred and

twenty-five, authorized the granting of a permit to the city of Butler approving the proposed lateral sewer extensions.

Therefore, approval is hereby granted for the proposed lateral sewer extensions to the public sewer system of Butler, as shown on two blue prints, one being a plan and without title and the other, a profile sheet, entitled, "City of Butler, Sewer Profiles of Fairview Ave., Cottage Hill Ave., Patterson Ave., Christie Ave. and Munts Ave.", both plans being received on March ninth, one thousand nine hundred and twenty-five, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine

hundred and twenty-one, regulating the practice of the profession of engineering, etc.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD.

By .....
Charles H. Miner,
Chairman.

Attest .....
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
December twenty-third, one thousand
nine hundred and twenty-five.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-five, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - CHARLES H. MINER - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public

413367

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION #4908

December 1, 1925.

Under date of March 11, 1925, the City of Butler made application for approval of extensions to its sewer system in the first ward of the city as shown on one plan and one profile submitted in duplicate with the application.

The proposed extensions to the sewer system for which approval is requested are in Fairview Avenue, Cottage Hill Avenue, Patterson Avenue, Christie Avenue and Kuntz Avenue. The sewers will be merely lateral extensions comprising about 2800 feet of 8" sewer pipe. The plans are entirely satisfactory as to grade, alignment, depth and location of manholes and the sewers should properly serve as intended.

The City of Butler is proceeding, as expeditiously as reasonably possible, with a program providing for sewage treatment works to treat the sewage of the entire municipal area and also a part of Butler Township adjacent to the city. The intercepting and main outfall sewer to the site for sewage treatment works is [illegible] and the city is now engaged in the preparation of [illegible] of sewage treatment works, [illegible] will be presented to the

Sanitary Water Board for approval in the very near future, inasmuch as the city has funds available for the construction of the works and desires to let the contract therefor as soon as possible.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving extensions to the sewer system of the city, as shown on two blue prints, one being a plan and without title and the other, a profile sheet, entitled "City of Butler. Sewer Profiles of Fairview Ave., Cottage Hill Ave., Patterson Ave., Christie Ave. and Kuntz Ave.", both plans being received on March 9, 1925, subject to standard conditions numbers 1, 4, 10 and 11.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

DlOc

Date March 1st, 1926 No 4105 Name 113659

Application March 12, 1926 No 5896 Place

Issued December 20, 1926 Vol 140 Page County

Recorded Dec. 28, 1926 Vol No 4049 Vol 140 File No

Report by Siebert Disposition

Conditions and Stipulations

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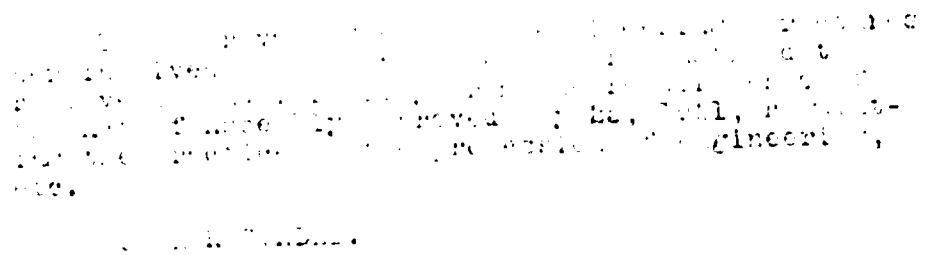

Applicant

Issued

Received

Report by

Page

Vol

No

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County

File No

Disposition

Conditions and Stipulations

Disposition

413372

413373

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP P-3596

NUMBER 10.001 SE. 02409-0693

PERMIT 3633

BUTLER SEWAGE TREATMENT WORKS AND SEWER SYSTEM EXTENSION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 3633

NUMBER 10.ec1 SE 02409-0693

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APR 1926

RECEIVED
JUL 11 1925

4132412

Sanitary Water Board Form 10

Appl # 5120

DISTRICT "C" OFFICE

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

PENNA. DEPT. OF HEALTH
BUREAU of ENGINEERING
Rec'd. APR 23 1926
Refd to

Application relative to MUNICIPAL SEWERAGE

From City of Butler
(Name of municipality)

June 23, 1925
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of The Administrative Code approved June 7, 1923, the public authorities having by law charge of the sewer system of Butler (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for constructing sewers disposal tanks, two low (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

level sewer lines mains and extensions to the high level collector system at Mill Street and Cedar Street, including two inverted siphons.

413242 DMC

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

Philip S. Dickerhum (Name of Engineer) and in the report thereon prepared by

Philip S. Dickerhum (Name of Engineer) all of which are made part of this application.

Thos. H. Lawrence (Name)

Mayor (Title)

(SEAL) (Post office address for further correspondence)

Note.—For affidavit which must be executed, see last page.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202.—"* * * The following departmental administrative boards* * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 433. —"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810.—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 1 and 3 and sections 7 to 11 inclusive of the Act approved April 22, 1905, P. L. 299.

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers not contrary to law heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

ACT APPROVED APRIL 22, 1905, P. L. 299.

Section 1. Be it enacted, &c., That [illegible] waters of the State, which [illegible] in this act, shall include all [illegible] lakes, ponds and springs, and all [illegible] whether natural or artificial, within the boundaries [illegible]

[illegible] shall [illegible] of [illegible] [illegible] discharge or permit to flow [illegible] shall not apply to waters [illegible] public sewer system, [illegible] discharging sewage into [illegible] shall not permit the discharge [illegible]

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 6, Article 12)

Section 5.—"No contract for the contruction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 810. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end, they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 391, as AMENDED JUNE 15, 1911, P. L. 981. (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health', it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Boroughs Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on pages 470 and 471 of the pamphlet laws of 1915, and on pages 984 and 988 of the pamphlet laws of 1917); hence it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth, interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

413244 DWR

STATE OF PENNSYLVANIA, } ss:
COUNTY OF Butler }

S. R. Twyford being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a Resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the twenty third day of June 1925 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

S. R. Twyford
(Name)

Sworn to and subscribed before me this 23rd day of June 1925

Clerk of Council
(Title)

Carl G. Phillips Alderman
~~Notary Public.~~

My Commission expires

BUREAU OF ENGINEERING
OFFICE RECORD

7-11-25 Dist "C"

APPLICATION: NO 5120 Attested 6-23-25 Rec'd 4-23-26 Hbg.

For Approval Sew. Treat. Works and addition to system.

PLANS: Number of 5 (in dupl.) Rec'd 4-23-26

Serial No. File #547 Book #22474

ASSIGNED TO Dishert Date 7 11 25 Field Ins'p

REPORT BY Dated Rec'd

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD Dated

PERMIT: Authorized by Sanitary Water Board Date

Sent to

REMARKS

#13245

STATE [illegible] YORK
[illegible] BUTLER COUNTY
APPLICATION #5120

April 14, 1926

On July 11, 1925 an application was received from the City of Butler requesting approval for the construction of sewage treatment works together with additions to the collecting system of sewerage. Duplicate plans for the treatment works were submitted at that time. However, these plans were revised, and on March 15th and March 30th, 1926 revised plans for the treatment works were submitted which included plain settling tanks with mechanical sludge removals and separate sludge digestion tanks.

[illegible] OFFER

Permits have been issued to the city during the past year or two approving the construction of a system for the collection of the sewage and conveying it to an approved site for the treatment works.

The studies made by the consulting engineer, as well as those of Department engineers, recognize that with the

development of the city toward the north and east, which seems the logical direction of growth, that another sewage treatment plant known as the East Plant would be the natural development. This feature has been borne in mind during the design of the collecting system and provision is made in the design so that a portion of the sewage now going to the plant under consideration can be carried to the East Plant site without major alterations of the existing collecting system. For this reason the construction of the treatment works herein considered has been restricted to the present population of the city, plus about 50% increase. However, provision has been made in the proposed design so that the existing plant may be enlarged to double that now proposed. In addition to doubling the proposed capacity of the plant there is 50 acres of land available for secondary treatment.

The plans under consideration propose bar screens, two plain settling tanks equipped with Dorr Company clarifiers, fourteen separate sludge digestion tanks, and glass covered sludge drying beds.

At the terminus of the 30" intercepting sewer and adjacent to the settling tanks the bar screens are provided. The invert of the screen chamber is offset .93 feet at a lower elevation in order to prevent surcharging of the lower end of the outfall sewer to the plant. The screen chamber is 30 inches in width and is provided with eleven 1/2 by 5/16" screen bars

spaced 2½ inches center to center. The bar screens are tilted so as to form an angle of about 30° with the horizontal. Immediately adjoining the upper ends of the bars a small draining platform has been provided to receive the material removed from the bars. From the screen chamber the sewage is conducted to the clarifier units by means of a concrete channel having a slope of .1%.

Two settling tanks 50 feet square with a minimum liquid depth of 6 feet are proposed. The bottoms of the settling tanks have a slope to the center of 1½ inches to the foot which will give a maximum depth at the center of the tanks of about 8 feet 6 inches. At the center of each tank provision is made for the collection of the solids by means of a cylindrical receiving pit three feet in diameter having a depth of 6 feet below the floor line of the tank. The bottom of the cylindrical sludge receiving well is cone shaped to facilitate complete removal of the sludge from the well.

The settling tanks are constructed of concrete and, calculated on an effective depth of 6 feet for settling, the two tanks have a combined capacity of 225,000 gallons, which is equivalent to 2.75 hours retention, figured on 1,600,000 gallons of sewage reaching the plant on a 20-hour day. On the design basis of the settling tanks, considering 1,700,000 gallons of sewage reaching the plant, the settling tanks will

have a capacity of two hours figured on gross dimensions on a 24-hour day.

The screened sewage enters at the northwest corner of the right tank where the influent channel is divided so that sewage may be applied at each of the tanks. Because of the unusual length of the influent channels, provision will be provided so arranged that they may be used to equalize the sewage flow to each tank. The influent channels to the tanks are on opposite sides and the sewage from each channel is applied to the tanks by means of two 6-inch diameter pipes. Inlet ports are arranged that the influent sewage will be applied downward. The channels are designed to prevent turbulent flowing.

Steel baffles 4 feet long and 18 inches in depth are supported from the channel directly in front of each inlet port. The center wall separating the two tanks supports the effluent channels which are 18 inches wide and 2 feet 10 inches deep. In each effluent channel there are two 8" S.E. outlets placed 5 feet center to center and each outlet is provided with sheer valves to assist in obtaining uniformity of velocity across the entire width of the tank.

Because of the fact that the extension arms of the Dorr Company scrapers can not reach to the corners of a rectangular settling basin the corners will be blocked off with concrete so that the sides of the filled section will

form a slope of 30° with the vertical. The clarifiers for scraping the solids to the sump at the center of the tanks are built by the Dorr Company and is their standard equipment for 80 foot square clarifiers. The clarifier equipment will be operated by electric power and the four arms with the blade arrangements for scraping the solids to the center of the tanks will make a complete revolution in 12½ minutes. Two of the arms equipped with scrapers are provided with extensions which operate in such a manner as to reach to the corners of the tank which are blocked off. The equipment and design of the tanks are in conformity with the recommendations of the Dorr Company excepting that the designer has provided a sludge sump deeper and having a greater capacity than that proposed and used by the Dorr Company in their standard layouts. In choosing this modification the designer believes that by providing a sludge collection well of larger capacity than that provided for by the Dorr Company it will be possible to collect the deposited solids to the withdrawal sump, thereby eliminating agitation of the solids by the revolving arms after the sludge is once brought to the center tank and before it is withdrawn. In any event if this feature should not work out as it is believed, it can be changed merely by filling in to that used by the Dorr Company in their practice.

In constructing the bottom of the settling tanks it

is proposed to install the clarifier equipment before pouring the bottom and the top equipment to finish the concrete, thereby covering the floor with the proper slopes. Sludge will be pumped by gravity through an 8" C.I. sludge pipe from the collection sumps to an inspection manhole located at the center of one of the settling tanks. The inspection manhole is provided so that the operator may see the character of the solids withdrawn from the settling tank and when the material has a high water content the operator will know that the solids have been removed from the settling tank. A 3.5 foot head is proposed for withdrawing the solids from the settling tanks to the inspection manhole. The effluent line from the inspection manhole is located at an elevation of one foot below the influent and has a slope of one foot in 25 feet to the ejector pit.

A Chemo ejector having a capacity of 150 gallons per minute is located in the ejector building adjacent to the digestion tanks. At the present time it is proposed to install only one ejector. However, duplicate air compressors and receiving tanks will be installed. Provision is made for the installing of the second ejector unit whenever conditions in the future warrant the installation. The removed solids from the settling tanks will be raised by the ejector to the sludge digestion tanks. These tanks are 16 by 16 feet in plan

and have a total depth, allowing one foot freeboard, of 25 feet. The tanks are arranged in two batteries of seven tanks each located side by side. Allowing for a 6" freeboard the tanks have a capacity of 6100 cubic feet which is equivalent to a total capacity of 84,000 cubic feet. With the existing population this capacity will provide for 3+ cubic feet per capita or on the design basis of the plant this capacity is equivalent to 2.8 cubic feet per capita.

The two rows of seven tanks are separated by a full height concrete partition wall. However, the separating walls of the individual tanks in each battery are only carried to within 8 feet of the top. Thus, when the tanks are filled to 16 feet above the spring line of the hoppers the contents of each battery will intercommunicate. This feature is incorporated so that each battery of tanks may be drained from one point and also that sludge may be drawn by gravity to the drying beds. It will be possible, by bulkheading, to counter any one of the individual tanks without lowering the liquid level in the adjacent tanks.

Provision is made in the piping of the tanks so that fresh sludge may be pumped to any one of the fourteen tanks. It is also arranged so that sludge from any tank may be withdrawn and pumped to any other tank, thereby permitting flexibility of operation as well as mixing the sludge of different tanks to get uniform sludge.

[redacted]

[redacted]

[redacted]

[illegible] sludge drying beds. The sludge beds have an area of [illegible] square feet, which is sufficient to dry sludge from the digestion tanks on the existing population. At the [illegible] end of the plant, 200 square feet per capita of drying bed will be provided. These figures are tentative, to be 2 and 3.5 pounds per capita flow of drying bed area respectively. In laying out the drying beds the designer has provided sufficient difference in elevation to cause the sludge to flow by gravity to the different beds. For this reason the elevation of the sand surface of the sludge beds may be half a foot [illegible]. However, if it is necessary, the piping is so arranged that sludge may be pumped to the drying beds.

Each bed is divided into four drying units separated by a concrete cross wall. An 8" C.I. sludge line connects the digestion tanks with the sludge drying beds and is so planned that sludge will be applied at four points. From the 8" main line 6" connections are made with a vertical riser which terminates 21 inches above the surface of the sand. The 6" riser is provided with a screw connection swinging joint so that by rotating the outlet sludge may be discharged to any one of four drying units. A valve is provided on this line for controlling the discharge of the sludge. Underneath the outlet point of the swinging connection 18-inch square splash plates are provided to prevent scouring of the sand

during the discharge. The maximum distance of travel of the sludge from the point of inlet to the furthest point on the bed is 65 feet.

The filtering media proposed consists of three inches of sand and a minimum depth of 15 inches of graded stone varying from 1/8 to 1½" in diameter.

Four-inch farm tile underdrains spaced on 6 foot centers will be provided for draining of the beds. The earth system of the drying bed will be constructed with ridges and valleys in order to facilitate quick drainage. The four-inch drain tile will cross the three drying beds and will connect to an 8" V.C. sewer which will discharge direct to Butchers Run.

An overhead trolley carrier system is proposed for removing the sludge from the three drying beds. A tilting bucket having a capacity of 2½ cubic feet is proposed.

The drying beds will be covered with standard greenhouse coverings. Each building will be provided with ridge ventilation and the two outside buildings will be provided with side ventilation.

The effluent of the settling tank will be discharged to Butchers Run by means of a 30" outfall sewer laid on a .5% grade and will have a capacity of three and a quarter million gallons per day.

The outfall sewer will terminate in Butchers Run

[redacted]

[redacted]

[redacted]

of a manhole near the corner of Center Avenue and Pine Street. The total pumping head is about 18 feet and the invert of the pressure line will approximate 1.35 feet above the invert of the 8" high level sewer.

The Zeigler Avenue pumping plant is an example of the plant above described excepting that a smaller area is served. The estimated present sewage flow is 8000 gallons per day while the estimated future flow will be about 40,000 gallons per day. An 8" C.I. pressure line will carry the discharge from the pumping station to the top of the hill on Zeigler Avenue a distance of about 850 feet. The pumping head will be about 65 feet and on the pressure line it is proposed to install two manholes with bituminized bowl for inspection or cleaning. From the manhole at the top of the hill on Zeigler Avenue near Pleasant View Avenue an 8" brick sewer is proposed to connect to the existing collecting system near Main Avenue. This gravity sewer will have a grade of about .5% and a carrying capacity of 650,000 gallons per day.

The two other extensions under consideration consist of short connections with inverted siphons crossing the creek and connecting to the existing system. On Cedar Street it is proposed to conduct the sewage from a point below Quarry Street by means of a 12" C.I. line underneath the B. & L.E. R.R. tracks to the bank of Connoquenessing Creek. From this point

[redacted] 8" C.I. inverted siphons will [redacted] Creek and connect to the proposed 8'-3" high level Sanitary Sewer. The sewage tributary to this proposed [redacted] rate of 4.0 cubic feet per second and it is estimated that the average flow will be 2,580 gallons per day but in time will be 115,000 gallons per day. The 12" C.I. line is laid on a grade of 1.0% and will have a capacity of about 1,200,000 gallons per day. The siphons will have an operative head of 2.15 feet and the combined capacity of the siphons will far exceed the estimated demand. Because of the fact that flows of sufficient quantity are not available at this time each 8" depressed section will be provided with a valve and also with a 2½" fire hose connection for flushing.

The Mill Street sewer consists of a new construction of about 350 feet of 8" line together with two 6" inverted siphons across N. Moorcroft Creek. The collecting system consists of about 385 feet of 8" terra cotta and about 300 feet of 8" C.I. The siphons have a length of about 150 feet and have available an operative head of about 1.9 feet. The inlet ends of the siphons are provided with valves and also a 2½" fire hose connection for flushing and cleaning. Considering the fact that this siphon will have only a small section tributary it is questionable whether satisfactory operation may be obtained without frequent flushing. However, with the flushing and cleaning facilities for sewers as is

found in a city the size of Butler there is no reason why approval should not be given to this system.

[redacted]

The type of sewage treatment works, namely, separate sludge digestion, as proposed at Butler is not a new type of plant. Several of the larger, older and better known plants embodying this process are the Birmingham, England, Birmingham, Alabama and Baltimore, Maryland plants. During the past several years the return of this type of plant has been [illegible] particularly so with the successful development of mechanical means for sludge removal in activated sludge plants, and incidentally, too, with the manufacturers of the mechanical equipment actively pushing the sale of the equipment.

The plant under consideration is of the general type above outlined except that mechanical equipment is proposed for the continuous removal of the fresh sludge deposited in the settling tanks. Records and information available show that this feature, using the proposed equipment for removal of the solids, has been in operation at a number of plants in this country, notably those at Brownville, Texas, installed in 1923 and at Syracuse, New York, the largest installation. The available information indicates that these and other plants having this same feature are operating successfully. While such information is not as complete as for other types of

Plants, it can hardly be considered that sequential means of sludge removal or separate digestion is unwise or experimental.

The following is a brief summary of the principal features and factors of design used in the proposed plants:

I. Population, - 1930--47,000 1960--54,000.

II. Sewage Flow, - Av. 1930--1,000,000 Design--1,750,000.

III. Settling Tanks (2), [illegible] minimum depth equipped with Dorr Company clarifiers.

(a) Detention period, - 2+ hours now
Design basis, 2 hours.

IV. Inspection manhole for noting character of removed fresh solids from clarifiers.

V. Digestion Tanks - 16 total - two batteries of 7 each.

(a) Capacity per capita, - 1930--3 cubic feet
1960--2.3 cubic feet.

(b) Provision for dewatering liquid with inspection manhole to observe character of withdrawn liquid.

(c) Flexible means of dewatering covering a 12 ft. range from top of tanks.

(d) Provision for circulation by pumping the sludge or fresh applied solids from one tank to another.

(e) Proposed return of dewatered liquid to influent of settling tanks.

(f) Point of application of fresh solids and removal of sludge 12 inches above hopper bottom of tanks.

(g) Sludge displaced by gravity to drying beds, with piping connection for pumping if necessary.

(h) Tanks to be banked completely with earth and covered in winter to minimize temperature changes.

(i) Valve extensions to be vertical, thereby preventing damage to the valve stems or extensions due to manipulation when the scum is frozen.

VI. Sludge Drying Beds - glass covered - 3 units.

(a) Area per capita, - 1938 [illegible] sq.ft.
1935 [illegible] sq.ft.

(b) Draining material, - 3" sand
15" min. depth above 3/8" tile

(c) Underdrains, - 4" farm tile 6' c to c.

(d) Sludge inlets, - 4 - revolving - [illegible] above [illegible]

(e) Crew head trolley system for removing the dried sludge from the beds.

VII. Plant layout arranged for doubling capacity with 2.5 acres remaining for future trickling filters.

Much can be said concerning certain the features of the design; however, the design in general appears to cover the expected operation ranges.

An important factor in the clarifiers is that of securing a smooth bottom with no waves and depressions, thereby facilitating complete sludge removal and preventing septic action. The Dorr Company recommends floating the concrete bottom in and finishing the concrete bottom to grade by operating the clarifier arms and shoes. A condition should stipulate or direct attention towards securing a smooth, even finish to the bottom of the clarifier.

The method proposed for the disposal of the excess liquid in dewatering the digestion tanks may prove to be detrimental to the settling efficiency of the clarifier units, because of the finely divided suspended and possibly colloidal

[illegible] the [illegible] of the [illegible] of the [illegible] of

[redacted]

[redacted]

[redacted]

Sewer Extension, Mill Street, L.I. Sanitary District, Nassau County, Sheet #28, duly received by the clerks of the Hempstead Highway at Mineola on March 16 and March 30, 1926, subject to the following conditions and stipulations:

Sewer Treatment Works

Standard conditions numbers 1, 2, 3, 4 and 6 and the following special conditions:

FIRST: Paving construction cuts shall be repaired to proper smooth, even bottoms for the pavings with.

SECOND: If it shall be determined by the State Department of Health that the discharge of the domestic liquid from the sludge digestion tanks to the influent of the sewering tanks is detrimental to the operation of said tanks, then the City of Butler shall make other provision for disposal of the liquid withdrawn in the process of dewatering the sludge digestion tanks.

THIRD: If the piping of the digestion tanks four-way branches shall be provided to replace the three-way branches as proposed, the fourth opening to be plugged until it may be found advisable to install at these points risers to intercept the fresh gaseous near the top of the tank.

FOURTH: If a nuisance is produced by the discharge of the settled sewage to Datchers Run at the point proposed, the City shall extend the outfall sewer to secure full dilution of the settled sewage with the waters of Pennsquessing Creek.

Sewer Connections and Extensions

Standard conditions numbers 1, 2, 3, 4, 10, 11, 13 and 14.

Respectfully submitted,

C. h. Young,
Assistant Engineer.

Dllc

Approved:

Christian [illegible]

413264

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3633

NUMBER 10.0.01 SE 02409-0693

ER-BWQ 271 (2-80)

00981974

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3633

Bureau of Water Quality Management

00981975

April 23, 1926 Hbg.
Reed July 11, 1925 Dist. "C"

Application June 25, 1925 No. 5120 Name

Issued April 28, 1926 Vol. 142 No. 3633 Place Butler

Recorded May 11-6 Vol. 417 Page 411 County Butler

Report by Young No. 4091 Vol. 142 File No.

Conditions and Stipulations | Disposition

*****requesting approval of plans for sewage treatment works and for extensions to the public sewer system,*****

*****which indicate that in prior sewerage permits plans for a comprehensive sewerage system, including sewage treatment works, for the city of Butler have been approved; that the city has been proceeding with the construction of its intercepting and main outfall sewers leading to the site for sewage treatment works; that with the pending application detailed plans for said sewage treatment works have been submitted; that the plans show works of satisfactory design, ample to meet the present and reasonably future needs of the city with provision for extension when necessary; that therefore, approval can be given.

The study further indicates that two sewage pumping stations will be needed to pump sewage from low level districts into high level districts; that at two creek crossings inverted siphons will be built; that the plans accompanying the application show a satisfactory design for each of these, and that they also can be approved in this respect.

*****recommended granting approval of the detailed plans for the proposed sewage treatment works and of the extensions to the collecting system and the granting of a permit therefor, subject to certain conditions.

*****authorized the granting of a permit to the city of Butler in accordance with the recommendations of the Chief Engineer, approved by the Secretary of Health.

Therefore, approval is hereby granted for the proposed sewage treatment works, and for the proposed extension to the public sewer system, as shown on the blue prints submitted in duplicate and entitled, "City of Butler, Sewage Disposal Plant, West Plant Site Layout, Sludge Drying Beds, Sheet #83"; "City of Butler, Sewage Disposal Plant, Sludge Tank Details, Sheet #84-A"; "City of Butler, Sewage Disposal Plant, Detention Tank Details, Sheet #84-B"; "City of Butler, Sewage Disposal Plant, Dorr Company Equipment for Detension Tanks, Sheet #84-C"; and "City of Butler, Sewage Disposal Plant, Project 8, Cedar Street H. L. Collector,

Mill Street H. L. Collector, Pumping Plants, Sheet No. #91"; and received in the office of the District Engineer at Meadville on March 16th and 30th, 1926, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: During construction of the sewage treatment works care shall be exercised to secure smooth, even bottoms for the clarifier units.

FIFTH: If it shall be determined by the State Department of Health that the discharge of the dewatered liquid from the sludge digestion tanks to the influent of the settling tanks is detrimental to the operation of said tanks, then the city of Butler shall make other provision for disposal of the liquid withdrawn in the process of dewatering the sludge digestion tanks.

SIXTH: In the piping of the digestion tanks four-way branches shall be provided instead of the three-way branches as proposed, the fourth opening to be blanked until it may be found advisable to install at three points risers to introduce the fresh solids near the top of the tank.

SEVENTH: If a nuisance should be produced by the discharge of the effluent from the sewage treatment works into Butchers Run at the point proposed, the city shall extend the outfall sewer into Connaquenessing Creek so that the outlet will be below low water mark and submerged at all times.

EIGHTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

NINTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior

00981977

April 23, 1926 Hbg.
Recd July 11, 1925 Dist "C"

Application June 25, 1925 No. 5120 Name

Issued April 28, 1926 Vol. 142 No. 3633 Place Butler

Recorded Vol. Page County Butler

Report by Young No. 4091 Vol. 142 File No.

Conditions and Stipulations #2. Disposition

surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

TENTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVENTH: On or before December 31st of each year the city shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 25, 1921, regulating the practice of the profession of engineering, etc.

TO BE RECORDED

PERMIT 3676

BUTLER SEWER EXTENSION FOR ZIEGLER, HICKORY, HEIM, STAGLE AND PLEASANT VIEW AVENUES

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 3676

NUMBER 10.001 SE. 02409-0693

Sanitary Water Board
Form 10—Rev. May 1925

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

RECEIVED
MAR 15 1926
DISTRICT "C" OFFICE

PENNSYLVANIA
BUREAU of ENGINEERING
Rec'd. JUN 3 1926
Ref'd to Hoffert
Your Ltr.
Rep. Ltr.
Prop. for
Report to
Your Ltr.
Note & File

Application relative to MUNICIPAL SEWERAGE

From City of Butler, Pa. (Name of municipality)

March 12, 1926 (Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of City of Butler (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for the construction of an 8 inch sanitary sewer on Ziegler Avenue First Ward, City of Butler flowing eastward along the South side of Ziegler Avenue to collect the sewage from the buildings along the South side of said Avenue and discharging into an ejector pit, also for two short sewers discharging into the same ejector pit, permission for which has been heretofore granted. All in accordance with the accompanying plans marked "Ziegler Avenue Profile".

(Describe briefly the sewerage project for which application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

as is more fully shown on the accompanying certified copies of plans and surveys prepared by Fred H. Harper. (Name of Engineer) and in the report thereon prepared by Fred H. Harper. (Name of Engineer) all of which are made part of this application.

George B Wiett
(Name)

Mayor
(Title)

Butler Pa.
(Post office address for further correspondence)

(SEAL)

Note.--For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202.—"* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 433.—"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810.—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 4 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty). * * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act:

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems;"

ACT APPROVED APRIL 22, 1905, P. L. 260.

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excretions or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 8, Article 12)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1144. The supervisors shall make the necesary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 832. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 388, as AMENDED JUNE 15, 1911, P. L. 959. (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on pages 470 and 471 of the pamphlet laws of 1915, and on pages 984 and 988 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL.

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

413269

STATE OF PENNSYLVANIA, }
COUNTY OF Butler } ss:

S B Swigford being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a Law duly adopted by the Council of the City of Butler and approved by the City Bureau Engineers thereof, on the 12th day of March 1926 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

S B Swigford (Name)

City Clerk (Title)

Sworn to and subscribed before me this 13 day of March 1926

Earl G Phillips Alderman Notary Public

MY COMMISSION EXPIRES JAN. 4, 1932

My Commission expires

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. 5135 Attested 3-13-26 Recd. 6-3-26 11 A.M. 3-15-26 "C"

For Permit for extension to sewer

PLANS: Number of 2 in dupl. Rec'd. 6-3-26

Serial No. Lic #547 - Book #22497

ASSIGNED TO Siebert Date 3-15-26 Field Ins'p.

REPORT BY Dated Rec'd.

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified Ack. Approval W. & P. R. B. E.

Approved Certified Permit to

413270

BUTLER SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION #5136

May 25, 1926

On March 15, 1926 an application was received from the City of Butler, Butler County, requesting approval of extensions to the Butler city sewer system comprising an 8" sewer on Zeigler Avenue, First Ward, City of Butler, flowing eastward along the south side of Zeigler Avenue to collect the sewage from the buildings along the south side of said avenue and discharging into an ejector pit, also for two short sewers discharging into the same ejector pit, all as shown on plans and profiles of the proposed extensions submitted with the application.

A number of sewerage permits have been issued to the City of Butler during the past few years approving plans of extensions to the public sewer system and of intercepting sewers, sewage pumping stations, main outfall sewer and sewage treatment works. The city is now engaged in the construction of its sewage treatment works, the intercepting system and

main outfall sewer having been practically completed. The sewage treatment works should be placed in operation some time either late in the present year or early in 1927.

The pumping station and force main on Zeigler Avenue extension, in the First Ward of the City of Butler have been approved by the Sanitary Water Board. The extensions to the sewer system for which the city now makes application for approval are merely tributary to the Zeigler Avenue pumping station. These now proposed extensions comprise about 1330 feet of 8" vitrified clay sewer.

The proposed sewer extensions, as shown on the plans under consideration, are satisfactory as to capacity, grade, depth and location of manholes and should properly serve the purpose intended.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving extensions to its public sewer system on Zeigler Avenue and in an unnamed thoroughfare and on private property lying north of Zeigler Avenue near the Zeigler Avenue sewage pumping station, all as shown on one blue print entitled "City of Butler, Proposed Sewers on Zeigler, Hickory, Heim, Hazle and Pleasant View Avenues", received on May 25, 1926 and one blue print entitled "City of Butler, Profile Zeigler

Avenue", received in the office of the District Engineer at Meadville on March 16, 1926, subject to standard conditions numbers 1, 2, 4, 10 and 11.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

D10c

413273

11/1923

#3614

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On March fifteenth, one thousand nine hundred and twenty-six, an application was received in the Department's District Office in Meadville, from the city of Butler, Butler County, requesting approval of certain extensions to the public sewer system, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made

by the Bureau of Engineering of the Department of Health which indicate that the city of Butler is now engaged in extending its public sewer system, in accordance with plans therefor heretofore approved; that part of this work includes the construction of a sewage treatment works; that the intercepting sewer system and outfall sewer have been practically completed; that as a part of the program the city now desires to make certain extensions to the sewer system, said extensions to be tributary to the Zeigler Avenue pumping station; that the design thereof appears to be satisfactory and approval therefor can be given.

The Assistant Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the proposed extensions to the public sewer system and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on October twenty-seventh, one thousand nine hundred and twenty-six, authorized the granting of a permit to the city of Butler in accordance with the recommendations of the Assistant Chief Engineer, approved by the Secretary of Health.

Therefore, approval is hereby given for the proposed extensions to the public system, comprising an eight inch sewer on Zeigler Ave , First Ward, City of Butler, extending eastward along the south side of Zeigler Avenue to collect the sewage from the buildings along the south side of said avenue and discharge into an ejector pit; also for the two short sewers discharging into the same ejector pit, all as shown on one blue print entitled, "City of Butler, Proposed Sewers on Zeigler, Hickory, Heim, Slagle and Pleasant View Avenues", received on May twenty-fifth, one thousand nine hundred and twenty-six and one blue print entitled, "City of Butler, Profile Zeigler Avenue", received in the office of the District Engineer at Meadville on March sixteenth, one thousand nine hundred and twenty-six, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plan herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FIFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May twenty-fifth, one thousand nine hundred and twenty-one, regulating the practice of the profession of engineering, etc.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD.

By . . . . . .
Charles H. Miner,
Chairman.

Attest . . . . . .
H. E. Moses,
For and in the absence of the Secretary.

Harrisburg, Pennsylvania,
October twenty-seventh, one thousand
nine hundred and twenty-six.

413278

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-six, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - CHARLES H. MINER - - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public.

413279

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. # 3674

NUMBER 10.001 SE 02409-0693

ER-BSQ 271 (2-80)

00981978

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10001 SE 02409 BUTLER AREA STP P 0693 3676

Bureau of Water Quality Management

00981979

Recd June 3, 1926 Hbg.
Recd March 15, 1926 Dist. "C"

Application March 13, 1926 No. 5135 Name

Issued October 27, 1926 Vol. 144 No. 3676 Place Butler

Recorded 6-11-7 Vol. 431 Page 260 County Butler

Report by Siebert No. 4134 Vol. 144 File No.

Conditions and Stipulations

Disposition

*****requesting approval of certain extensions to the public sewer system,*****

*****which indicate that the city of Butler is now engaged in extending its public sewer system,in accordance with plans therefor heretofore approved; that part of this work includes the construction of a sewage treatment works; that the intercepting sewer system and outfall sewer have been practically completed; that as a part of the program the city now desires to make certain extensions to the sewer system, said extensions to be tributary to the Zeigler Avenue pumping station; that the design thereof appears to be satisfactory and approval therefor can be given.

*****recommended granting approval of the proposed extensions to the public sewer system and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby given for the proposed extensions to the public sewer system, comprising an 8 inch sewer on Zeigler Avenue, First Ward, City of Butler, extending eastward along the south side of Zeigler Avenue to collect the sewage from the buildings along the south side of said avenue and discharge into an ejector pit; also for the two short sewers discharging into the same ejector pit, all as shown on one blue print entitled, "City of Butler, Proposed sewers on Zeigler, Hickory Heim, Slagle and Pleasant View Avenues", received on May 25, 1926 and one blue print entitled, "City of Butler, Profile Zeigler Avenue", received in the office of the District Engineer at Meadville on March 16, 1926, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the city of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

Conditions and Stipulations

00981980

Disposition

THIRD: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FIFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the Act of Assembly approved May 25, 1921, regulating the practice of the profession of engineering, etc.

TO BE RECORDED IN BUTLER COUNTY

PERMIT 3868

BUTLER SEWER EXTENSION FOR LYON AVENUE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT #3868

NUMBER 10001 SE 02409-0693

Entered "C" 413281

RECEIVED

JUL 21 1927

DISTRICT "C" OFFICE

Sanitary Water Board
Form 10—Rev. May 1923

Hand this application from Central Office

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

Appl. # 5345
Permit # 3869

From City of Butler
(Name of municipality)

July 19, 1927
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of Butler (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for an 8" sanitary sewer shown in heavy black lines, connecting with the present sewer on Norton Avenue, the dotted lines in the plan represent sewers already in or permission granted.
(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

Lyon Ave Sewer

as is more fully shown on the accompanying certified copies of plans and surveys prepared by Fred H. Harper (Name of Engineer) and in the report thereon prepared by Fred H. Harper (Name of Engineer) all of which are made part of this application.

Geo Bob Wick
(Name) Geo. Bob Wick

(Title) Mayor

(SEAL) Municipal Building, Butler, Pa.,
(Post office address for further correspondence)

Note.--For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202.—"* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 433.—"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810.—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 4 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty), * * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems;"

ACT APPROVED APRIL 22, 1905, P. L. 260.

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 6, Article 22)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1444. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 393, as AMENDED JUNE 15, 1911, P. L. 993, (Municipal Cooperative Sewerage).

Section 1. "• • • That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on pages 470 and 471 of the pamphlet laws of 1915, and on pages 981 and 988 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL.

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

STATE OF PENNSYLVANIA,
COUNTY OF Dauphin } ss.

D R Swyford being duly Sworn

according to law deposes and says that the foregoing application is made in pursuance of a [illegible] duly adopted by the Council of the [illegible] and approved by the [illegible] thereof, on the 5th day of May 19 27 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

D R Swyford (Name)

City Clerk (Title)

Sworn to and subscribed before me this 19 day of July 1927

Carl G Phillips.
Notary Public.

My Commission expires Jan 4-1931

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. 5345 Attested ____ Recd. ____

For ____

PLANS: Number of ____ Rec'd. ____

Serial No. ____

ASSIGNED TO ____ Date ____ Field Ins'p. ____

REPORT BY ____ Dated ____ Rec'd. ____

ENGRS. STUDY NO. ____ Dated ____ By ____

APPROVED: Chief Engineer ____

Secretary of Health ____

SUBMITTED TO SANITARY WATER BOARD ____

PERMIT: Authorized by Sanitary Water Board ____ Dated ____

Sent to ____ Date ____

REMARKS ____

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified ____ Ack. Approval W. & P. R. B. C. ____

Approved ____ Certified Permit to ____

413285

RECEIVED

"C" OFFICE

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On July twenty-first, one thousand nine hundred and twenty-seven, an application was received in the Department's District Office at Meadville, from the City of Butler, Butler County, requesting approval of a minor sewer extension on Lyon Avenue, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the

application have been examined by the Bureau of Engineering of the Department of Health which indicate that the proposed sewer extension will fit into the comprehensive scheme of sewerage for the city; that it is only a minor extension to be installed to provide service not now available; that the design of the sewer is satisfactory and approval therefor can be given.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended approval of the proposed minor sewer extension and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on August seventeenth, one thousand nine hundred and twenty-seven, authorized the granting of a permit to the City of Butler, in accordance with the recommendations of the Chief Engineer, approved by the Secretary of Health.

Therefore, approval is hereby granted for the proposed minor sewer extension, as shown on a plan, entitled, "City of Butler, Plan and Profile of Proposed 8" Sanitary Sewer on Lyon Avenue", bearing date of July eleventh, one thousand nine hundred and twenty-seven and received in the

office of the District Engineer at Meadville on July twenty-first, one thousand nine hundred and twenty-seven, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plan herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the laws of the Commonwealth regulating the practice of professional engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By . . . . . .
Theodore B. Appel, M. D.,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
August seventeenth, one thousand
nine hundred and twenty-seven.

413289

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN

On the . . . . . day of . . . . . In the year one thousand nine hundred and twenty-seven, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public

413290

SEWERAGE
BUTLER, BUTLER COUNTY
APPLICATION #[illegible]

July 26, 1927

On July 21, 1927 an application was received from the City of Butler, Butler County, requesting approval of a minor extension to the sewer system of the city on Lyon Avenue, as shown on plans submitted with the application.

The City of Butler is furnished with a quite complete system of sewers, a comprehensive sewerage plan having been approved by permit issued on June 27, 1921 and several other sewerage permits having been issued since then approving additional extensions to the sewer system, the need of which was not anticipated when the comprehensive plan was prepared.

Furthermore, the City of Butler is engaged in the construction of sewage treatment works and this project should be completed in the course of a month or two.

There are no requirements of sewerage permits which the city has not either complied with or is now engaged in fulfilling.

The proposed extension to the public sewer system on Lyon Avenue is only 230 feet long and will serve the extreme easterly end of Lyon Avenue, discharging to a manhole in the existing 8" sewer on Morton Avenue. The proposed extension will be of 8" pipe laid on a grade of 10%, at sufficient depth, without change of grade or alignment and with a manhole at the summit end, thereby conforming to acceptable standards of design of this Department.

The sewer is required to serve a new allotment which is now being developed.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler approving construction of minor extensions to the public sewer system of the city in Lyon Avenue as shown on a plan entitled "City of Butler, Plan and Profile of Proposed 8" Sanitary Sewer on Lyon Avenue", bearing date of July 11, 1927 and received in the office of the District Engineer at Pittsburgh on July 21, 1927, subject to standard conditions numbers 1, 10, 11 and 26.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

D10c

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #3868

NUMBER 10.001 SE 02409-0693

ER-BWQ 271 (2-80)

00981981

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3868

Bureau of Water Quality Management

Form 441 Reed August 1, 1927 Hk.
Reed July 21, 1927 D.....

00981982

Application July 11, 1927 No. ..10 Name

Issued August 17, 1927 Vol. 151 No. ..862 Place Butler

Recorded Vol Page County Butler

Report by Siebert No. 1522 Vol. 1.1 File No.

Conditions and Stipulations Disposition

*****requesting approval of a ... sewer extension on Lyon Avenue,*****

*****which indicate that the ... sed ... extension will fit into the ... of ... for the city; that it is only ... extension to be installed to ... service ... that the design ... approval therefor can be given.

*****recommended approval of the proposed ... sewer extension ... the ... of ... per it therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby granted for the proposed minor sewer extension, shown on a plan, entitled, 'City of Butler, Plan and Profile of Proposed 8" Sanitary Sewer on Lyon Avenue', bearing date of July 11, 1927 and received in the office of the District Engineer at Meadville on July 21, 1927, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewera e permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plan herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FOURTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

Conditions and Stipulations	0098198 3	Disposition
The approval of plans herein given shall not be deemed or construed to relieve the municipality from the requirements of the laws of the Commonwealth regulating the practice of professional engineering. TO BE RECORDED IN BUTLER COUNTY		

PERMIT 3983

BUTLER SEWER EXTENSION FOR ALLEY BETWEEN FULTON AND PEARL STREETS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 3983

NUMBER 10.001 SE. 02409-0693

RECEIVED

APR 20 1928

DISTRICT "C" OFFICE

Sanitary Water Board
Form 10—Rev. May 1923

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From City of Butler
(Name of municipality)

April 17, 1928
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of City of Butler (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for the construction of an 8" san. sewer on (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein) the alley parallel with and between W. Pearl and W. Fulton Streets from the end of the present sewer westward a distance of about 515 feet as indicated on the City of Butler's plan No. 1286

as is more fully shown on the accompanying certified copies of plans and surveys prepared by Fred M. Harper. (Name of Engineer) and in the report thereon prepared by Fred M. Harper. (Name of Engineer) all of which are made part of this application.

City of Butler Pa. (Name)

By C. K. Dingford

CITY CLERK (Title)

(SEAL)

Municipal Building (Post office address for further correspondence)

Note.--For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202.—"* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 433.—"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810.—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 4 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty), * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems;"

ACT APPROVED APRIL 22, 1905, P. L. 321.

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or quarries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of [illegible] sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health [illegible] shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 6, Article 12)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1144. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1889, P. L. 393, as AMENDED JUNE 15, 1911, P. L. 993. (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned. (see citations on pages 170 and 471 of the pamphlet laws of 1915, and on pages 981 and 988 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL.

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

413297

STATE OF PENNSYLVANIA, }
COUNTY OF Butler. } ss:

S. R. Twyford being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the ninth day of April 1928 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Sworn to and subscribed before me this 19 day of April 1928

Earl G. Phillips
Notary Public.

My Commission expires Jan 4-1931

City of Butler Pa
by Earl Twyford (Name)
City Clerk. (Title)

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. _____ Attested _____ Recd. _____

For _____

PLANS: Number of _____ Rec'd. _____

Serial No. _____

ASSIGNED TO _____ Date _____ Field Ins'p. _____

REPORT BY _____ Dated _____ Rec'd. _____

ENGRS. STUDY NO. _____ Dated _____ By _____

APPROVED: Chief Engineer _____

Secretary of Health _____

SUBMITTED TO SANITARY WATER BOARD _____

PERMIT: Authorized by Sanitary Water Board _____ Dated _____

Sent to _____ Date _____

REMARKS _____

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified _____ Ack. Approval W. & P. R. B. C. _____

Approved _____ Certified Permit to _____

413298

RECEIVED
JUN 5 1928
DISTRICT ENGINEER'S OFFICE

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On April twentieth, one thousand nine hundred and twenty-eight, an application was received in the Department's District Office at Meadville, from the City of Butler, Butler County, requesting approval of a minor sewer extension, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three, amended April thirteenth, one thousand nine hundred and twenty-seven.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the City is desirous of installing a public sewer in an alley between Fulton and Pearl Streets; that this sewer is to serve properties in that section now connected to a private sewer which has not functioned properly and is reported as having been condemned by the City; that the proposed sewer extensions will form a part of the comprehensive sewer system of Butler; that its design is satisfactory and approval therefor can be given.

The Bureau of Engineering has recommended approval of the construction and use of the proposed lateral sewer extension and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on May twenty-second, one thousand nine hundred and twenty-eight, authorized the granting of a permit to

the City of Butler in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given for the construction and use of the proposed lateral sewer extension in the alley between Fulton and Pearl Streets, as shown on two blue prints entitled, "City of Butler, Plan of Sewer Extension, Fifth Ward", without date, and "Profile of Alley North of Pearl Street from Second Alley West of Washington Street West", dated April first, one thousand nine hundred and twenty-seven, both received in the office of the District Engineer at Meadville on April twentieth, one thousand nine hundred and twenty-eight, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

THIRD: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FOURTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

413302

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By . . . . . .
Theodore B. Appel, M.D.,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
May twenty-second, one thousand
nine hundred and twenty-eight.

413303

SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION # 572

May 7, 1928

Under date of April 17, 1928 the City of Butler, Butler County, made application for approval of an extension to its sewer system, as shown on one plan and profile submitted with the application.

The proposed extension to the sewer system for which approval is requested is in an alley between Fulton and Pearl streets in the northern part of the City of Butler. The properties on Fulton street were developed by a real estate company that provided a 4" private sewer across the lots to an alley where it connected to the city sewer system. This sewer has been troublesome to maintain and as a result has been condemned by the city, and it is now proposed to construct an 8" sewer in the alley between the above named streets.

The proposed sewer is satisfactory as to size, grade, depth, etc., and it will be a great benefit to property owners by removing the present unsatisfactory condition.

The City of Butler has complied with the conditions of former sewerage permits and within the next month or six weeks will place in operation a sewage works for the removal of settleable solids.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving an extension to the city sewer system, as shown on two blue prints entitled "City of Butler, Plan of Sewer Extension, Fifth Ward", without date, and "Profile of Alley North of Pearl Street From Second Alley West of Washington Street West", dated April 1, 1927, both received in the office of the District Engineer at Meadville on April 20, 1928, subject to standard conditions numbers 1, 4, 10 and 11.

Respectfully submitted,

C. H. Young,
District Engineer.

Dllc

Application No. Name

Issued Vol No. Place

Recorded Vol. Page County

Report by No. Vol. File No.

Conditions and Stipulations Disposition

113366

413307

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 3983

NUMBER 10.001 SE 02409-0693

ER-BWQ 271 (2-80)

00981984

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 3983

Bureau of Water Quality Management

Reviewed 6/12/28 - Attorney Board

Form 441

00981985

Rece[illegible] 2, 19[illegible]
Application [illegible] 12, 19[illegible] No. 5482 Name

Issued May [illegible], 19[illegible] Vol. [illegible] No. [illegible] Place Butler

Recorded May 31 1928 Vol. Deed Book 447 Page 28 County Butler

Report by [illegible] No. [illegible] Vol. [illegible] File No.

Conditions and Stipulations

Disposition

* * * * * requesting approval of a minor sewer extension * * * *

* * * * * which indicate that the City is desirous of installing a public sewer in an alley between Fulton and Pearl Streets; that this sewer is to serve properties in that section now connected to a private sewer which has not functioned properly and is reported as having been condemned by the city; that the proposed sewer extensions will form a part of the comprehensive sewer system of Butler; that its design is satisfactory and approval therefor can be given.

The Bureau of Engineering has recommended approval of the construction and use of the proposed lateral sewer extension and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board * * * * * *

Therefore, approval is hereby given for the construction and use of the proposed lateral sewer extension in the alley between Fulton and Pearl Streets, as shown on two blue prints entitled, "City of Butler, Plan of Sewer Extension, Fifth Ward", without date, and "Profile of Alley North of Pearl Street from Second Alley West of Washington Street West", dated April 1, 1927, both received in the office of the District Engineer at Meadville on April 20, 1928, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

THIRD: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

Conditions and Stipulations	00981986	Disposition

FOURTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

TO BE RECORDED

PERMIT 4085

BUTLER EXTENSION FOR FULTON AND PEARL STREETS

413388
Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT # 4085

NUMBER 10.001 SE 02409-0693

413309

Entered

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From City of Butler
(Name of municipality)

November 16, 1928
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of The Administrative Code approved June 7, 1923, the public authorities having by law charge of the sewer system of Butler (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for sewerage extensions to serve Fulton and (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

Chestnut Streets district as shown on plans submitted.

as is more fully shown on the accompanying certified copies of plans and surveys prepared by FRED M HARPER (Name of Engineer) and in the report thereon prepared by Fred do (Name of Engineer), all of which are made part of this application.

Fred McSparren (Name)

City Engr (Title)

Butler Pa (Post office address for further correspondence)

(SEAL)

Note.—For affidavit which must be executed, see last page.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 201.—* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 423.—* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania.

Section 1810.—* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 1 and 3 and sections 7 to 11 inclusive of the Act approved April 22, 1905, P. L. 260.

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems.

ACT APPROVED APRIL 22, 1905, P. L. 260.

Section 1. Be it enacted, &c., That the * * * waters of the State * * * wherever used in this act, shall include all rivers, * * * and all lakes or bodies of surface and of ground water, whether natural or artificial, within the boundaries of this State.

Section 3. * * * [illegible] shall place, or permit to be placed, or continue, or permit to continue, any sewage matter, * * * into any of the waters of the State, * * * Provided, That this act shall not apply to waters polluted by sewage matter * * * at the time of the passage of this act, nor to the * * * discharge of sewage from any public sewer system owned and maintained by a municipality, * * * at the time of the passage of this act. But no person or municipality shall increase the pollution of any of the waters of the State by the discharge of sewage into any of the waters of the State at the time of the passage of this act, * * * [illegible] of sewage from a sewer system which shall be extended after the passage of this act, * * * [illegible] the discharge

For the purpose of this act, sewage shall be deemed as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years; and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 6, Article 12)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreements shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 11, 1917, P. L. 809. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end, they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 388, as AMENDED JUNE 15, 1911, P. L. 995. (Municipal Cooperative Sewerage)

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health', it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned, (see citations on pages 170 and 171 of the pamphlet laws of 1915, and on pages 984 and 985 of the pamphlet laws of 1917); hence it appears that the above section now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth, interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912 has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

STATE OF PENNSYLVANIA,
COUNTY OF Butler } ss:

I, George B. Wick, Mayor, being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a Resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the 29th day of October 1928 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

George B. Wick (Name)
Mayor City Butler (Title)

Sworn to and subscribed before me this 16th day of November 1928

City Clerk Notary Public.

My Commission expires 1932

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: NO Attested Rec'd

For

PLANS: Number of Rec'd

Serial No.

ASSIGNED TO Date Field Ins'p

REPORT BY Dated Rec'd

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

413313

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On November sixteenth, one thousand nine hundred and twenty-eight, an application was received in the Department's District Office at Meadville, from the City of Butler, Butler County, requesting approval of extensions to the public sewer system, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three, amended April thirteenth, one thousand nine hundred and twenty-seven.

413314

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the City of Butler is proposing to install a small district sewer system to care for a plot of land recently sub-divided in the Fulton and Pearl Streets section of the City; that these sewers will be tributary to the Chestnut Street sewer and the sewage collected therein will be delivered to the City sewage treatment works; that their design is satisfactory and approval therefor can be granted.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on November twenty-seventh, one thousand nine hundred and twenty-eight, authorized the granting of a permit to the City of Butler, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby granted for the construction and use of the proposed sewer extensions, as shown on a plan and three profiles entitled, respectively, "------", without date, "City of Butler, Profile of Alley North of Pearl St. From Second Alley West of Washington

St. West", dated April first, one thousand nine hundred and twenty-seven, "Profile Fulton St., Washington St. to Bredin Line", dated May twenty-second, one thousand nine hundred and twenty-five, and "------" undated, all received in the office of the District Engineer at Meadville on November sixteenth, one thousand nine hundred and twenty-eight, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By . . . . . .
Theodore B. Appel, M. D.,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
November twenty-seventh, one thousand
nine hundred and twenty-eight.

413318

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-eight, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
APPLICATION #3581

November 16, 1928

On November 16, 1928 the City of Butler, Butler County, made application for approval of extensions to its sewer system, as shown on one plan and three profiles submitted with the application.

Under date of May 22, 1928 a permit was issued to the City of Butler approving the construction of minor extensions to its sewer system in the northwestern portion of the city between Fulton and Pearl Streets. The application under consideration is for providing sewers in this same section partly for a plot of land recently subdivided. The system of sewers proposed will serve Chestnut Street and Chestnut Street Extension, Fulton Street, West Pearl Street and certain alleys in this immediate section.

With the exception of a 240-foot extension to the Fulton Street sewer, the remaining sewers form a small district sewer system which will discharge to the terminus

of the Chestnut Street sewer about 150 feet south of the corner of Pearl and Chestnut Streets.

The sewers are all 8" T.C., having a minimum grade of 1% and a maximum grade of 24.6%. The maximum spacing of manholes is about 300 feet.

The size, grade, depth, spacing of manholes, etc. of the proposed sewers are in accordance with good practice and since the City of Butler has complied with conditions of former sewerage permits there is no reason why approval should not be granted.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving extensions to the city sewer system as shown on the plan and three profiles entitled, respectively, "-----", without date, "City of Butler, Profile of Alley North of Pearl St. From Second Alley West of Washington St. West" dated April 1, 1927, "Profile Fulton St., Washington St. to Brodin Line" dated 5-22-25, and "-----" undated, all received in the office of the District Engineer at Meadville on November 16, 1928, subject to standard conditions Nos. 1, 2, 3, 4, 10 and 11.

Respectfully submitted,

C. E. Young,
District Engineer.

Plle

413321

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.#4085

NUMBER 10.001 SE 02409-0693

00981987

R-BWQ 271 (2-80)

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 4085

Bureau of Water Quality Management

Returned to Water Supplement

00981988

Form 661 Read November 19, 1928 [illegible]
Read Nov[illegible] 1928 D[illegible]

Application [illegible] No. [illegible] Name [illegible]

Issued [illegible] Vol. [illegible] No. [illegible] Place Butler

Recorded Dec 6 '28 Vol. 453 Page 226 County Butler

Report by [illegible] No. [illegible] Vol. [illegible] File No. [illegible]

Disposition

Conditions and Stipulations

*****requesting approval of extensions to [illegible] sewer system,

*****which indicate that the City of Butler is proposing to install a small district sewer system to care for a lot of area recently subdivided in the Fulton and Pearl Streets section of the City; that these sewers will be tributary, to the Chestnut Street sewer and the sewage collected therein will be delivered to the City sewage treatment works; that their design is satisfactory [illegible] can be granted.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board [illegible]

Therefore, approval is hereby granted for the construction and use of the proposed sewer extensions, as shown on a plan and three profiles entitled, respectively, "-----", without date, "City of Butler, Profile of Alley North of Pearl St. from Second Alley West of Washington St. West", dated April 1, 1927, "Profile Fulton St., Washington St. to Bredin Line", dated May 22, 1925, and "-----" undated, all received in the office of the District Engineer at Meadville on November 16, 1928, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclu-

00981989

Conditions and Stipulations

Disposition

sively as carriers of [illegible]
industrial wastes.

FIFTH: [illegible]
sewers, proper care shall be [illegible]
joints in order to prevent [illegible]
water to a minimum, and also to prevent [illegible]
grades and alignment and smooth interior surfaces
in order to deliver the sewage to the outlet [illegible]
fresh a condition as possible.

SIXTH: If at any time the sewage system of the
municipality, or any part thereof, or the discharge
of sewage therefrom, shall have created a public
nuisance or become a menace or prejudicial to the
general interests of the public health, the munici-
pality shall forthwith adopt such remedial measures
as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed
to be an intent on the part of the Sanitary Water
Board to approve any act made or to be made by the
municipality inconsistent with its lawful powers
or with existing laws of the Commonwealth regulat-
ing sewerage and the practice of the profession of
engineering.

TO BE RECORDED IN [illegible] COUNTY

PERMIT 4158

BUTLER EXTENSION FOR MCKEAN AND CEDAR STREETS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT.# 4158

NUMBER 10,001 SE. 02409-0693

REMARKS

This application is supplementary to application made by Butler Township, Butler County, dated January 5, 1929. This extension to be constructed to provide a connecting link between Reitz Subdivision sewers and City of Butler sewer on Lodge Street so as to convey sewage from subdivision to Butler sewage treatment works. McKean Street extension is to provide facilities for a short section of that street.

Grades, sizes and velocities are satisfactory.

Cliff Street sewer is an 8" C.I. line, already constructed, discharging sewage from a small territory directly to inverted siphon under Connoquenessing Creek, thence to 20" high level collector. Center Avenue pumping station has at times been overloaded and this sewer was built to relieve this condition by bypassing a portion of the sewage around the station.

RECOMMENDATIONS

It is recommended that a permit be granted subject to the following standard stipulations as adopted January 10, 1923: 1, 2, 3, 4, 10, 11 and 28.

Respectfully submitted,

[illegible],
Assistant Engineer.

120c

[illegible]

[illegible]

REPORT UPON APPLICATION FOR PERMIT FOR SEWER EXTENSIONS

City: Butler County: Butler

Application No. 5636 Public Received: 1-4-29

See Plans received 1-4-29 entitled "Grading Plan, McKean Street Extension, Butler, Pa.", dated September 1928, drawing No. 3070-02, one profile entitled "Road Profiles to Accompany Drawing No. 3070-02" and "Sanitary Sewer Profile Connecting Subdivision to M.H. on Cedar St.", also plan received 11-28-28 entitled "City of Butler, Supplementary Project 8, Cliff St. High Level Collector - Billingsley Sewer", dated Nov. 1928.

Application for Approval of plans for extensions to Cedar Street and McKean Street sewers, and Cliff Street bypass around Center Avenue pumping station.

Watercourse to which Sewage will be Discharged: Connoquenessing Creek, a tributary of Beaver River.

ENGINEER'S REPORT UPON APPLICATION

March 1, 1929

General Nature of the Application: Extension to McKean Street sewer and extension to Cedar Street sewer to collect sewage from Reitz Subdivision, Butler Township, and relief sewer to bypass portion of sewage around Center Avenue pumping station.

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From

Date

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 in the public authorities having by law charge of the sewer system of

County, in the State of Pennsylvania, hereby make application for the issuance of a permit for

...of which are made part of this application.

...S. Steel, Pa
by S R Twyford
City Clerk
Butler, Pa
Post office address for business correspondence

SEAL

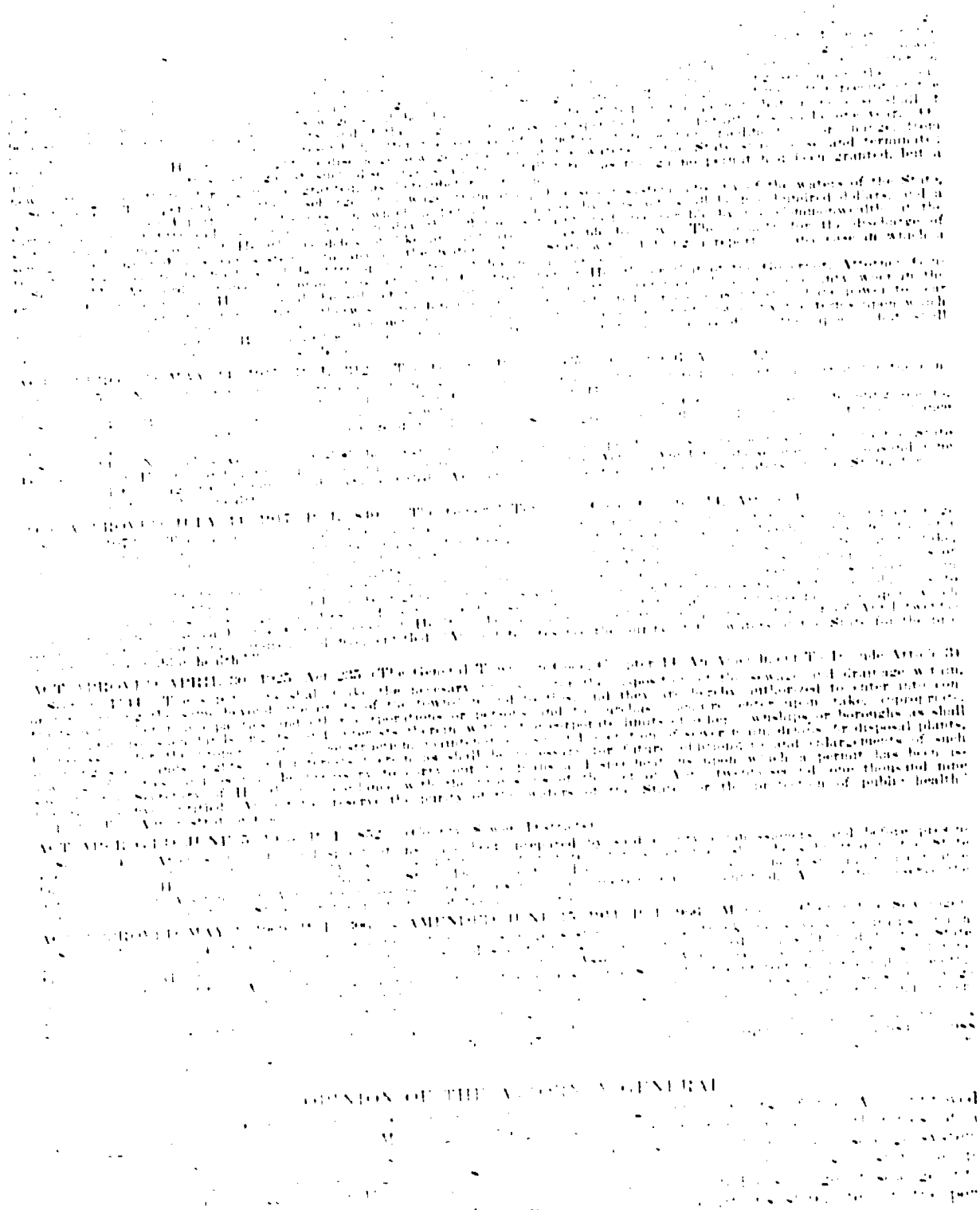
Note—Use colored ink which must be excepted, see last page.

Note —All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE AUTHORITY ACT 7 1955

...Boards ... are hereby created ... the respective ad... Health, Secretary of Welfare and ... the Secretary of Health ... to exercise ... chairman of the ... Secretary of Health ... Commissioner of Public Welfare ... powers and duties ... shall be ... Department of Health ... and imposed ... by the ... Department of Health ... and ... Department of Public Welfare ... the general ...



STATE OF PENNSYLVANIA
COUNTY OF Butler
City of Butler

...ing duly sworn according to law deposes and says that he is the ... of the ... presentation of a

Resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the 19th day of December 1928 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

City of Butler Pa
by J R Twyford
City Clerk

Sworn to and subscribed before me this 4th day of January 1929

Clara Phillips
Notary Public.

My Commission expires Jan 6 1929

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION No. — Attested — Rec'd.

For

PLANS: Number of — Rec'd.

Serial No. — Date — Field Ins'p.

ASSIGNED TO — Dated — Rec'd.

REPORT BY — Dated — By

ENGRS. STUDY NO.

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD — Dated

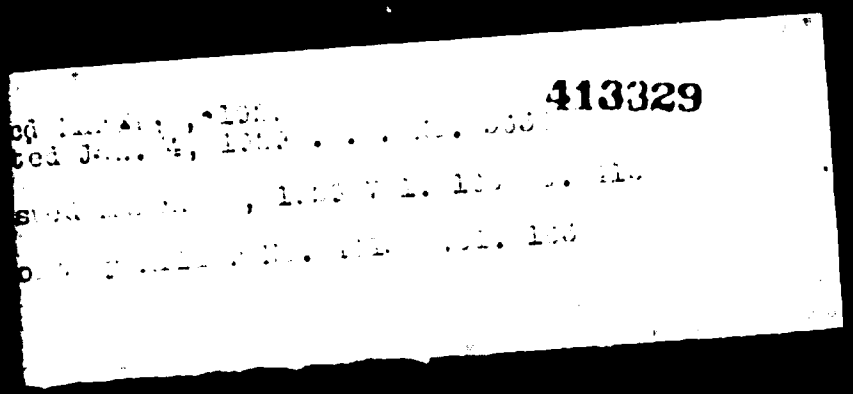
PERMIT: Authorized by Sanitary Water Board

Date

Sent to

REMARKS

STREAM OBSTRUCTION APPROVAL



413330

RECEIVED
APR 9 1929
DISTRICT "C" OFFICE

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On January fourth, one thousand nine hundred and twenty-nine, an application was received in the Department's District Office at Meadville, from the City of Butler, Butler County, requesting approval of extensions to the public sewer system, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three, amended April thirteenth, one thousand nine hundred and twenty-seven.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the proposed extensions are of satisfactory design and will form a part of the comprehensive sewerage system of the City and approval therefor can be granted.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on March twenty-eighth, one thousand nine hundred and twenty-nine, authorized the granting of a permit to the City of Butler, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby granted for the construction and use of the proposed sewer extensions, as shown on plans received January fourth, one thousand nine hundred and twenty-nine, entitled, "Grading Plan, McKean Street Exten-

sion, Butler, Pa.", dated September, one thousand nine hundred and twenty-eight, drawing No. 3070-02, one profile entitled, "Road Profiles to Accompany Drawing No. 3070-02" [illegible]-Sanitary Sewer Profile Connecting Subdivision to M.H. on [illegible]r St.", also plan received November twenty-eighth, [illegible]usand nine hundred and twenty-eight, entitled, "City of Butler, Supplementary Project 8, Cliff St. High Level Collector - Billingsley Sewer", dated November, one thousand nine hundred and twenty-eight, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively to carry [illegible] sewage

and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By . . . . . .
Theodore B. Appel, M. D.,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
March twenty-eighth, one thousand
nine hundred and twenty-nine.

413335

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-nine, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

Application
Issued
Recorded
Report by
Conditions and Stipulations

Vol.
No.
Vol.
No.
Page
Vol.
No.
Name
Place
County
File No.
Disposition

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. PMT. #4158

NUMBER 10.001 SE. 02409-0693

Appendix A-20-b

00981990

LR-BWQ 271 (2-80)

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 4158

Bureau of Water Quality Management

Appendix A-20-b

Reviewed 6/25/29

00981991

Form 661

Reed March 9, 1929
Application January 4, 1929 No. 3636 Name

Issued March 28, 1929 Vol. 103 No. 4158 Place Butler

Recorded April 1, 1929 Vol. 43 Page County Butler

Report by Miller No. 4615 Vol. 103 File No.

Conditions and Stipulations Disposition

*****requesting approval of [illegible] sewer system,*****

*****which indicate that the proposed extensions are of satisfactory design and will form a part of the comprehensive sewerage system of the City and approval therefor can be granted.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby granted for the construction and use of the proposed sewer extensions, as shown on plans received January 4,1929, entitled, "Grading Plan, McKean Street Extension, Butler, Pa.", dated September, 1928, drawing No. 3070-02, one profile entitled, "Road Profiles to Accompany Drawing No. 3070-02" and "Sanitary Sewer Profile Connecting Subdivision to M.H. on Cedar St.", also plan received November 23, 192 , entitled, "City of Butler, Supplementary Project 3, Cliff St. High Level Collector - Billingsley Sewer", dated November, 192 , as proposed in the application and the permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During sewer construction no material changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and be subject to inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, driveways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Conditions and Stipulations **00981992** Disposition

FIFTH: During construction of the main approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or a potential to the general interests of the public health, the municipality shall forthwith make such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth relating sewerage and the practice of the profession of engineering.

TO BE RECORDED IN DUVAL COUNTY

PERMIT 4161

BUTLER SEWER EXTENSION FOR WOODROW STREET IN LYNDORA

114557

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-4161

NUMBER 10,909 SE 52048-693

1149553

RECEIVED

OCT 31 1927

DISTRICT "C" OFFICE

To the Supervisors of
Butler Township, Butler County,
Pennsylvania.

On July twenty-fifth, one thousand nine hundred and twenty-seven, an application was received in the Department's District Office at Meadville, from the Supervisors of Butler Township, Butler County, requesting approval of plans for a minor sewer extension on Woodrow Street, in the Village of Lyndora, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three, amended April thirteenth, one thousand nine hundred and twenty-seven, and of the Act of Assembly approved April thirtieth, one thousand nine hundred and twenty-five, P. L. 389.

DNR.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that in the Village of Lyndora in Butler Township, Butler County, the Supervisors desire to extend the existing sewer system by building a minor lateral sewer on Woodrow Street; that said extension will provide sewerage facilities for that particular locality and will form a part of the general sewer system of the Township; that the design of the proposed sewer is satisfactory and approval therefor can be given.

The Bureau of Engineering has recommended approval of the roposed minor sewer extension and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on October twenty-fifth, one thousand nine hundred and twenty-seven, authorized the granting of a permit to Butler Township, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Page 3 of 1960

Therefore, approval is hereby given for the construction and use of the proposed minor sewer extension on Woodrow Street, as shown on two plans, entitled, "Proposed Sewer on Woodrow Street, Pierce Plan of Lots, Lyndora, Butler Twp., Butler Co., Pa." and Profile for Sewer on Woodrow St., Lyndora, Pa., Butler Twp., Butler, Pa.", as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

SECOND: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

THIRD: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

FOURTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt

conveyance of sewage.

FIFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The approval of plans of engineering structures herein given shall not be deemed or construed to relieve the municipality from the requirements of the laws of the Commonwealth regulating the practice of professional engineering.

114955?

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By . . . . . .
Theodore B. Appel, M. D.,
Chairman.

Attest . . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
October twenty-fifth, one thousand
nine hundred and twenty-seven.

1149551

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-seven, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public

1149559

ON
BUTLER TOWNSHIP, BUTLER COUNTY
APPLICATION #5365

August 30, 1927

On August 4, 1927 an application was received from the Supervisors of Butler Township, Butler County, requesting approval of plans of extensions to the sewer system of the township on Conrow Street, in the Village of Lyndora, as shown on plans and profiles submitted in duplicate with the application.

On December 23, 1925 a permit was issued to the Supervisors of Butler Township approving a comprehensive system of sewers to serve the villages of North Butler, Lyndora and Brodinville and to discharge to the main intercepting sewer of the City of Butler and to be treated in the sewage treatment works now being constructed by the City of Butler.

The extension to the sewer system which the township supervisors now desire is a minor one, comprising only a length of 662.5 feet of sewer extending on Woodrow Street between North Chesapeake Street and Hanson Avenue, discharging to a manhole on the existing sewer in Hanson Avenue.

The proposed extension, as indicated on the plans submitted, will be entirely satisfactory as to size, material, grade, depth and location of manholes.

Inasmuch as the proposed Woodrow Street sewer extension will materially improve local sanitary conditions and since the supervisors of Butler Township have complied with the requirements of the sewerage permit issued to the township on December 23, 1925, there appears to be no reason why a permit should not be granted approving the proposed Woodrow Street extension.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to Butler Township, Butler County, approving extensions to the public sewer system of the township on Woodrow Street, as shown on two prints submitted with the application respectively entitled "Proposed Sewer on Woodrow Street, Pierce Plan of Lots, Lyndora, Butler Twp., Butler Co., Pa." and

"Profile for Sewer on Woodrow St., Lyndora, Pa., Butler Twp., Butler, Pa.", respectively dated July 14, 1927 and July 1927, both received in the office of the District Engineer at Meadville on July 25, 1927, subject to standard conditions numbers 1, 4, 10, 11, 13 and 26.

Respectfully submitted,

Christian L. Siebert,
District Engineer.

D10c

Entered "C" #5365

RECEIVED

AUG 4 1927

DISTRICT "C" OFFICE

Sanitary Water Board
Form 10—Rev. May 1925

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From Butler Township, Butler County, Penna.
(Name of municipality)

July 27, 1927.
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisbury, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of Butler Township (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for sewer on Woodrow Street in the village of Lyndora. (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein) Butler Township, Butler County, Penna. as shown by lands and profile. This is a continuation of our present sewer system and connects therewith, being 562.5 feet in length.

1149567

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

Aiken-Kesselman-Greenough Co. and in the report thereon prepared by
(Name of Engineer)

Aiken-Kesselman-Greenough Co. all of which are made part of this application.
(Name of Engineer)

Board of Butler Township Commissioners.
(Name)

Alex Stevenson President.
(Title)

Geo E McLaughlin
(Post office address for further correspondence)
Secretary.

(SEAL)

Note.—For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

1149563

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202.—"* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 423.—"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810.—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 4 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty). * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

ACT APPROVED APRIL 22, 1905, P. L. 260.

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312—(The General Borough Code, Chapter 6, Article 12)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1141. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 852. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation De soof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 396, as AMENDED JUNE 15, 1911, P. L. 991 (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on pages 470 and 471 of the pamphlet laws of 1915, and on pages 984 and 988 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL.

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

STATE OF PENNSYLVANIA, } ss:
COUNTY OF Butler

being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a ordinance duly adopted by the Brd. of Commrs. of the Twp. of Butler. and approved by the Board thereof, on the First day of July 19 27 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

BOARD OF BUTLER TOWNSHIP COMMISSIONERS

Alex L. Stevenson (Name) PRESIDENT

Geo E. McLaughlin (Title) SECRETARY

Sworn to and subscribed before me this twenty-seventh day of July 19 27

L. M. Talbot
Notary Public.

[illegible] EXPIRES

My Commission expires

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. Attested Recd.

For

PLANS: Number of Rec'd.

Serial No.

ASSIGNED TO Date Field Ins'p.

REPORT BY Dated Rec'd.

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified Ack. Approval W. & P. R. B. U.

Approved Certified Permit to

11495965

Received 6/23/17
~~Appendix A-20-b~~

Form 661

Recd March 9, 1929
Application January 5, 1929 No. 5635
Issued March 28, 1929 Vol. 163 No. 4161
Recorded May 16, 1929 Vol. Red Book 43-8 Page 8
Report by Miller No. 4614 Vol. 163

Name
Place Butler Township
County Butler
File No.

Conditions and Stipulations

Disposition

*****requesting approval of the construction and use of extensions to the public sewer system,*****

*****which indicate that the proposed sewer extensions are intended to provide sewerage facilities for the Ritts Subdivision; that discharge of the sewage therefrom will be made into the public sewer system of the City of Butler; that the design of the proposed sewers is satisfactory and approval therefor can be given.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer system and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby given for the construction and use of the proposed sewer extensions, as shown on plans received January 4, 1929 bearing general title, "Ritts Subdivision", dated October 31, 1928 and entitled, "Service Layout" sheet No. 3146-02, and "Profiles to Accompany Plan No. 3146-02", as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers proper care shall be taken to secure tight

1149566

joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

TO BE RECORDED IN BUTLER COUNTY

1149567

149560

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-4161

NUMBER 10.909 SE. 52048-693

PERMIT 4365

BUTLER SEWER EXTENSION IN THE FIRST WARD

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 4365

NUMBER 10,001 SE 02409-0693

Sanitary Water Board
Form 10—Rev. May 1925

RECEIVED
JUN 9 1930

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

DISTRICT "C" OFFICE
413340

Application relative to MUNICIPAL SEWERAGE

From City of Butler (Name of municipality)

June 7, 1930 (Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498, the public authorities having by law charge of the sewer system of Butler (Name of municipality) in Butler County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for the construction of addition to the sewerage (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein) system in the 1st Ward, connecting with the Center Avenue Main which is connected with sewage treatment works all in accordance with the accompanying plans and profiles

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

Fred M Harper, City Engineer (Name of Engineer) and in the report thereon prepared by

Fred M Harper, City Engineer (Name of Engineer) all of which are made part of this application.

Joseph A Hemmerich (Name)

Mayor (Title)

Mayor Asbury L Butterbaugh (Post office address for further correspondence)

(SEAL)

Note.:—For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202—"* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 133—"* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810—"* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 1 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty). * * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act.

(d) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

ACT APPROVED APRIL 22, 1905, P. L. 260

Section 1. Be it enacted, etc., That the term "waters of the State" wherever used in this act shall include all streams and springs, and all bodies of surface and subterranean water, whether natural or artificial within the boundaries of this State.

Section 5. No person or municipality shall hereafter pollute any of the waters of the State, or place or permit to be placed in any location where the same may pollute or flow into any of the waters of the State, any substance which shall kill fish, or shall be inimical to the health of human, animal or aquatic life; Provided, That the Sanitary Water Board may issue permits authorizing the discharge of sewage into the waters of the State, when in its judgment the best interests of the people of the State will be subserved thereby, and may prescribe such conditions as it may deem necessary to protect the health of persons using such waters.

For the purpose of this act sewage shall be defined as [illegible] that certain kind of the waste or refuse of [illegible] or other discharges from the bodies of human beings or animals.

Section 2. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as herein before provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by his act is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 11, 1915, P. L. 312. (The General Borough Code, Chapter 6, Article 12)

Section 5.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 810. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, [illegible] the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April [illegible]enty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public [illegible]alth.'"

ACT APPROVED APRIL 30, 1923, Act 235. (The General Township Code, Chapter 14. An Amendment To Include Article 3)

Section 1111. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1913, P. L. 352. (County Sewer Districts)

Section 1. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 306, as AMENDED JUNE 13, 1911, P. L. 966. (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on page 470 and 471 of the pamphlet laws of 1915, and on pages 981 and 998 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

COMMONWEALTH OF PENNSYLVANIA,
COUNTY OF Butler } ss:

413343

Joseph A Heinemann being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a _____ duly adopted by the _____ of the _____ and approved by the _____ thereof, on the _____ day of _____ 19____, and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Sworn to and subscribed before me this 7th day of June 1930

Joseph A Heinemann (Name)

Mayor (Title)

Notary Public

My Commission expires Jan 4 1934

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. _____ Attested _____ Rec'd. _____
For _____

PLANS: Number of _____ Rec'd. _____

Serial No. _____

ASSIGNED TO _____ Date _____ Field Ins'p. _____
REPORT BY _____ Dated _____ Rec'd. _____
ENGRS. STUDY NO. _____ Dated _____ By _____
APPROVED: Chief Engineer _____
Secretary of Health _____
SUBMITTED TO SANITARY WATER BOARD _____
PERMIT: Authorized by Sanitary Water Board _____ Dated _____
Sent to _____ Date _____
REMARKS _____

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.
Notified _____ Ack. Approval W. & P. R. B. U. _____
Approved _____ Certificate Issued _____

413344

#4365

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On June ninth, one thousand nine hundred and thirty, an application was received in the Pennsylvania Department of Health District Office in Meadville, from the City of Butler, Butler County, requesting approval of sewer extensions in the First Ward with discharge of sewage therefrom to the Center Avenue sewer and thence to the sewage treatment works, in accordance with the provisions of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined by the Bureau of Engineering of the Department of Health which indicate that the City of Butler has an approved comprehensive plan of sewerage and an existing sewage treatment works; that the proposed extensions comprise lateral sewers on Tacoma, Wyoma and Shady Avenues and Hettie Way, located in a portion of the First Ward for which sewers were not provided under the comprehensive plan aforesaid; that the construction of these sewers is desirable to relieve certain insanitary conditions; that the sewers to which discharge will be made have sufficient capacity and conform satisfactorily to the City's sewer system; that the additional sewage to be discharged to the treatment works will not materially increase the load on these works and that the proposed sewers can, therefore, be approved.

The Bureau of Engineering has recommended approval of the proposed sewer extensions in Tacoma, Wyoma and Shady Avenues and Hettie Way and the issuance of a permit therefor, subject to certain conditions.

413346

The Sanitary Water Board at a meeting held on July sixteenth , one thousand nine hundred and thirty, authorized the granting of a permit to the City of Butler, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the proposed sewer extensions in Shady, Wyoma and Tacoma Avenues and Hettie Way, as shown upon two plans entitled, "City of Butler Proposed Sewer" and "City of Butler Profiles of Proposed Sewers", both prepared by F. H. Harper, Butler, Pennsylvania, and received in the District Office of the Department of Health at Meadville on June ninth, one thousand nine hundred and thirty, and as proposed in the application, and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewer, but in no case exceeding six hundred feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

SEVENTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

EIGHTH: On or before December thirty-first of each year the City shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

NINTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:

. . . . . .
Theodore B. Appel, M.D.,
Chairman.

Attest:

. . . . . .
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
July sixteenth, one thousand
nine hundred and thirty.

413350

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and thirty, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid,

. . . . . Notary Public

413351

RECEIVED
JUL 24 1930
DISTRICT "C" OFFICE

413320

413352

SHEKAGS
BUTLER, BUTLER COUNTY
APPLICATION #5874

June 9, 1930

On June 9, 1930 an application was received from the City of Butler, Butler County, requesting approval for the construction of small lateral sewer extensions on Tacoma, Wyoma and Shady Avenues, and Hattie Way.

The proposed extensions are located in the South Side of Butler in the First Ward, and will be constructed to relieve certain insanitary conditions caused by the lack of proper sewerage facilities. The topography in this section of the city is very rugged and for this reason the sewers will be laid with steep gradients.

The proposed extensions will connect to the existing system at the corner of Hattie Way and Clinton Avenue.

The design of the proposed extensions is satisfactory, and there is no reason why approval should not be given.

RECOMMENDATIONS

In view of the facts herein set forth it is recommended that a permit be issued to the City of Butler, Butler County, approving the proposed sewer extensions as shown on a plan and a profile accompanying the application entitled "City of Butler, Proposed Sewer" and "City of Butler, Profiles of Proposed Sewers", dated June 7, 1930 and received in the office of the District Engineer at Meadville on June 9, 1930, subject to standard conditions Nos. 1, 2, 3, 5, 10 and 11.

Respectfully submitted,

C. H. Young,
District Engineer.

Dllc

413354

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-eight, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

413355

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT # 4365

NUMBER 10.001 SE. 02409-0693

0098199?

DR-BWQ 271 (2-80)

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 4365

Bureau of Water Quality Management

00981994

Reviewed - Statistical Section

Form 581 Rcvd June 11, 1930 Reg.
Rcvd June 9, 1930 Div. 3
Application June 9, 1930 No. 5374 Name
Issued July 16, 1930 Vol. 171 No. 4365 Place Butler
Recorded July 22, 1930 Vol. 463 Page 271 County Butler
Report by Young No. 1221 Vol. 171 File No.
Disposition

Conditions and Stipulations

*****requesting approval of sewer extensions in the First Ward with discharge of sewage therefrom to the Center Avenue sewer and thence to the sewage treatment works,*****

*****which indicate that the City of Butler has an approved comprehensive plan of sewerage and an existing sewage treatment works; that the proposed extensions comprise lateral sewers on Tacoma, Wyoma and Shady Avenues and Hettie Way, located in a portion of the First Ward for which sewers were not provided under the comprehensive plan aforesaid; that the construction of these sewers is desirable to relieve certain insanitary conditions; that the sewers to which discharge will be made have sufficient capacity and conform satisfactorily to the City's sewer system; that the additional sewage to be discharged to the treatment works will not materially increase the load on these works and that the proposed sewers can, therefore, be approved.

The Bureau of Engineering has recommended approval of the proposed sewer extensions in Tacoma, Wyoma and Shady Avenues and Hettie Way and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby given to the proposed sewer extensions in Shady, Wyoma and Tacoma Avenues and Hettie Way, as shown upon two plans entitled, "City of Butler Proposed Sewer" and "City of Butler Profiles of Proposed Sewers", both prepared by F.M.Harper, Butler, Pa., and received in the District Office of the Department of Health at Meadville on June 9, 1930, and as proposed in the application, and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

Conditions and Stipulations

00981995

Disposition

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, roadways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the sewer in approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SIXTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewer, but in no case exceeding 600 feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

SEVENTH: The public sewers of the municipality shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

EIGHTH: On or before December 31st of each year the City shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, togetner with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

NINTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

00981996

Form 661 Rec'd June 11, 1930 Mb.
Rec'd June 9, 1930 Dist. 3.

Application June 7, 1930 No. 9374 Name

Issued July 15, 1930 Vol. 171 No. 4365 Place Butler

Recorded Vol. Page County Butler

Report by Young No. 4831 Vol. 171 File No.

Disposition

Conditions and Stipulations #2.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

TO BE RECORDED IN BUTLER COUNTY

Form 661

Application No. Name

Issued Vol. No. Place

Recorded Vol. Page County

Report by No. Vol. File No.

Disposition

Conditions and Stipulations

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

Attention, Fred M. Harper,
City Engineer.

Gentlemen:

District Engineer J. H. Young has forwarded to this office a copy of the plan you submitted to him showing the proposed relocation of the existing sewers on Main Street between Diamond and Jefferson Streets and Jefferson and Brady Streets.

According to the report of Mr. Young on this matter, it appears that the City of Butler proposes to repave Main Street during the coming summer and as part of that project to rebuild certain of the sewers as shown on the plan above referred to.

District Engineer Young reports that the proposed rebuilt sewers are of satisfactory design and recommends their approval.

Accordingly, since the proposed rebuilt sewers are of proper design and in conformity with the comprehensive plan of sewerage hereto fore approved for the City of Butler, this Department will offer no objection to their construction as shown on a blue print received in the Department's District Office at Meadville on January 26th, 1920, entitled, "Plan and Profile of Proposed New Sanitary Sewer on Main St. Butler, Pa." signed by Fred M. Harper, City Engineer. These sewers, of course, will be subject to all relevant conditions of sewerage permits heretofore issued to the city of Butler.

Very truly yours,

Theodore B. Appel, M.D.,
Secretary of Health.

PERMIT 4987

IMPROVEMENT TO BUTLER SEWAGE TREATMENT WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. #4987

NUMBER 10,001 SE. 02409-0693

#4987

To the Mayor and City Council of

Butler, Butler County,

Pennsylvania.

On December twenty-eighth, one thousand nine hundred and thirty-three, an application was received in the Meadville Office of the Pennsylvania Department of Health, from the City of Butler, Butler County, requesting approval of "necessary changes and repairs and installing the necessary equipment to adapt to the existing sewage disposal plant of the City of Butler, Penna., the improved process of chemical treatment of sewage developed by Sanitary Engineers, Inc. Theobject to be attained is to deodorize the sewage plant, increase the removal of solids, render odorless and sterile the effluent, and produce a stable, odorless sludge. This project will be a benefit and protection to the health and welfare of the citizens of the City of Butler and the inhabitants along Connoquenessing Creek"; the application haveing been made in accordance with the provisions of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Sanitary Engineering of the Department of Health which indicate that the City of Butler is generally sewered throughout its developed parts with sewers of the separate type and which receive considerable quantities of storm water and grit at times of heavy rainfall; that the City has an existing sewage treatment plant comprising a mechanical bar screen; two Dorr clarifiers; fourteen separate sludge digestion tanks provided with temperature control and gas collection; and three glass covered sludge drying beds, and an outfall sewer to Butcher Run, a tributary of Connoquenessing Creek; that the degree of treatment afforded the sewage of Butler is inadequate to satisfactorily protect the waters of Connoquenessing Creek which stream is much used for recreational purposes; that because of the insufficient degree of treatment of the effluent discharged from the City's sewage treatment works, complaints have arisen from down stream riparian users of the creek; and that the City now proposes to modify its existing treatment works to utilize the principles of the chemical treatment of sewage developed by Sanitary Engineers, Inc., and, to effect such changes, submits the plans for which approval is requested.

The study further shows that it is proposed to modify the existing works by the installation of: a Dorr detriter; a chemical mixing chamber; a one story chemical control building equipped with chemical feeding devices and chemical storage tank; an auxiliary sludge pump and fresh sludge conditioning tank; appurtenant measuring devices; to convert four of the existing sludge digesting tanks into sludge storage and chlorination tanks; and to make appurtenant changes of plant to permit the addition of lime, iron salts and chlorine to the sewage and to the sewage sludge to effect a chemical precipitation of the sewage solids, aided by the return of a portion of the previously precipitated solids, and the conditioning of the sludge prior to its drying upon the existing sludge drying beds.

The study also indicates that certain industrial wastes, and in particular pickling liquors, from metallurgical works; are discharged to Connoquenessing Creek; that treatment works to modify these wastes have been placed in operation, but that in spite of this modification, these industrial wastes do affect Connoquenessing Creek to the extent that it would appear that a degree of treatment somewhat less than that afforded by complete oxidation of the City's sewage, would be satisfactory for the present treatment of this sewage; that the degree of modification of the City's sewage which it is claimed by the developers of the proposed method of chemical treatment will be attained, would appear to afford

the required improvement in the quality of the effluent of the City's sewage treatment works provided that the claimed for results obtained upon small scale experimental plant operation can be consistently maintained upon full plant scale operation; but that, however, the efficacy of the proposed method has not been demonstrated upon such full scale operation and hence must be considered as at present experimental.

The study likewise indicates that the City proposed to construct the sewage treatment improvements with Federal financial assistance obtained under the provisions of the Civil Works Administration and that time was of the essence of the matter; that the Bureau of Sanitary Engineering gave prompt consideration to the proposed method of chemical treatment of the City's sewage and in this connection called the City's attention to the experimental nature of the proposed treatment processes and of the desirability of including in the contract, to be executed between the City and the Sanitary Engineers, Inc., specific guarantees as to the degree of treatment to be effected by the proposed process and the cost of such treatment and definite arrangements as to the payment for such portions of the reconstructed plant as might not be usable for proven methods of sewage treatment, in case the proposed method of treatment was not found to be satisfactory;

that the City desired to undertake the proposed modification of its sewage treatment works with a full understanding of its experimental character and assuming responsibility for the nature of the contract entered into with Sanitary Engineers, Inc., so it is reported; and that the Bureau of Sanitary Engineering, therefore, recommended ad interim approval by the Secretary of Health of the proposed sewage treatment plant modification and the issuance of a permit therefor, subject to certain conditions.

The Secretary of Health approved the recommendation of the Bureau of Sanitary Engineering and acting under the ad interim powers conferred upon the Pennsylvania Department of Health under paragraph A, Section 2109 of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine, under date of January eighth, one thousand nine hundred and thirty-four, notified the City of Butler that approval, subject to certain conditions, was given of the proposed modification of the City's sewage treatment works as an experimental method of effecting needed improvements thereto.

The Sanitary Water Board at its meeting held on January twenty-fourth, one thousand nine hundred and thirty-four, ratified the ad interim action of the Secretary of Health in granting approval, subject to certain conditions, of the proposed modification of the existing sewage treatment works of the City of Butler and authorized the issuance of the permit

recommended by the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the City of Butler, Butler County, of the proposed improvements to the City's existing sewage treatment works, as these are shown on five plans bearing the general title: "Sanitary Engineers Incorporated Painesville Ohio. City of Butler, Pa.", and the following subtitles: "General Dwg of Sewage Plant", "Detail of Sludge Control Well", "Details of Disposal Plant", "Sewage Disposal Plant Chemical House" and "Detail of Sludge Pump - Piping"; the first plan also bearing the title: "City of Butler, Pennsylvania. Sewage Disposal Plant Consulting Sanitary Engineers" and as further described in a letter dated December sixteenth, one thousand nine hundred and thirty-three to C. H. Young, State Sanitary Engineer from Sanitary Engineers, Incorporated, by C. E. Lyon, Chief Engineer, and in a letter dated December twenty-sixth, one thousand nine hundred and thirty-three, from Sanitary Engineers, Inc., to the Honorable Mayor and City Council of Butler, Pa., signed on behalf of Sanitary Engineers, Incorporated, by W. Albert Davis, Secretary; the plans and letters aforesaid having been prepared by Sanitary Engineers, Inc., Painesville, Ohio; the plans having been received in the Meadville Office of the Pennsylvania Department of Health on December twenty-eighth, one thousand nine hundred and thirty-three; and as proposed

in the application; and a permit is issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: It is specifically stipulated that the approval herein given is of the proposed modifications and additions to the existing sewage treatment works of Butler as an experimental installation for utilizing the proposed chemical precipitation process for the treatment of sewage and that, although recent advances in the art of sewage treatment make it appear probable that the proposed method of treatment should be capable of effecting substantial improvement in the quality of the effluent now produced by the City of Butler's existing sewage treatment works, the efficacy of the proposed sewage treatment plant improvements will depend upon the degree to which the results claimed for the proposed method of treatment can be consistently attained upon plant scale operation, and further, upon the cost of such treat-

413382

ment to the City.

The City of Butler is, therefore, notified that the approval herein granted is specifically conditioned upon the results which shall be attained by the operation of the treatment works as proposed and that if in the opinion of the Sanitary Water Board a satisfactory effluent is not consistently produced and satisfactory disposal of sewage sludge maintained, the City of Butler shall make such modification and/or extensions to its sewage treatment works as the Sanitary Water Board may direct.

FIFTH: Prior to the construction of the works herein approved as a general scheme for the experimental treatment of sewage, complete detail plans of all parts of these works shall be submitted to the Sanitary Water Board for approval.

SIXTH: When the sewage treatment works is constructed and before it is placed in operation the City of Butler shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

SEVENTH: The approval herein granted of the plans for the sewage treatment works and its appurtenances shall cease and be null and void on December thirty-first, one thousand nine hundred and thirty-four, if not specifically extended, unless the said sewage treatment works shall have been completed and placed in operation on or before said date.

EIGHTH: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the function for which they were designed.

NINTH: The screenings and sludge shall be handled so that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TENTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

ELEVENTH: The sewage treatment works shall be operated by a competent person or persons and in this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the City of Butler shall place the operation of the sewage treatment works under the control of the designers of the plant or some other person equally expert in the operation of sewage treatment works for at least one year after completion thereof.

TWELFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The attention of the City of Butler is called to the desirability of providing in the contract between the City of Butler and Sanitary Engineers, Incorporated, specific and definite guarantees of performance by which it may be determined whether or not the proposed treatment works effect the required degree of treatment of the City's sewage; and of providing definite arrangements concerning the payment for the installation or concerning nonpayment and removal of apparatus or other parts of the proposed treatment works which will not be usable in connection with proven processes of sewage treatment in case the proposed chemical process of treatment does not prove satisfactory.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering.

413385

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:

. . . . . .

Theodore B. Appel, M.D.,
Secretary of Health,
Chairman.

Attest:

. . . . . .

J. R. Heffert,
Civil Engineer,
Acting Secretary.

Harrisburg, Pennsylvania,
January twenty-fourth, one thousand
nine hundred and thirty-four.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and thirty-four, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Albert Jenkins
Notary Public

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. #4987

NUMBER 10.001 SE. 02409-0693

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 4987

Bureau of Water Quality Management

Form 661 Rec'd

Application

Issued

Recorded

Reported

Conditions and Stipulations

requesting approval of "necessary changes and repairs and installing the necessary equipment to adapt to the existing sewage disposal plant of the City of Butler, Penna., the improved process of chemical treatment of sewage developed by Sanitary Engineers, Inc. The object to be attained is to deodorize the sewage plant, increase the removal of solids, render odorless and sterile the effluent, and produce a stable odorless sludge. This project will be a benefit and protection to the health and welfare of the citizens of the City of Butler and the inhabitants along Connoquenessing Creek";

**which indicate that the City of Butler is generally sewered throughout its develcped parts with sewers of the separate type and which receive considerable quantities of storm water and grit at times of heavy rainfall; that the City has an existing sewage treatment plant comprising a mechanical bar screen; two Dorr clarifiers; fourteen separate sludge digestion tanks provided with temperature control and gas collection; and three glass covered sludge drying beds, and an outfall sewer to Butcher Run, a tributary of Connoquenessing Creek; that the degree of treatment afforded the sewage of Butler is inadequate to satisfactorily protect the waters of Connoquenessing Creek which stream is much used for recreational purposes; that because of the insufficient degree of treatment of the effluent discharged from the City's sewage treatment works, complaints have arisen from down stream riparian users of the creek; and that the City now proposes to modify its existing treatment works to utilize the principles of the chemical treatment of sewage developed by Sanitary Engineers, Inc., and, to effect such changes, submits the plans for which approval is requested.

The study further shows that it is proposed to modify the existing works by the installation of: a Dorr detritor; a chemical mixing chamber; a one story chemical control building equipped with chemical feeding devices and chemical storage tank; an auxiliary sludge pump and fresh sludge conditioning tank; appurtenant measuring devices; to convert four of the existing sludge digesting tanks into sludge storage and chlorination tanks; and to make appurtenant changes of plant to permit the addition of lime, iron salts and chlorine to the sewage and to the sewage sludge to effect a chemical precipi-

tation of the sewage solids aided by the return of a portion of the previously precipitated solids, and the conditioning of the sludge prior to its drying upon the existing sludge drying beds.

The study also indicates that certain industrial wastes, and in particular pickling liquors, from metallurgical works; are discharged to Connoquenessing Creek; that treatment works to modify these wastes have been placed in operation, but that in spite of this modification, these industrial wastes do affect Connoquenessing Creek to the extent that it would appear that a degree of treatment somewhat less than that afforded by complete oxidation of the City's sewage, would be satisfactory for the present treatment of this sewage; that the degree of modification of the City's sewage which it is claimed by the developers of the proposed method of chemical treatment will be attained, would appear to afford the required improvement in the quality of the effluent of the City's sewage treatment works provided that the claimed for results obtained upon small scale experimental plant operation can be consistently maintained upon full plant scale operation; but that, however, the efficacy of the proposed method has not been demonstrated upon such full scale operation and hence must be considered as at present experimental.

The study likewise indicates that the City proposed to construct the sewage treatment improvements with Federal financial assistance obtained under the provisions of the Civil Works Administration and that time was of the essence of the matter; that the Bureau of Sanitary Engineering gave prompt consideration to the proposed method of chemical treatment of the City's sewage and in this connection called the City's attention to the experimental nature of the proposed treatment processes and of the desirability of including in the contract, to be executed between the City and the Sanitary Engineers, Inc., specific guarantees as to the degree of treatment to be effected by the proposed process and the cost of such treatment and definite arrangements as to the payment for such portions of the reconstructed plant as might not be usable for proven methods of sewage treatment, in case the proposed method of treatment was not found to be satisfactory; that the City desired to undertake the proposed modification of its sewage treatment works with a full understanding of its experimental character and assuming responsibility for the nature of the contract entered into with Sanitary Engineers, Inc., so it is reported; and that the Bureau of Sanitary Engineering, therefore, recommended ad interim approval by the Secretary of Health of the proposed sewage treatment plant modification and the issuance of a permit therefor, subject to certain conditions.

Form 6cl Recd January 3, 1934 Hbg.
Recd December 28, 1933 Dist. C

00982001

Application December 27, 1933 No. 6475

Issued January 24, 1934 Vol. 198 No. 4987 Butler

Recorded Vol. Page Butler

Report by Young 5436 Vol. 1.6

Conditions and Stipulations - 2-

The Secretary of Health approved the recommendation of the Bureau of Sanitary Engineering and acting under the ad interim powers conferred upon the Pennsylvania Department of Health under paragraph A, Section 2109 of The Administrative Code approved April 9, 1929, under date of January 8, 1934, notified the City of Butler that approval, subject to certain conditions, was given of the proposed modification of the City's sewage treatment works as an experimental method of effecting needed improvements thereto.

The Sanitary Water Board at its meeting held on January 24, 1934, ratified the ad interim action of the Secretary of Health in granting approval, subject to certain conditions, of the proposed modification of the existing sewage treatment works of the City of Butler and authorized the issuance of the permit recommended by the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the City of Butler, Butler County, of the proposed improvements to the City's existing sewage treatment works, as these are shown on five plans bearing the general title: "Sanitary Engineers Incorporated Painesville Ohio. City of Butler, Pa.", and the following subtitles: "General Dwg of Sewage Plant", "Detail of Sludge Control Well", "Details of Disposal Plant", "Sewage Disposal Plant Chemical House" and "Detail of Sludge Pump-Piping"; the first plan also bearing the title: "City of Butler, Pennsylvania. Sewage Disposal Plant Consulting Sanitary Engineers" and as further described in a letter dated December 16, 1933 to C. H. Young, State Sanitary Engineer from Sanitary Engineers, Incorporated, by C.E. Lyon, Chief Engineer, and in a letter dated December 26, 1933, from Sanitary Engineers, Inc., to the Honorable Mayor and City Council of Butler, Pa., signed on behalf of Sanitary Engineers, Incorporated, by W. Albert Davis, Secretary; the plans and letters aforesaid having been prepared by Sanitary Engineers, Inc., Painesville, Ohio; the plans having been received in the Meadville Office of the Pennsylvania Department of Health on December 28, 1933; and as proposed in the application; and a permit is issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: It is specifically stipulated that the approval herein given is of the proposed modifications and additions to the existing sewage treatment works of Butler as an experimental installation for utilizing the proposed chemical precipitation process for the treatment of sewage and that, although recent advances in the art of sewage treatment make it appear probable that the proposed method of treatment should be capable of effecting substantial improvement in the quality of the effluent now produced by the City of Butler's existing sewage treatment works, the efficacy of the proposed sewage treatment plant improvements will depend upon the degree to which the results claimed for the proposed method of treatment can be consistently attained upon plant scale operation, and further, upon the cost of such treatment to the City.

The City of Butler is, therefore, notified that the approval herein granted is specifically conditioned upon the results which shall be attained by the operation of the treatment works as proposed and that if in the opinion of the Sanitary Water Board a satisfactory effluent is not consistently produced and satisfactory disposal of sewage sludge maintained, the City of Butler shall make such modification and/or extensions to its sewage treatment works as the Sanitary Water Board may direct.

FIFTH: Prior to the construction of the works herein approved as a general scheme for the experimental treatment of sewage, complete detail plans of all parts of these works shall be submitted to the Sanitary Water Board for approval.

SIXTH: When the sewage treatment works is constructed and before it is placed in operation the City of Butler shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

00982003

Form 854 Recd January 3, 1934 Hbg.
Recd December 28, 1933 Dist. C

Application December 27,1933 No. 5475

Issued January 24,1934 Vol. 196 No. 4987 Butler

Recorded Vol. Page Butler

Report by Young No. 5426 Vol. 196

Conditions and Stipulations - 3 -

SEVENTH: The approval herein granted of the plans for the sewage treatment works and its appurtenances shall cease and be null and void on December 31, 1934, if not specifically extended, unless the said sewage treatment works shall have been completed and placed in operation on or before said date.

EIGHTH: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the function for which they were designed.

NINTH: The screenings and sludge shall be handled so that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TENTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

ELEVENTH: The sewage treatment works shall be operated by a competent person or persons and in this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the City of Butler shall place the operation of the sewage treatment works under the control of the designers of the plant or some other person equally expert in the operation of sewage treatment works for at least one year after completion thereof.

TWELFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The attention of the City of Butler is called to the desirability of providing in the contract between the City of Butler and Sanitary Engineers, Incorporated, specific and definite guarantees of performance by which it may be determined whether or not the proposed treatment works effect the required degree of treatment of the City's sewage; and of providing definite arrangements concerning the payment for the installation or concerning nonpayment and removal of apparatus or other parts of the proposed treatment works which will not be usable in connection with proven processes of sewage treatment in case the proposed chemical process of treatment does not prove satisfactory.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering.

TO BE RECORDED IN BUTLER COUNTY.

PERMIT 6297

BUTLER SEWER EXTENSION TO NORTH MONROE STREET, BELMONT ROAD AND CHARLES STREET

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP P-6297

NUMBER 10,001 SE. 02409-0693

STATE
BUTLER, BUTLER COUNTY
Application No.------

December 4, 1939

On November 3, 1939, duplicate applications dated October 31, 1939, were received from the City of Butler requesting the issuance of a permit approving two minor sewer extensions in the Northeast section of the City of Butler.

The plan entitled, "City of Butler, Sanitary Sewer System, North Monroe Street Sanitary Sewer Extension and Belmont Road Sanitary Sewer", provides for an 8" sanitary sewer extension beginning at the existing sewer at station 12+13.6 on North Monroe Street and extending North on North Monroe Street for a distance of 480' to McClure Street, thence East on McClure Street for a distance of 200' to Belmont Road, thence North on Belmont Road for a distance of 611'. This proposed extension will discharge into the existing sewer on North Monroe Street.

Plan entitled, "City of Butler, Proposed Sewer, Charles Street to Alley, Alley to Orchard, provides for an 8" sewer extension beginning at an existing sewer at the intersection of Orchard Avenue and the unnamed Alley, and extending North on the unnamed Alley for a distance of 186' to Charles Street, thence West on Charles Street for a distance of 300'.

The proposed sewer extensions will discharge into existing sewers. The grade, size, depth and spacing of manholes of the proposed sewer extensions are satisfactory, and there appears no reason why a permit should not be issued approving the proposed extensions.

413472

RECOMMENDATION

In view of the facts herein set forth, it is recommended that a permit be issued to the City of Butler, approving the two minor sewer extensions as shown on the plans entitled: "City of Butler, Sanitary Sewer System, North Monroe Street Sanitary Sewer Extension and Belmont Road Sanitary Sewer". "City of Butler, Proposed Sewer, Charles Street to Alley, Alley to Orchard", prepared in the City Engineer's office, and subject to standard conditions 1-2-3-4-10-11-12-13-14 and 28.

J. H. Harvey,
Assistant Engineer.

JHH/T

HSE-684-24-12-39

A-413473

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

The Sanitary Water Board, which by virtue of The Administrative Code approved June 7, 1923, P.L. 458, and the amendments thereto and of Act approved June 22, 1937, P.L. 1987, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation", hereby issues this permit to the City of Butler, Butler County, in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions, as shown upon two plans supplementing the said application. These plans bear the following titles: "City of Butler Sanitary Sewer System North Monroe Street Sanitary Sewer Extension & Belmont Road Sanitary Sewer ---- 6-9-39.", and "City of Butler Proposed Sewer Charles St. to Alley Alley to Orchard".

The aforesaid plans were prepared by F. M. Harper, Registered Professional Engineer; and were received in the Meadville Office of the Pennsylvania Department of Health, the first mentioned plan having been received in July 1939 and the second mentioned plan having been received on November 3, 1939.

HSE-684b-2M-12-39

413171

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective April 1, 1940 attached hereto:

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 10 - 11 - 14 and 15.

This permit is issued in response to an application (No. 7634) filed in the Meadville Office of the Pennsylvania Department of Health on the 3rd day of November A. D. 19 39, and confirms the ad interim approval issued by the Secretary of Health on December 14, 1939.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____

Acting Secretary of Health
Chairman

Attest: _____

Civil Engineer
Secretary

Harrisburg, Pennsylvania.
July 3, 1942

Report by

Conditions and Stipulations

Disposition

***** the City of Butler, Butler County, in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions, as shown upon the plans accompanying the said application. The said plans bear the following titles: "City of Butler Sanitary Sewer System North Washington Street Sanitary Sewer Extension , Belmont Road Sanitary Sewer ---- 6-3-39.", and "City of Butler Proposed Sewer Charles St. to Alley Alley to Brownhurd".

The aforesaid plans were prepared by F. . . Harper, Registered Professional Engineer, and were received in the Meadville Office of the Pennsylvania Department of Health, the first mentioned plan having been received in July 193. and the second mentioned plan having been received on November 3, 193. .

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS ..... TO BE ISSUED" effective April 1, 194 attached hereto:

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 10 - 11 -

14 and 15 .

This permit is issued subject to all of the terms and conditions of Permit No. 7024 filed in the Meadville Office of the Pennsylvania Department of Health on the 3rd day of November A. D. 193, and confirms the said Interim Approval issued by the Secretary of Health on December 11, 193. .

COMMONWEALTH OF PENNSYLVANIA BUTLER COUNTY

413476

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP P-6297

NUMBER 10.001 SE. 02409-0693

PERMIT 6387

BUTLER SEWER EXTENSION FOR BELMONT ROAD AND HANSON AVENUE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. P-6387

NUMBER 10,001 SE. 02409-0693

[illegible]
Butler, Butler County
Application No.----

September 3, 1940

On August 23, 1940, duplicate applications dated August 22, 1940 were received from the City of Butler, Butler County, requesting the issuance of a permit approving two minor sewer extensions. The applications were accompanied by duplicate plans.

Proposed Extensions

The plans under consideration provide for two minor sewer extensions. The plan entitled "Proposed Sanitary Sewer Belmont Road", provides for an 8" terra cotta sewer beginning at the existing sewer at the intersection of Belmont Road and McClure Street, and extending northeast on McClure Street for a distance of 750'. This sewer is laid on a grade of .75%.

The plan entitled "Proposed Hansen Ave. Sanitary Sewer", provides for an 8" sewer extension beginning at an existing sewer on Pillow Street near the intersection of Pillow Street and Fifth Ave., and extending west on Pillow Street to Hansen Ave., thence south on Hansen Ave. to station 12 + 20. This sewer is laid on a 1% grade.

The grade, size, depths and spacing of manholes of the proposed sewer extensions are satisfactory.

Recommendation

In view of the foregoing facts, it is recommended that a permit be issued to the City of Butler for two minor sewer extensions as shown on the plans S-26 untitled for the Hansen Ave. sewer extension, S-40 entitled "Proposed Hansen Ave. Sanitary sewer, plan S-19 untitled for the McClure Street extension, plan S-17 entitled "Proposed Sanitary Sewer Belmont Road. All prepared by City Engineer Fred H. Harper, and dated August 1940. Plan entitled "City of Butler, Sewer System showing location of manholes and flush tanks received in District Engineer's office August 29, 1940, subject to standard conditions 1-2-3-4-5-6 8-9-10-11-14-15 and 17.

J. R. Harvey,
Assistant Engineer.

JRH/W

Form HSE-601—1500—12-39

413180

APPLICATION NO. .....

RECEIVED
AUG 23 1940
DISTRICT "C" OFFICE

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

August 22, 1940
(Date)

From City of Butler
(Name of Municipality or "Person")

Butler
(County)

IF A "PERSON": Project is located in City of Butler
(Name of Municipality or Township)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF REVENUE" FOR FIVE DOLLARS MUST BE ATTACHED HERETO AS A "FILING FEE."

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987 "the corporate authorities having by law charge of the sewer system" of City of Butler
(Name of Municipality)

or ..... (Name of person) in Butler County,

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for

Two additions to our sewerage system, one located on Hansen Avenue and Pillow Street, and the other on Belmont Boulevard, more particularly described on the enclosed plans, marked S-26, S-40 and S-17 and S-19 respectively, all of which discharge into our sewage treatment plant.

(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail. If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made herein. If the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence satisfactory to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, for which the applicant seeks a permit, is not or will not become inimical or injurious to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial consumption or for recreation.)

413481

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by

Fred M. Harper, City Engineer
(Name of Engineer)

and in the report thereon prepared by Fred M. Harper, City Engineer
(Name of Engineer)

all of which are made part of this application.

Geo M Thompson
(Name)

Mayor
(Title)

Butler, Pennsylvania
(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA }
COUNTY OF Butler } SS:

Fred M Harper
Geo M Thompson being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Council of the City of Butler and approved by the Council thereof, on the 13th day of August 1940 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Fred M Harper
City Engineer
(Title)

Sworn to and subscribed before me this 22nd day of August 1940

Fred C Miller
Notary Public

My Commission expires July

RELEVANT STATE LAWS

EXCERPTS—From Act 394, approved June 22, 1937, P. L. 1987.

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article I, Section 1.

"'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article II, Section 206.

Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

Article II, Section 207.

Approval of Plans, Designs, and Relevant Data by the Sanitary Water Board.

"All plans, designs, and relevant data for the construction of any new sewer system, or for the extension of any existing sewer system, by a municipality, or for the erection, construction, and location of any treatment works or intercepting sewers by a person or municipality, shall be submitted to the board for its approval before the same are constructed or erected or acquired. ....."

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P. L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

SECOND CLASS TOWNSHIPS: See Art. 15 of Act approved May 1, 1933, P. L. 103 and Act 503, approved July 1, 1937.

CITIES OF FIRST CLASS: SEWER DISTRICTS: See Act 261, approved May 28, 1937, P. L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P. L. 463, amended by Act approved May 20, 1937, P. L. 739.

SEWERS CONSTRUCTED JOINTLY—For Laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P. L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Sections 2440-2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Sections 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P. L. 630.

NON-DEBT SEWER REVENUE BONDS: See (First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Townships) Act 146 approved May 7, 1937, P. L. 571

RESOLUTION OF THE SANITARY WATER BOARD 413483

RELATIVE TO FEES:—(Adopted September 28, 1937)

"WHEREAS, Section 609 of Act 394, approved June 22, 1937, authorized the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued,'

"THEREFORE BE IT RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a filing fee of $5.00 which in the form of a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, shall accompany each application for the issuance of a permit under said Act, and

"BE IT FURTHER RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a fee of $20.00 to be paid by a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, by persons and municipalities prior to the issuance of a permit to them under said Act.

"PROVIDED, HOWEVER, That filing and permit fees shall not be required from branches of the government of the United States or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. ..... Attested ..... Rec'd .....

For .....

PLANS: Number of ..... Rec'd .....

.....

Serial No. .....

ASSIGNED TO ..... Date ..... Field Ins'p .....

REPORT BY ..... Dated ..... Rec'd .....

ENGRS. STUDY NO. ..... Dated ..... By .....

APPROVED: Chief Engineer .....

Secretary of Health .....

SUBMITTED TO SANITARY WATER BOARD .....

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

The Sanitary Water Board, which by virtue of The Administrative Code approved June 7, 1923, P.L. 498, and the amendments thereto and of Act approved June 22, 1937, P.L. 1987, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation", hereby issues this permit to the city of Butler, Butler County, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon six plans supplementing the said application.

Three of the aforesaid plans bear the following titles: "City of Butler Sewer System Showing Location of Manholes and Flush Tanks"; "Proposed Sanitary Sewer Belmont Road Aug. 1940 ---- "; "Proposed Hanson Ave. San. Sewer ---- Aug. 15th '40" numbered S-40; and three are untitled but bear the designations: S-19, S-26, and S-9. All the plans were prepared by Fred M. Harper, City Engineer and all were received in the Meadville Office of the Pennsylvania Department of Health; the first, third and fifth mentioned plans having been received on August 20, 1940;

the second and fourth mentioned plans having been received on August 23, 1940; and the sixth mentioned plan having been received September 14, 1940.

HSE-684b-2M-12-39

413186

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective April 1, 1940 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14 and 15.

This permit is issued in response to an application (No. 7794) filed in the Meadville Office of the Pennsylvania Department of Health on the 23rd day of August A. D. 19 40.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:_____

Acting Secretary of Health
Chairman

Attest:_____

Civil Engineer
Secretary

Harrisburg, Pennsylvania.
December 31, 1941

Application [illegible] No [illegible] Name [illegible]

Issued [illegible] Vol [illegible] No [illegible] Place Butler

Recorded 12-[illegible] Vol [illegible] Page 307 County Butler

Report by survey No 855 Vol 241 File No 413187

Disposition

Conditions and Stipulations

***** the city of Butler, Butler County, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon 6 plans supplementing the said application.

3 of the aforesaid plans bear the following titles: "City of Butler Sewer System Showing Location of Manholes and Flush Tanks"; "Proposed Sanitary Sewer Belmont Road Aug. 1940---"; "Proposed Hanson Ave. San. Sewer ---- Aug. 15th '40" numbered S-40; and 3 are untitled but bear the designations: S-19, S-26, and S-9. All the plans were prepared by Fred A. Harper, City Engineer and all were received in the Meadville Office of the Pennsylvania Department of Health; the first, third and fifth mentioned plans having been received on August 23, 1940; the second and fourth mentioned plans having been received on August 23, 1940; and the sixth mentioned plan having been received September 14, 1940.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective April 1, 1940 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, and 15.

This permit is issued in response to an application (No. 7734) filed in the Meadville Office of the Pennsylvania Department of Health on the 23rd day of August A. D. 1940.

TO BE RE CORDED IN BUTLER COUNTY

413188

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP. P-6387.

NUMBER 10.001 SE. 02409-0693

PERMIT 6475

IMPROVEMENT TO BUTLER SEWAGE TREATMENT WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT #6475

NUMBER 10,001 SE 02409-0693

COPY

AGREEMENT

THIS AGREEMENT entered into this 15th day of December, 1933, between Sanitary Engineers, Inc. of Painesville, Ohio, hereinafter called Party of the First Part, and the City of Butler, of Butler County, Pennsylvania, hereinafter called Party of the Second Part.

WHEREAS, the Party of the Second Part proposes to make certain repairs, changes, and improvements to their existing sewage disposal plant, and

WHEREAS, the Party of the First Part has developed improved processes of chemical treatment of sewage, and

WHEREAS, Party of the Second Part is desirous of making the necessary changes and repairs, and installing the necessary equipment to use the improved processes of chemical treatment of sewage developed by Party of the First Part, and employ their own labor to make said installation.

THE PARTIES HERETO CONTRACT AS FOLLOWS:

Party of the First Part agrees to furnish the drawing and specifications which are attached hereto and a part of this contract, and all necessary material and equipment provided for in said drawing and specifications at the site of the plant for the sum of Thirteen Thousand Five Hundred and no/100 ($13,500.00) Dollars.

Party of the Second Part agrees to pay the sum of Thirteen Thousand Five Hundred and no/100 ($13,500.00) Dollars

[illegible] TIES:

1. That party of the First Part shall supervise the construction, and control the operation of the sewage disposal plant and make periodical inspections of at least twice per month for one year, and Party of the Second Part agrees to pay the Party of the First Part for said services the sum of One Hundred and Fifty and no/100 ($150.00) Dollars per month.

2. That the Party of the Second Part will furnish all labor, whether skilled or otherwise, for the proper installation of all materials and equipment herein specified which shall be erected according to the plans and specifications, and under the direction of the Party of the First Part.

3. That Party of the First Part guarantees that its processes will de-odorize the plant, will give a reduction in suspended solids from 75% to 85%, and will produce a sterile, odorless effluent provided the consistency and character of the sewage remains substantially unchanged, as set forth and detailed in attached letter.

4. That Party of the Second Part will pay to said Party of the First Part said sum of Thirteen Thousand Five Hundred and no/100 ($13,500.00) Dollars payable as follows: Six Thousand Seven Hundred and Fifty ($6,750.00) Dollars on July 1, 1935, and Six Thousand Seven Hundred and Fifty ($6,750.00) Dollars on July 1, 1936; deferred payments to bear interest at the rate of six (6%) per cent. per annum from February 15, 1934.

The parties have hereunto set their hands and affixed their seals to duplicates the day and date first above written.

[illegible], N.J.

By [illegible] President.

By [illegible] Secretary

[illegible] Party of the First Part

Witnesses:

SGH. J. S.

[illegible], Inc.

413392

CITY OF BUTLER
By JOSEPH A HEINEMAN
Mayor

By S. R. TWYFORD
Clerk
Party of the Second Part.

SEAL City of Butler

December 27th, 1933 this contract approved as to form and conditions.

John H. Wilson
City Attorney

413393

Entered "C"

Sanitary Water Board
Form 10—Rev May 1925

DEC 28 1933

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

DISTRICT "C" OFFICE

Application relative to MUNICIPAL SEWERAGE

From The City of Butler (Name of municipality)

December 27th, 1933 (Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498, the public authorities having by law charge of the sewer system of The City of Butler (Name of municipality) in Butler County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for making necessary changes and repairs, and installing the necessary equipment to adapt to the existing sewage disposal plant of the City of Butler, Penna., the improved process of chemical treatment of sewage developed by Sanitary Engineers, Inc.

(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

The object to be attained is to de-odorize the sewage plant, increase the removal of solids, render odorless and sterile the effluent, and produce a stable, odorless sludge. This project will be a benefit and protection to the health and welfare of the citizens of the City of Butler and the inhabitants along Connoquenessing Creek

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

[illegible] and in the report thereon prepared by
(Name of Engineer)

[illegible] all of which are made part of this application.
(Name of Engineer)

(Name)

(Title)

(SEAL)

(Post office address for further correspondence)

Note.:—For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202. . . . The following departmental administrative boards . . . are hereby created in the respective administrative departments as follows . . . In the Department of Health—Sanitary Water Board . . ."

Section 431.—". . . The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1910. ". . . the Sanitary Water Board shall have the power, and its duty shall be

(a) To exercise all powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 1 and 3, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty). . . .

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act.

(b) To exercise all other powers not contrary to law heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

(P. L. APPROVED APRIL 22, 1905, P. L. 286)

[illegible]

For the purposes of this act, sewage shall be defined as the substance that [illegible] and [illegible] the waste products or excrementitious or other [illegible] from the bodies of human beings or animals.

Section 3. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county wherein the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by his act is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312. (The General Borough Code, Chapter 6, Article 12)

Section 3.—"No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13.—"Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk-line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14.—"No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty-second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 14, 1917, P. L. 840. (The General Township Code, Chapter 14, Article 1)

Section 1072.—"The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights, and interests therein, within the corporate limits of other townships or boroughs, as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 235. (The General Township Code, Chapter 14. An Amendment To Include Article 3)

Section 1141. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 872. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 304, as AMENDED JUNE 15, 1911, P. L. 964. (Municipal Cooperative Sewerage).

Section 1. "• • • That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty-second, one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE: The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned (see citations on page 479 and 479 of the pamphlet laws of 1915, and on pages 944 and 963 of the pamphlet laws of 1917). Hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

COMMONWEALTH OF PENNSYLVANIA, }
COUNTY OF Butler } ss:

Joseph A. Heineman being duly Sworn

according to law deposes and says that the foregoing application is made in pursuance of a Resolution duly adopted by the Council of the City of Butler and approved by the Mayor thereof, on the 23 rd. day of December 1933, and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Joseph L. Heineman (Name)

Mayor, City of Butler Pa (Title)

Sworn to and subscribed before me this 27 th. day of December 1933

Helen M. Wise
Notary Public

My Commission expires March 7-1937

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. ..... Attested ..... Rec'd. .....

For .....

PLANS: Number of ..... Rec'd. .....

Serial No. ..... Date ..... Field Ins'p. .....

ASSIGNED TO ..... Dated ..... Rec'd. .....

REPORT BY ..... Dated ..... By .....

ENGRS. STUDY NO. .....

APPROVED: Chief Engineer .....

Secretary of Health .....

SUBMITTED TO SANITARY WATER BOARD ..... Dated .....

PERMIT: Authorized by Sanitary Water Board ..... Date .....

Sent to .....

REMARKS .....

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified ..... Ack. Approval W. & P. R. B. U .....

Appr'd ..... Certified Permit to .....

SEWAGE TREATMENT
BUTLER, BUTLER COUNTY
APPLICATION # 6475

December 28, 1933

On December 28, 1933 an application dated December 27, 1933 was received from the City of Butler, Butler County, requesting approval to modify and add to the existing sewage disposal plant for the city by providing chemical precipitation facilities. The application was accompanied by duplicate plans of the proposed improvements together with a copy of the agreement executed between the city and Sanitary Engineers, Incorporated.

The Butler sewage plant comprises primary treatment. The plant consists of a mechanically cleaned bar screen, two Dorr clarifiers, an outfall sewer discharging into Butcher Run about 100 feet from its confluence with Connoquenessing Creek, heated separate sludge digestion tanks, and glass covered sludge beds. The plant was placed in service in the early part of 1928.

A number of sewerage permits have been issued to the City of Butler. The permit of July 22, 1920 required primary treatment of the sewage. The permit of July 8, 1921 required detail plans of the pumping station, settling tanks,

sludge beds and other appurtenances. The permit of June 18, 1924 required revisions of the formerly approved sewage plant plans, and the permit of April 28, 1926 approved plans of the existing plant.

The degree of treatment provided at Butler is the same as that provided at all of the municipalities on the watershed of the Beaver River in Pennsylvania.

The effluent from the existing plant is discharged to Butcher Run, a tributary of Connoquenessing Creek, at approximately 100 feet from its confluence with Connoquenessing Creek.

About 600 feet down stream below the confluence of Butcher Run and Connoquenessing Creek the Armco has constructed a concrete dam between 3½ and 4 feet in height across Connoquenessing Creek for the purpose of securing process water for the steel mill. Butcher Run discharges into the pool formed by this dam. Connoquenessing Creek at the Armco dam has a drainage area of approximately 100 square miles. It is evident, from the size of the drainage area and considering the fact that there are between 23,000 and 25,000 people connected to the sewage plant, that the summertime or dry weather dilution for the settled sewage is considerably below any accepted dilution requirements.

No sewage is discharged to Connoquenessing Creek above the City of Butler. A small amount of industrial waste from a rubber works and a pipe plant is discharged to the

stream at East Butler. However, these wastes have no effect on the stream at the Armco dam.

The effects of the settled sewage from the City of Butler on the stream and the pool formed by the Armco dam are very evident during warm summer months. The creek water is dark, highly septic, and at times of lower stream flows an odor is noticeable at the overflow of the dam.

The Armco uses the creek water for process water throughout the plant, which includes cooling of a number of hot rolls. In the summer of 1930 this company filed formal protest with the City of Butler complaining about odors and unhealthful conditions produced in their plant due to the settled sewage in the stream. Due to the lack of stream flow the steel company recirculates the creek water throughout the plant, discharging it again to the dam. In this way the steel company actually has provided in a measure some additional treatment of the city sewage even though objectionable conditions exist during the part of the summer when stream flows are lowest.

The Armco maintains a large strip steel department and uses enormous quantities of acid for pickling purposes. Four times during the past seven or eight years this company has either accidentally or willfully discharged considerable quantities of spent pickle liquor to the creek. One of these discharges was of sufficient quantity to kill all fish life in the stream. The others, while not of the same degree, have

been the cause of considerable complaint. The company maintains a neutralizing plant the operating cost of which, it is claimed, is a considerable burden for the company.

Connoquenessing Creek at Butler has a drainage area of approximately 100 square miles, and 35 miles down stream it joins the Beaver River. The Connoquenessing at the Beaver River has a drainage area of 835 square miles, 400 square miles of which is due to the Slippery Rock Creek, which joins Connoquenessing Creek several miles above the confluence of Connoquenessing Creek and the Beaver River. At regular intervals of four or five miles going down stream good size tributaries join the Connoquenessing.

Connoquenessing Creek is not used as the source of public water supply, although the Borough of Zelienople has an emergency intake in the stream. This has been used once during the past seven years, and at the present time the borough is providing another impounding reservoir so as to eliminate the Connoquenessing Creek water, and at the same time provide gravity raw water flow to the municipal filtration plant.

Three municipalities beside the City of Butler discharge sewage directly to Connoquenessing Creek. These are the Boroughs of Harmony, Zelienople and Ellwood City. Harmony and Zelienople have sewage plants, and the combined population is approximately 2500. Ellwood City maintains a sewage plant and discharges settled sewage to the stream several miles above its confluence with the Beaver River.

No industrial wastes are discharged to Connoquenessing Creek with the exception of those mentioned, and acid wastes which are discharged in sufficiently large quantities by the several steel mills at Ellwood City that noticeably affect the stream between the borough and the Beaver River.

There are many summer camps located along Connoquenessing Creek. These begin about five miles below the Butler sewage plant and extend down stream almost to Ellwood City. On August 8, 1930 a camp survey along the stream was made by Sanitary Inspector Brown which disclosed that there were nine permanent camps maintained by different church, Y.M.C.A., Y.W.C.A. and Boy Scout organizations. In addition there is a number of other private camps, some comprising group camps with as many as 40 and 50 cottages. Excluding the tent and transient campers and single private cottages, the survey disclosed that approximately 1500 was the ordinary summertime population of the camps mentioned. This figure is much larger over week ends and holidays.

Because of the several acid spills the feeling prevails along the stream that conditions at Butler are none too satisfactory from the standpoint of stream pollution, and because of this several of the larger camps, those having between 200 and 350 children, have constructed their own swimming pools. However, several of those swimming pools use creek water either filtered and chlorinated or chlorinated.

For the reason mentioned, notwithstanding the large number of camps along the creek, it can not be said that the stream has been largely used during the last several years for recreational purposes, especially swimming.

Three chemical samples have been collected from Connoquenessing Creek during the summer months of 1929, 1930 and 1933. These samples were secured from about 3/4 mile below the Butler sewage plant to immediately above Zelienople. The effects of the Butler sewage in the stream are quite noticeable.

The Butler sewage plant at present is well isolated. However, the State Highway Department is now building a new, modern, three and four-lane highway between the Cities of Pittsburgh and Butler. This new highway will be constructed almost immediately alongside Connoquenessing Creek below the City of Butler for a distance of several miles. The sewage plant is located about 200 feet from Connoquenessing Creek, and the highway will be constructed between the sewage plant and the creek.

The additions to the Butler sewage plant comprise a Dorr detritor; a short time,high speed,mechanical mixing chamber to mix ferric chloride and lime with the raw sewage; a one-story chemical control building 28' x 42' in plan; chemical feed equipment consisting of three Wallace and Tiernan dry feed chlorinators, one lime dry feed machine, a rubber lined liquid ferric chloride storage tank, and chemical feeding device; an auxiliary sludge pump; small fresh sludge chlorination reaction tank equipped with low speed agitator; and the installation of some device for measuring and recording the sewage flows received. In addition to these several features minor piping alterations

will be made which include converting four of the existing sludge digestion tanks into sludge storage and concentration tanks.

The design provides that during the periods of dry weather stream flows additional sewage treatment in the form of chemical precipitation and chlorination will be provided. During the cold months of the year, or the period of higher stream flows, the plant will be operated as primary treatment only, as presently done, or, the plant can be operated as a plant of primary treatment plus chlorination. If chlorination is resorted to during this season of the year to provide additional treatment, the chlorine can be added either to the raw sewage or fresh sludge can be removed continuously, a part of it heavily chlorinated and returned to the raw sewage.

The Butler sewer system is a so-called separate one. The sewage flows during wet weather increase materially, and at these seasons of the year at certain times considerable grit, principally in the form of ashes, reaches the sewage plant. The detritor proposed is a standard Dorr detritor 10 feet square, with capacity to remove grit and heavier particles from a sewage flow of from 3 to 3½ m.g., which compares with the present dry weather flows of approximately 1-1/3 m.g.d. The detritor will be constructed on the present 30" influent sewer midway between the screens and the mixing chamber which is located adjacent to the two clarifiers. The detritor is a standard Dorr unit equipped with classifiers

to separate the organic material from the grit, and includes a small storage bin for receiving the grit. It is not proposed to house this unit.

The present 30" influent sewer terminates in a manhole which is located adjacent to and opposite the center of the two Dorr clarifiers. The plan proposes to replace this manhole with a concrete mixing chamber 6' x 8' in plan, with 11½' total depth, which is equivalent to 7' depth below the invert of the incoming sewer. The mixing chamber will be baffled and the plans propose to introduce liquid ferric chloride, lime and chlorine into the influent sewage. Supported over the center of the mixing chamber will be a vertical motor-driven high speed agitator. A three-horsepower motor is provided which will operate the agitator at 900 r.p.m. The mixing chamber provides a mixing period of three minutes on an average dry weather flow of approximately 1-1/4 to 1-1/3 m.g.

The chlorine will be applied by means of dry feed chlorinators, there being four large lava chlorine diffusers.

There will also discharge into the mixing chamber a return sl[illegible] line. The proposed treatment provides for continuous removal of coagulated fresh sludge from the settling tank, this material being pumped to four of the present digesters which are to be set aside for sludge concentrators and sludge storage tanks. The coagulated fresh sludge before being introduced into the concentration and storage tanks will be rechlorinated somewhat along the line of Stevenson's experimental plant at Palo Alto, California. Chlorination of the fresh

sludge containing coagulated ferric chloride has a tendency to regenerate the coagulant which has the property of forming a large floc which settles rapidly. Some of this regenerated coagulant and sludge solids in the overflow liquor from the sludge storage tanks will be returned to the influent sewage.

The mixing chamber is located in the one corner of the chemical feed and chemical storage building.

The chemical control building is 28' x 42' inside dimensions. The city proposes to add a small office to this building, which will also serve as a chemical laboratory. This will be 10' x 14' in plan.

The chemical control building houses a steel, rubber lined, ferric chloride solution tank which has a capacity of 10,000 gallons. A Phipps and Bird siphon feed type proportioning device connects to the tank and provides a way of regulating the amount of ferric chloride to be applied to the sewage.

Space is also provided for lime storage and a lime dry feed machine, three Wallace and Tiernan dry feed chlorinators, and a rack to provide storage for eight full one-ton chlorine containers. Adjacent to the building a rack will be provided to hold eight full or empty one-ton chlorine containers.

Three dry feed machines are proposed, one for applying chlorine to the raw sewage, one to the coagulated fresh sludge, and the third machine being held as a reserve for either of the other two units.

The building will be constructed of either 12" hollow tile stuccoed, or frame shingle faced, to conform to the existing buildings.

The plan is to deliver the ferric chloride as a 60% ferric chloride solution, it being trucked to the plant.

The coagulated sewage leaves the mixing chamber and enters the two influent channels of the Dorr clarifiers. As the coagulated sludge is removed from the bottom of the tank the settled sewage containing a chlorine residual of approximately 1/2 p.p.m. will be discharged through a sewage flow indicating and recording device to the present 20" outfall sewer. The plans likewise provide for 30" bypass between the screen chamber and the flow recording chamber so as to permit the installation of the Dorr detritor and the mixing chamber.

The city likewise proposes under C.W.A. to construct an outfall sewer below the Armco dam, for which a separate application will be made.

The Dorr mechanism will be operated 24 hours a day as is presently done, and the coagulated sludge will be removed continuously from the bottom of the clarifiers.

It is proposed to install a manhole 6' in diameter between the clarifiers and the present sludge pumping building. In this manhole will terminate the two 6" sludge withdrawal lines from the two clarifiers. The plans provide for installing sliding pipe connections operated by valve stems located on the top of the manhole so that the rate of coagulated sludge

removal from each of the clarifiers can be controlled at this point. The plan provides for installing an auxiliary 45 g.p.m. centrifugal wood trash pump for pumping the coagulated sludge from the regulation manhole to the sludge mixing and chlorination tank. The two slip sleeves located in the regulation manhole on the sludge lines from the two clarifiers are provided so that the amount of coagulated sludge withdrawn from either clarifier can be regulated. This same device is installed in many of the final settling tanks at smaller activated sludge plants. The regulation manhole will have a total depth of 11 feet. The present sludge line to the existing centrifugal sludge pump will terminate in this manhole about one foot above the bottom.

Located in the existing sewage plant control building is a 4" Yeoman centrifugal pump which is used for pumping fresh sludge, recirculating ripe sludge if advisable, and can be used for pumping ripe sludge to the drying beds if necessary. The plan proposes to cut in on the present 6" C.I. sludge line and install a 4" low capacity, 45 g.p.m., wood trash pump. This pump will be operated continuously for pumping the coagulated fresh sludge from the regulation manhole to the sludge agitation and chlorination tank which is located on the second floor of the control building. The present Yeoman centrifugal pump, because of its much higher capacity, will be maintained as a reserve unit. The wood trash pump will pump the fresh sludge as before mentioned to the sludge chlorination

and agitation tank located on the second floor of the control building. This is to be a concrete tank 3' square and 12' deep, in which is located a low speed agitator. The coagulated sludge will be introduced at the bottom of the tank and after being chlorinated and mixed will be discharged by means of a 6" C.I. line at the top of the tank. The agitator device consists of a 1-1/2 horse-power motor the speed of which is geared down from 900 to 13 r.p.m. The agitating device at the bottom of the shaft is bronze propeller type agitator.

Chlorine will be applied to this tank at the bottom by means of a large lava chlorine diffusor. On a 45 g.p.m. pumping period this tank will provide a reaction or detention period of fifteen minutes.

The chlorinated coagulated sludge will be discharged from the agitation tank by means of 6" C.I. line to any one of the four sludge digestion tanks which are to be set aside for sludge thickening and storage.

A minor piping alteration will be made in these four tanks so that sludge can be drawn either off the bottom of the tanks or supernatant liquid can be withdrawn near the top of the tanks. Pumping coagulated sludge at the rate of 45 g.p.m. would mean that the sludge would have a solids content of between 1% and 2%. The rate of chlorination of this material would be sufficient to carry a residual of approximately 1 p.p.m. Judging from other experiences it would appear as though short time storage would increase the solids content

of the sludge to approximately 8% solids, which is close to the solids content of the ripe sludge produced at the Butler plant. The overflow or supernatant liquid from the sludge storage or concentration tanks will be returned by means of a 4" C.I. line to the raw sewage at the entrance of the mixing chamber.

In order to eliminate pumping the city sewage the outfall to the plant was laid on a very low gradient. Sufficient head is not available between the flow line of the clarifiers and the normal water surface of Connoquenessing Creek to install a Venturi meter. The proposed project includes a sewage metering device, although the type has not as yet been decided. A flow recording device is needed to serve as a guide in regulating chemical dosage and in addition, flow data is needed.

Chemical precipitation in sewage treatment is one of the older processes which, because of difficulties principally due to the voluminous amount of sludge produced, the chemical cost, the lack of satisfactory sludge disposal facilities such as the modern vacuum filter, mechanically cleaned settling tanks, and other lesser reasons, has been given up. During the past year or two a great deal of experimental work has been carried on because of the advent of cheap ferric chloride, to revive the chemical precipitation process.

It is claimed, and there appears to be ample experimental data to indicate the reasonableness of the figures,

that with a chemical consumption of 150# to 250# of chlorine per m.g., 200# to 300# ferric chloride (50%) per m.g., and 150# to 200# hydrated lime per m.g., an effluent after mixing and settling can be obtained which would show a removal of 75% to 85% of the suspended solids and a 65% to 75% five-day B.O.D. removal.

Based on present chemical costs - 2-1/4¢ per pound for chlorine in ton containers, 2½¢ per pound for anhydrous ferric chloride (50%), and hydrated lime at 70¢ per hundred, the chemical cost per million gallons, using average doses of the above mentioned chemicals, would be $12.50.

The plan of operation is to add coagulants to the sewage during the dry weather months or the period of the year of low stream flows. With high stream flows and colder temperatures, or both, the chemical precipitation will be discontinued and the plant will be operated as a plant of plain settling plus sludge chlorination if this proves feasible and practical, or if not, the sludge will be digested in the remaining ten digesters which have a combined effective capacity of 2.2 cubic feet per capita. With heated digestors this is adequate. If desirable the raw sewage can be chlorinated during the wet or cold months of the year. In other words, this program permits a much wider range of treatments than is now possible.

Chemical precipitation as proposed adapts itself extremely well to provide varying degrees of treatment

according to stream flow conditions, such flexibility is not possible economically with present biological methods of treatment. Trickling filters in this case means an additional capital outlay of approximately $70,000, excluding facilities for pumping the entire sewage flow; the activated sludge process an additional outlay of not less than $45,000, and this process is not susceptible to simply discontinuing the secondary treatment at any time desired. The trickling filter, being a more rugged process, would respond more rapidly to intermittent operation, although a fact not to be overlooked in this connection is the debt service charges, amounting to almost $12 per m.g. or $15 per day, which continues even with the filter out of service. Chemical precipitation has a great deal of appeal in comparison to present methods of treatment from the standpoint of flexibility and lower initial costs.

The following table has been prepared to permit a comparison between different methods of treatment as based on removal efficiencies of total bacteria, suspended solids, total organic nitrogen, and five-day B.O.D. These results are average accepted figures.

TYPE OF TREATMENT	AVERAGE % REMOVALS Suspended Solids	Five-day B.O.D.	Total Organic Nitrogen	Total Bacteria
Plain settling	50-65	35-40	30-35	50
Plain settling plus chlorination	50-65	50-55	30-35	90-99
Plain settling plus chemical precipitation, lime and ferric chloride	75-85	60-75	50-55	90-99
Plain settling plus chemical precipitation plus chlorination	75-85	65-80	50-55	99 +
Complete treatment Trickling filter	85-95	85-90	60-75	85-95
Complete treatment Activated sludge	85-95	85-90	60-75	85-95

This table shows very clearly that chemical precipitation using ferric chloride, lime and chlorine, will produce an effluent far superior to one of plain settling, and in fact approaches more closely a degree of treatment comparing with present biological processes. This treatment provides a step between plain settling plus chlorination and complete treatment, and should be recognized as such.

Experimental plant results show that by filtering the coagulated effluent through a rapid sand filter a very high suspended solids reduction can be accomplished and at the same time the B.O.D. removal can be increased somewhat above the figures given.

In biological processes a large part of the organic nitrogen is converted into more stable forms of nitrogen, as nitrites and nitrates. The organic nitrogen in sewage exists in two forms, suspended and dissolved. The high suspended solids removal by chemical precipitation together with the substantial reduction of organic nitrogen means, in fact, that the principal source of organic nitrogen remaining is dissolved.

Chemical precipitation does not remove much of the dissolved or putrescible materials in solution. However, some propose and in fact recent research tends to indicate that the use of chlorine renders these materials more or less inert.

The development of the B.O.D. determination provides a far better yardstick by which to measure chemical precipitation results in comparison with present methods of treatment than any test in use heretofore.

A study of chemical precipitation possibilities is not complete without proper consideration of chemical costs, and of total costs including debt service, making these comparisons with the cost of present methods of treatment.

The present Butler sewage plant cost approximately $110,000, or about $4 per capita on design basis. Average cost figures would indicate that it would require not less than $45,000 additional to convert the present plant into an activated sludge plant, or $70,000 additional to add trickling filters.

The operating costs of the present plant are approximately $6000 per year, or 24¢ per capita connected population. Debt service, which includes 4½% interest on bonds and sinking fund payments to retire bonds at maturity, amounts to $8450 a year. On estimated sewage flows of 1-1/4 m.g.d. the operating cost is $13 per m.g., and adding to this debt service of $18.75, the total operating cost amounts to $31.75 per m.g. Adding chemical precipitation costs of $12.50 per m.g. to the present cost of $13, gives $25.50 per m.g. as the operating cost of chemical precipitation exclusive of debt service. Debt service for the present plant plus equipment for chemical precipitation increases this cost to a total of $45.70 per m.g.

Average costs of five activated sludge plants about the size of the Butler plant indicate that operating costs are about $25 per m.g. Debt service requirements would increase this figure to $51.20 per m.g. The total operating cost of the present plant plus trickling filter would be about $48.30 per m.g. These figures are based on no added labor costs for either chemical precipitation or secondary treatment of trickling filters over the present primary treatment labor costs. An activated sludge plant would require added labor which is provided in the estimate given.

Sinking fund requirements are based on all four projects on a twenty-year life, which somewhat favors the

low cost projects in comparison with the activated sludge and trickling filter plant.

These figures very clearly indicate that chemical precipitation is not the cheap treatment claimed by certain advocates of the process. On the other hand, these figures very clearly indicate that considering the results obtained in the way of purification, or in other words, comparing the efficiencies of this process with biological processes, the city would be getting results in proportion to what it pays. The operating costs are somewhat higher than biological processes. However, the lower debt service charges reduce the total operating costs below biological processes, which is the same position that chemical precipitation holds with biological processes from the standpoint of operating efficiency.

The Armco plant is the largest industrial plant in the Butler vicinity. This is a large steel works producing mostly thin steel shapes. Large quantities of acid are used, and the company maintains a plant to neutralize spent acid before discharge to Connoquenessing Creek. Notwithstanding the intentions of the company, it is only reasonable to expect that spills or slips will continue to be made in the future as in the past. Were it not for this company the size and present and potential uses of Connoquenessing Creek would require complete treatment of the city sewage at least during low stream flows. Chemical precipitation plus chlorination during low stream flows would, under the circumstances, provide an

adequate degree of treatment. If satisfactory results are not obtained or at a later date conditions should require a completely treated effluent the only changes necessary in the facilities to be provided would be to remove the chemical feed apparatus from the chemical control building and substitute the necessary blowers, pumps, meters, etc. If this should prove necessary the value of equipment to be removed would amount to less than $5000.

At the present time there is no large scale plant in operation using the procedure proposed, although there is ample experimental data at hand to indicate that the degree of purification claimed can be obtained with proper design and operation of equipment and treatment facilities.

It is entirely possible that as experience is gained in the operation of a full scale chemical precipitation plant minor modifications might prove desirable. However, these will not be insurmountable. The principal difficulty which appears in the operation of the plant is the disposal of the amount of sludge produced. The present plant produces approximately 47,500 cubic feet of fresh sludge per month, which has a moisture content of between 95% and 96%. Approximately 70,000 cubic feet of ripe sludge per year is withdrawn to the drying beds. This sludge has a moisture content of between 88% and 91%.

Operating records indicate that the beds are in use approximately 60% of the year. With chemical precipitation the suspended solids removal will be increased from approximately

50% to 75%, which means a 50% increase in the amount of sludge removed from the sewage. Storage of the coagulated chlorinated fresh sludge will reduce the volume at least 50% and will increase the solids content from approximately 4½% to 9%, compared to fresh sludge. This means a large increase in the amount of sludge which must be handled on the drying beds. Assuming that the coagulated fresh sludge will dry as rapidly as ripe sludge, as is claimed, it is decidedly questionable if there is near enough drying bed area. Stated another way, a two years study of the present beds shows they will handle as a maximum 70# dry solids per square foot sand surface per year. This clearly indicates the need for substantial additional drying bed area. If this should be required, possibly a vacuum filter would be provided. It is the writer's understanding that the Sanitary Engineers Incorporated have contracted to install any additional equipment which may be required, at no expense to the city.

Experiments at the Rochester, New York, sewage plant show that a coagulated and chlorinated fresh sludge dries without odor and is stable to the extent that after several months storage on a pile following removal from drying beds it failed to produce odors or objectionable conditions.

Assuming it would require additional drying bed area, or that a vacuum filter would be needed to handle the surplus sludge over and above what could be handled on the

present drying beds, it should be borne in mind that this adds to the cost of this treatment.

In conclusion, it must be recognized that chemical precipitation and chlorination has a definite place in our present day field of sewage treatment and that with the newer developments of cheaper and better coagulants as ferric chloride, mechanically cleaned settling basins, mechanical mixing chambers, vacuum filters, and increased knowledge relative to coagulation, the present day chemical precipitation is not the old precipitation process abandoned years ago because of the many difficulties.

It must likewise be recognized that while the results accomplished or the efficiency of the process is not the equal of the better operated present biological processes, the total cost of operation is likewise not the equal of biological process costs. Where complete treatment is not required, yet primary treatment is not adequate, this process is an intermediate step. One feature not to be overlooked is the very much lower construction costs in comparison with biological processes, and it does not require a great deal of vision to see chemical precipitation used with sludge digestors and sludge drying beds eliminated to be replaced by vacuum filters.

From the standpoint that there is no large scale plant now operating using the entire process as proposed at Butler and lacking operating experience and data of full scale plants of this character, it is entirely possible that difficulties may be encountered, as for example, chemical feed

regulation to take care of the widely varying character and strength of the sewage received, extent of mixing which is required, and the possibility of needing flocculation after mixing to permit economical chemical doses, sludge disposal and other features. These are to be expected, and in view of the lack of operating experience to serve as a guide the permit should recognize these features and carry a condition making final approval subject to satisfactory operating performance. Such a condition places the burden of proof upon the city to demonstrate the satisfactory performance, and in this case protects the city in view of its contract with the developers of the process.

RECOMMENDATIONS

In view of the foregoing facts it is recommended that a permit be issued to the City of Butler, Butler County, approving additions and modifications to the existing sewage plant comprising chemical precipitation, as shown on a folio of five plans entitled "City of Butler, Pa. Detail of Sludge Pump Piping", "City of Butler, Pa. Detail of Sludge Control Well", "City of Butler, Pa. Details of Disposal Plant", "City of Butler, Pa. General Drawing of Sewage Plant", and "City of Butler, Pa. Sewage Disposal Plant Chemical House", dated 12-16-33, 12-13-33, 11-16-33, 12-16-33, and 12-17-33, respectively, and received in the office of the District Engineer at Meadville on December 28, 1933, subject to standard conditions Nos. 1, 2, 3 and 4, and to the following special condition:

The herein granted approval of the plans for additions and modifications to the existing sewage plant is limited to the construction of the additions and their use pending final determination as to the results accomplished and is not to be construed as approval of the process. Approval of the treatment to be provided will be contingent entirely on the results accomplished, which will be determined after a period of operation.

Respectfully submitted,

C. H. Young,
District Engineer.

CHYc

Appendix A-20-b

APR 1934
DISTRICT OFFICE

To the Mayor and City Council of
Butler, Butler County,
Pennsylvania.

On December twenty-eighth, one thousand nine hundred and thirty-three, an application was received in the Meadville Office of the Pennsylvania Department of Health, from the City of Butler, Butler County, requesting approval of "necessary changes and repairs and installing the necessary equipment to adapt to the existing sewage disposal plant of the City of Butler, Penna., the improved process of chemical treatment of sewage developed by Sanitary Engineers, Inc. The object to be attained is to deodorize the sewage plant, increase the removal of solids, render odorless and sterile the effluent, and produce a stable, oderless sludge. This project will be a benefit and protection to the health and welfare of the citizens of the City of Butler and the inhabitants along Connoquenessing Creek"; the application having been made in accordance with the provisions of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Sanitary Engineering of the Department of Health which indicate that the City of Butler is generally sewered throughout its developed parts with sewers of the separate type and which receive considerable quantities of storm water and grit at times of heavy rainfall; that the City has an existing sewage treatment plant comprising a mechanical bar screen; two Dorr clarifiers; fourteen separate sludge digestion tanks provided with temperature control and gas collection; and three glass covered sludge drying beds, and an outfall sewer to Butcher Run, a tributary of Connoquenessing Creek; that the degree of treatment afforded the sewage of Butler is inadequate to satisfactorily protect the waters of Connoquenessing Creek which stream is much used for recreational purposes; that because of the insufficient degree of treatment of the effluent discharged from the City's sewage treatment works, complaints have arisen from down stream riparian users of the creek; and that the City now proposes to modify its existing treatment works to utilize the principles of the chanical treatment of sewage developed by Sanitary Engineers, Inc., and, to effect such changes, submits the plans for which approval is requested.

The study further shows that it is proposed to modify the existing works by the installation of: a Dorr detriter; a chemical mixing chamber; a one story chemical control building equipped with chemical feeding devices and chemical storage tank; an auxiliary sludge pump and fresh sludge conditioning tank; appurtenant measuring devices; to convert four of the existing sludge digesting tanks into sludge storage and chlorination tanks; and to make appurtenant changes of plant to permit the addition of lime, iron salts and chlorine to the sewage and to the sewage sludge to effect a chemical precipitation of the sewage solids, aided by the return of a portion of the previously precipitated solids, and the conditioning of the sludge prior to its drying upon the existing sludge drying beds.

The study also indicates that certain industrial wastes, and in particular pickling liquors, from metallurgical works; are discharged to Connoquenessing Creek; that treatment works to modify these wastes have been placed in operation, but that in spite of this modification, these industrial wastes do affect Connoquenessing Creek to the extent that it would appear that a degree of treatment somewhat less than that afforded by complete oxidation of the City's sewage, would be satisfactory for the present treatment of this sewage; that the degree of modification of the City's sewage which it is claimed by the developers of the proposed method of chemical treatment will be attained, would appear to afford

the required improvement in the quality of the effluent of the City's sewage treatment works provided that the claimed for results obtained upon small scale experimental plant operation can be consistently maintained upon full plant scale operation; but that, however, the efficacy of the proposed method has not been demonstrated upon such full scale operation and hence must be considered as at present experimental.

The study likewise indicates that the City proposed to construct the sewage treatment improvements with Federal financial assistance obtained under the provisions of the Civil Works Administration and that time was of the essence of the matter; that the Bureau of Sanitary Engineering gave prompt consideration to the proposed method of chemical treatment of the City's sewage and in this connection called the City's attention to the experimental nature of the proposed treatment processes and of the desirability of including in the contract, to be executed between the City and the Sanitary Engineers, Inc., specific guarantees as to the degree of treatment to be effected by the proposed process and the cost of such treatment and definite arrangements as to the payment for such portions of the reconstructed plant as might not be usable for proven methods of sewage treatment, in case the proposed method of treatment was not found to be satisfactory;

that the City desired to undertake the proposed modification of its sewage treatment works with a full understanding of its experimental character and assuming responsibility for the nature of the contract entered into with Sanitary Engineers, Inc., so it is reported; and that the Bureau of Sanitary Engineering, therefore, recommended ad interim approval by the Secretary of Health of the proposed sewage treatment plant modification and the issuance of a permit therefor, subject to certain conditions.

The Secretary of Health approved the recommendation of the Bureau of Sanitary Engineering and acting under the ad interim powers conferred upon the Pennsylvania Department of Health under paragraph A, Section 2109 of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine, under date of January eighth, one thousand nine hundred and thirty-four, notified the City of Butler that approval, subject to certain conditions, was given of the proposed modification of the City's sewage treatment works as an experimental method of effecting needed improvements thereto.

The Sanitary Water Board at its meeting held on January twenty-fourth, one thousand nine hundred and thirty-four, ratified the ad interim action of the Secretary of Health in granting approval, subject to certain conditions, of the proposed modification of the existing sewage treatment works of the City of Butler and authorized the issuance of the permit

recommended by the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the City of Butler, Butler County, of the proposed improvements to the City's existing sewage treatment works, as these are shown on five plans bearing the general title: "Sanitary Engineers Incorporated Painesville Ohio. City of Butler, Pa.", and the following subtitles: "General Dwg of Sewage Plant", "Detail of Sludge Control Well", "Details of Disposal Plant", "Sewage Disposal Plant Chemical House" and "Detail of Sludge Pump - Piping"; the first plan also bearing the title: "City of Butler, Pennsylvania. Sewage Disposal Plant Consulting Sanitary Engineers" and as further described in a letter dated December sixteenth, one thousand nine hundred and thirty-three to C. H. Young, State Sanitary Engineer from Sanitary Engineers, Incorporated, by C. E. Lyon, Chief Engineer, and in a letter dated December twenty-sixth, one thousand nine hundred and thirty-three, from Sanitary Engineers, Inc., to the Honorable Mayor and City Council of Butler, Pa., signed on behalf of Sanitary Engineers, Incorporated, by W. Albert Davis, Secretary; the plans and letters aforesaid having been prepared by Sanitary Engineers, Inc., Painesville, Ohio; the plans having been received in the Meadville Office of the Pennsylvania Department of Health on December twenty-eighth, one thousand nine hundred and thirty-three; and as proposed

in the application; and a permit is issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the City of Butler shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: It is specifically stipulated that the approval herein given is of the proposed modifications and additions to the existing sewage treatment works of Butler as an experimental installation for utilizing the proposed chemical precipitation process for the treatment of sewage and that, although recent advances in the art of sewage treatment make it appear probable that the proposed method of treatment should be capable of effecting substantial improvement in the quality of the effluent now produced by the City of Butler's existing sewage treatment works, the efficacy of the proposed sewage treatment plant improvements will depend upon the degree to which the results claimed for the proposed method of treatment can be consistently attained upon plant scale operation, and further, upon the cost of such treat-

ment to the City.

The City of Butler is, therefore, notified that the approval herein granted is specifically conditioned upon the results which shall be attained by the operation of the treatment works as proposed and that if in the opinion of the Sanitary Water Board a satisfactory effluent is not consistently produced and satisfactory disposal of sewage sludge maintained, the City of Butler shall make such modification and/or extensions to its sewage treatment works as the Sanitary Water Board may direct.

FIFTH: Prior to the construction of the works herein approved as a general scheme for the experimental treatment of sewage, complete detail plans of all parts of these works shall be submitted to the Sanitary Water Board for approval.

SIXTH: When the sewage treatment works is constructed and before it is placed in operation the City of Butler shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

SEVENTH: The approval herein granted of the plans for the sewage treatment works and its appurtenances shall cease and be null and void on December thirty-first, one thousand nine hundred and thirty-four, if not specifically extended, unless the said sewage treatment works shall have been completed and placed in operation on or before said date.

EIGHTH: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the function for which they were designed.

NINTH: The screenings and sludge shall be handled so that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TENTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

ELEVENTH: The sewage treatment works shall be operated by a competent person or persons and in this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the City of Butler shall place the operation of the sewage treatment works under the control of the designers of the plant or some other person equally expert in the operation of sewage treatment works for at least one year after completion thereof.

TWELFTH: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The attention of the City of Butler is called to the desirability of providing in the contract between the City of Butler and Sanitary Engineers, Incorporated, specific and definite guarantees of performance by which it may be determined whether or not the proposed treatment works effect the required degree of treatment of the City's sewage; and of providing definite arrangements concerning the payment for the installation or concerning nonpayment and removal of apparatus or other parts of the proposed treatment works which will not be usable in connection with proven processes of sewage treatment in case the proposed chemical process of treatment does not prove satisfactory.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: . . . . . .
Theodore B. Appel, M.D.,
Secretary of Health,
Chairman.

Attest: . . . . . .
J. R. Hoffert,
Civil Engineer,
Acting Secretary.

Harrisburg, Pennsylvania,
January twenty-fourth, one thousand
nine hundred and thirty-four.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and thirty-four, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Albert Jenkins
Notary Public

APR 6 - 1934

DISTRICT

413433

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT. # 6475

NUMBER 10.001 SE. 02409-0693

PERMIT 7429

IMPROVEMENT TO BUTLER SEWAGE TREATMENT WORKS TO PROVIDE SECONDARY TREATMENT

413135

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT.# 7429

NUMBER 10,001 SE 02409-0693

413436

SEWAGE TREATMENT
BUTLER, BUTLER COUNTY
APPLICATION #____

October 25, 1938.

On October 17, 1938, an application was received from the city of Butler, Butler County, requesting approval of plans for improvements to the city sewage treatment works, as shown on duplicate plans accompanying the application.

In 1928, the city of Butler constructed a sewage plant of primary treatment, and in 1933 modifications were made to the plant to provide for chemical coagulation. These changes were made to permit the use of the Diamond Alkali process of chemical treatment. The plant was operated for a year or more, using this process, and because of the unsatisfactory results obtained, and a requirement of the sewerage permit, the city employed a technically trained operator, and has since made a number of modifications to the plant, as a means of improving the efficiency of the plant from the standpoint of chemical coagulation.

The plant modifications, with better operation, have resulted in materially improving the quality of the effluent of the plant. During this same period, improvements have been effected in the control of the discharge of industrial wastes by the various industries in the Butler area, with the result that progressive stream improvements have been effected.

The application and plans of the city provide for continuing the improvement in the treatment of the city sewage to such a

degree that Butler's sewage should no longer markedly affect the stream on low stream flows.

Connoquenessing Creek at Butler has a drainage area of approximately 85 square miles, and in addition to the stream flow being used over and over for industrial cooling purposes, which results in high temperatures and lower amounts of Dissolved Oxygen, some mine drainage is discharged to the stream, other industrial wastes are discharged to the stream, and at times, rather substantial amounts of salt water from gas and principally oil wells, are discharged from certain tributaries above the city. The very low stream flow, combined with the use of the stream for cooling purposes, with the discharge of industrial wastes and sewage, have produced at times a major stream pollution.

The city of Butler has had a low, steady rate of growth. The population has been increased from about 20,750 in 1910, to 23,500 in 1930, with a present estimated population of slightly less than 25,000. onnected to the city sewer system is Butler Township ewer system, and it is estimated that there are approximately 3000 in the Township connected to the sewer system. This makes a total sewered population connected to the existing sewage treatment works, of between 27,500 and 28,000.

The existing sewage treatment works comprises a mechanically cleaned bar screen and a mechanically cleaned grit chamber; an air flocculati n tank havin; about a 25 minute detention period; two mechanically cleaned clarifiers having combined detention period ranging from 1-1/3 to 3½ hours on sewage flows varying

from 4.0 to 1.6 m.g.d.; heated sludge digestion tanks without covers, having a combined capacity of 60,000 cubic feet, and glass-covered sludge beds having 12,000 square feet area. During the past year, chemical coagulation facilities have been provided, and results of analyses have shown that the raw sewage on a 14-hour sampling day, from eight in the morning to ten at night inclusive, has a 5-day B.O.D. ranging from 316 to 536 p.p.m. and an effluent for the same period varying from 107 to 151 p.p.m. 5-day B.O.D. These results have shown a B.O.D. removal of 60% to 75%. The 24-hour results have shown an average B.O.D. removal of between 60% and 65%.

Some time ago a study was made of the Butler sewage treatment works, to determine the most economical method of complete treatment, and this study has shown that a combination of daytime chemical coagulation and trickling filters, to be the most economical treatment. This is based on operating the filters on higher loads during the colder months, with higher stream flows, and during the periods of lower stream flows to supplement this treatment with chemical coagulation, so as to produce a high quality effluent. The improvements made to the plant during the past year have been made on this basis.

Contract No. 1 of this project, provides for the construction of the trickling filters. The settled or the chemically coagulated effluent will be conducted from the existing clarifiers to the pump house, where it will be pumped through a 16" C.I. force main to the two filters which are located on the sewage

plant property, farthest removed from Highway Route 8, which passes immediately adjacent to the plant site. The filters will be about 1000' from the Highway, and there is space available for the installation of two additional filters in the future, if, and when needed.

The settled or coagulated sewage will discharge into a reinforced concrete surge tank, immediately adjacent to the two filters. This tank is 6' x 6' in plan, and has a total depth of 10'. Connected to the surge tank are two valved, 14" C.I. lines which serve as the supply lines to the two filters. The surge tank takes the place of a dosing tank, and intermittent operation will be secured through the filling and emptying of the wet well in the pump station. Each of the filters is 158' in diameter; will have a stone depth of 8½'; and will be circular type of filter provided with rotary distributors. Each filter is provided with a reinforced concrete wall and floor, the floor sloping from the center to each side, where peripheral troughs are provided for receiving the treated effluent.

The underdrains are to be either Metropolitan or Federal Glass Products Company, both of which are vitrified tiles having round inverts, the underdrains being laid on the concrete floor. The underdrains will have a 1% slope each way, and special tile inserts are provided in the wall where the effluent will pass through the wall into the collecting troughs. The filters are to be provided with either limestone or combination of slag and limestone filter media. The stone is to range in

size from 1½" to 2½". The distributors will have a capacity each, ranging from a minimum of 300 gallons to a maximum of 2100 gallons. The ordinary operation range will be from 700 g.p.m. to 1750 g.p.m. The effluent from each filter will discharge into peripheral troughs on both sides of each filter, and those will be collected through 24" sewers into a common effluent line that will carry the trickling filter effluent to the humus tank, which will be located adjacent to the existing clarifiers and laboratory control building.

The filters have been designed to receive the sewage flow from a population of 35,000, and it is proposed to use chemical coagulation at times, to supplement plain sedimentation, as a means of reducing the load on the filters. The present use of chemical coagulation for 14 hours a day on the daytime sewage flows, which represents a large percentage of the 24-hour organic load, shows that a 60% B.O.D. removal, based on 24-hour samples, can be secured. Reducing the B.O.D. of the raw sewage by 60% on a 24-hour basis means approximately a reduction of 70% on a 14-hour basis, with a greater increase reduction in suspended solids. It is expected that this will permit doubling the usual accepted filter loading of about 2500 persons per acre foot depth per day. The two filters have an area of .9 of an acre, and on present population, without supplemental chemical coagulation, this means only a loading of 3500 persons per acre foot depth.

As before mentioned, during the periods of lowest stream

flow, chemical coagulation will be used to supplement treatment, so as to produce a high quality effluent, and during the other months of the year, excepting the Summer months, the raw sewage will be flocculated and settled, which will secure a greater suspended solids removal than through plain sedimentation, and this effluent will be applied to the filters during the early years of operation. It is not expected to use chemical coagulation extensively, however as the filters approach the design basis, chemical coagulation will be resorted to. The oxidation of Butler sewage, as proposed for low flow conditions, is more than adequate for the present, and as additional improvements are effected in the regulation and discharge of other industrial wastes in the area, a high quality sewage effluent can be produced by supplemental chemical coagulation.

SLUDGE DIGESTION TANK, EFFLUENT PUMP STATION, AND FINAL SETTLING TANK.

Contract #2 of the Butler sewage treatment plant improvements comprises effluent pump house, final settling tank, tunnel and piping connections between the pump house and the sludge digestion tank, floating cover for the sludge digestion tank, pressure pump line from the pump house to the dosing tank at the filters, sewer from the filters to the final settling tank, and appurtenances. The plans for this part of the plant improvements also include an auxiliary, circular heated sludge digestion tank which is at present being constructed by WPA. This contract completes the sewage plant improvements.

The present average sewage flow is about 2.25 m.g.d. with a variation from a minimum of 1.5 to a maximum of approximately 4.0 at times of wet weather.

The plans for this part of the plant improvements provide for the construction of a 4' x 4' concrete manhole immediately adjacent to the existing weir manhole, which includes a 30" C.I. pipe nipple connection, the invert of which has the same elevation as the invert of the weir manhole. The weir manhole is located on the outfall sewer. The settled sewage will discharge through the 30" C.I. wall nipple into the 4' x 4' manhole, into which connects a 24" C.I. line that will carry the settled sewage to the wet well in the pump station. The 24" line is valved at its inlet so that if desired, the settled sewage can be discharged directly to the stream rather than to the wet well in the pump station. The 24" line is laid on a grade so that it will have a carrying capacity of approximately 6 m.g.d. A 24" x 10" Venturi meter having a capacity range from 1.4 to 7.0 m.g.d. for 24 hours, is to be installed on the 24" line immediately adjacent to its entrance to the pump station wet well. The settled, measured sewage is discharged into the wet well of the pump station through a channel arrangement which is provided with two removable screens provided for removing floating material from the settled sewage. The screens are 4' wide, are made with cypress frames on which is mounted 4-mesh, #14 copper wire screen. An overhead chain block with trolley and track is provided for the easy removal of the settled sewage screens.

The effluent pump house is 52' x 27' in plan, is provided with reinforced concrete basement and first floor, and brick superstructure. The basement of this building is connected by means of a reinforced concrete tunnel 5'3" wide by 7'6" high, to the valve control room which is immediately adjacent to the new circular sludge digestion tank. The pump house houses the wet well, the settled sewage pumps, sludge measuring and conditioning tank, gas engine-driven generator for generating electric power from sludge gas, sludge pumps, heating water controls for utilizing the gas engine cooling water and exhaust heat if necessary for building heating and the heating of the sludge digestion tanks. The Venturi registrars, miscellaneous appurtenances, toilet facilities, etc., are also located in this building.

The effluent wet well is 10' x 15' in plan, and has a drawing depth of 4'. The bottom of the wet well is shaped, the bottom sloping to the suction lines of the pumps. Provision is made for three effluent pumps to connect to the wet well, however only two pumps will be installed at this time. The design provides for a connecting 12" C.I. line equipped with a Venturi nozzle, to permit the return of oxidized effluent into the wet well for diluting the settled sewage. This connection will permit the return of as much as 1.5 m.g.d. per day of oxidized effluent to mix with the settled sewage before being pumped to the filters. Experience at other plants has in some material benefit can be secured in trickling filter operating through inoculating and diluting a strong settled sewage before its

delivery to the filter. This line is provided with a valve in the pump house, and by means of the meters on both the settled sewage and the final effluent lines, varying amounts and proportions of the final effluent can be added to the settled sewage. The sewage pumps are to be Centrifugal, electrically operated, each of which will have a rated capacity of 2100 g.p.m. with a variation from 1400 g.p.m. to a maximum of 2500 g.p.m. under the different operating conditions. The pumps will be provided with 12" suction, 10" discharge lines that will connect into a 16" C.I. force main that extends to the dosing tank of the filters. Each of the pumps will be suitably valved and will be float-operated, the starting equipment being so connected that ordinarily the one pump will be a standby, except that it will cut in on the peak daily flows, and will perform regular service in the event of failure of the other pump.

The Butler sewage plant is provided with two rectangular sludge digestion tanks which have a combined capacity of 60,000 cubic feet. The tanks are heated by means of natural gas, and are covered, although the covering and design of the tanks does not permit gas collection. The economical use of gas limits the temperatures of the sludge digestion tanks, which is below the optimum temperature. With the enlargement of the plant to provide for removal of more sludge solids than from primary treatment, additional sludge digestion capacity is required. A part of this plant project includes the construction of an auxiliary

circular heated sludge digestion tank. This tank is 50' in diameter and has an effective side depth of 20', which gives the tank a capacity including the hopper, of approximately 41,000 cubic feet. The tank is being constructed immediately adjacent to the one end of the existing tanks, it being laid out so that in the future a second circular digestor can be added.

The digestor is to be provided with a floating type cover for gas collection, heating coils for heating the tank contents, and necessary sludge and supernatent piping connections. The floating cover is the conventional type cover which will be roofed with double thickness sheeting on which will be provided a three-ply composition roofing. The cover is to be provided with three sampling manholes and center gas dome. It is intended to weight the cover by means of precast concrete weights to permit removing the gas at a pressure of 8½" of water. Eight reinforced concrete brackets are to be constructed on the inside walls of the tank 11' below the top of the tank, so as to provide a support for the cover if it should be found desirable to dewater the tank in the future. The tank will be heated by means of ten 2" copper hot water heating lines installed spirally, the lines being spaced on about 15" centers, thereby covering the lower half of the tank. The coils are supported by means of pipe supports which are located 1' from the side walls. Supernatent liquor will be withdrawn from the tank through four C.I. connections which are spaced on 3½' centers. The top supernatent

withdrawal line is 8", and the lower lines are 4", the 8" line being provided so that if desirable, floating material can be removed. Each of the supernatent withdrawal lines are valved, and they connect into a common 8" header that is cross-connected to the sludge suction line, to the sludge supply line, to the existing digestors, or to the 8" supernatent line, which will permit returning supernatent from this tank directly into the influent sewage at the screen chamber. Immediately adjacent to the sludge digestion tank is the sludge piping control room. This is of reinforced concrete with brick top super-structure, and is 15' wide and approximately 25' long. All of the sludge piping with valved controls, including supernatent and sampling lines, are located inside of this control room.

Opposite the supernatent withdrawal lines are located the sampling lines. These are 2", are spaced on 3'6" centers, extend through the walls of the sludge digestion tank, are valved, and discharge into a vertical 2" manifold that discharges into an observation sink located on the floor of the control room. These sampling lines are installed to permit sampling and observing either supernatent or sludge from the digestor.

A part of this project includes connecting the sludge withdrawal line from the two existing clarifiers, to the sludge pumps located in the basement of the pump house. Also, the sludge line from the proposed humus tank will be connected into the sludge pump house and this line will be connected to the sludge piping so that any desired operation procedure can be used. In the base-

ment of the control building are located three sludge pumps. Two of these are duplex plunger-type pumps, the third being electrically operated Centrifugal. The existing Barnes duplex sludge pump is to be moved from the existing control building to the basement of the new pump building, and in addition a second duplex plunger-type pump is to be installed. This pump will have an adjustable capacity ranging from 20 to 140 G.P.M. The two sludge pumps are connected to the sludge piping in such a way that raw sludge can be drawn from the existing primary clarifiers, humus tank sludge can be drawn from the humus tank, or sludge can be drawn from either the circular digestor or the existing digestors, sludge can be circulated in either of the digestors, or supernatent can be circulated, or any of these sludges can be pumped to the conditioning tank for observation or conditioning. The 500 G.P.M. Centrifugal pump is also connected to the sludge lines, so that this pump can dewater any of the settling units, can be used for circulating supernatent or sludge in either of the digestors, or for other uses in this connection.

Adjacent to the sludge pumps in the basement, is located the sludge conditioning tank, which is a rectangular, reinforced concrete tank that is 10' x 11' in plan, and which is provided with a hopper bottom. The sludge discharge lines from the pumps is arranged and valved so that the sludge can be withdrawn from any of the settling units or the digestors and discharged into this tank, wherein can be added and the conditioned sludge returned to

either of the digestors. Piping provision is made so that the sludge added to the conditioning tank can be observed, and this tank can also be used for measuring the amount of sludge withdrawn. The top of the conditioning tank also serves as part of the floor of the pump building. Located immediately over the conditioning tank is the lime storage room, in which is located a lime solution tank equipped with a motor agitator. The lime solution is admitted to the conditioning tank by means of a valved 1½" line. As before mentioned, a piping tunnel connects the basement of the pump house with the control room adjacent to the circular sludge digestion tank. All of the sludge piping, hot water feed and return lines, and gas lines are located in the tunnel.

It is proposed to operate the new digestor in series with the existing digestors, which is in effect, stage digestion. The purpose of this is in order to secure the maximum amount of gas for use in generating the power required at the plant. The raw or humus tank sludge can be pumped directly to the new digestor, in which case the sludge will be discharged by means of an 8" sludge inlet to near the center of the digestion tank. When it is desired to pump direct from either of the settling tanks to the digestor, not utilizing the observation or conditioning tank in the pump house, provision is made so that the raw or humus tank sludge can be measured by means of a tripping tray sludge bucket having a capacity of two cubic feet, which is located in the top of the control room at an

elevation so that the sludge on being emptied from the bucket will flow by gravity to the digestor, either through one of the supernatent inlets or through the sludge inlet. The tripping tray sludge bucket is equipped with a counter, and when sludge may be pumped direct to the sludge bucket, sampling cocks are provided on the sludge pumps for observing the character of the sludge. An 8" C.I. sludge withdrawal line is provided that terminates in the center of the tank at the bottom of the hopper. This line is connected into the sludge manifold. The tank is also provided with an 8" C.I. overflow, so designed that supernatent will be displaced in the event that the flow line of the tank reaches an elevation of 1'9" below the top of the tank. The lower part of the digestion tank will be banked with earth, and the top 9' of the side walls will be encased with brick, with one inch air space between the brick and the concrete wall.

The flow line of the new tank is about 5' above the flow line of the existing tanks, which will permit the gravity displacement of either sludge or supernatent from the new tank to the existing tanks. While the old tanks are equipped with heating coils, it is not intended to connect the heating system of the new tank with the old tanks. It is expected to utilize the old tanks as sludge storage tanks, and by operation of the tanks on a stage digestion basis, with the first stage tank at a temperature of 91° to 95°, it is expected that the

temperature of the storage tanks, even in winter time, will be approximately 70°.

A 3" W.I. gas line connects the new sludge digestion tank with the gas controls, which are located in the basement of the pump building. The produced gas will be measured through a 3" gas meter, the gas line being designed so that the gas produced will be used as necessary, and if not, the excess will be wasted through a meter and a flame trap, to the waste gas burner. The piping provides for the gas to be used in connection with plant operation to connect to a steel gravity-type displacement gas tank, which has a maximum capacity of 325 cubic feet. When more gas is being produced than is required in plant operation, gas will be drawn from the low pressure storage tank to an electrically-operated automatic control gas compressor, which will discharge the surplus gas to a circular, horizontal type, steel, high pressure storage tank that is 10' in diameter, by 20' long, has a capacity of 1550 cubic feet, the gas being stored at a maximum pressure of 50 pounds per square inch. If more gas is being used than is temporarily produced, gas will be bled by means of a reducing valve, from the high pressure system into the low pressure system. The gravity gas-holder will supply gas to the gas engine for heating purposes in the several buildings about the plant, or to the hot water heaters located in the basement of the pump room, the heaters being used for heating water for controlling sludge digestion temperatures, or for heating the pump building, in the event that the gas engine

will not be operated.

The gas-engine-operated generator will be located on the first floor of the pump building, with provision being made in the design for the installation of a second gas engine and generator in the future. That part of the floor of the pump station building on which will be located the gas engine generators, is designed so as to minimize transmission of vibration from the gas engine into the building and equipment of the building. The floor on which the present and future generator will be located, is completely separated from the remainder of the floor through the installation of a space in which will be located 1" of cork, set by means of bituminous cement. The supports for this floor are 8" x 8" "H" beams that are carried through to separate foundations underneath the floor of the basement. In addition to this, the engine and generator will be mounted on Vibro dampers. The gas engine will be a 75-horse power, 4-cycle, vertical type gas engine, which can be operated either on sludge gas or natural gas. The engine will have a speed of 720 R.P.M.s and will be direct connected to a 50 K.W. generator. The engine will be fully equipped with starting and control facilities, including automatic stopping controls which are actuated either by engine or oil temperatures. The cooling water from the gas engine will be used for heating of the building and for heating of the sludge digestion tank, and lines are installed in the hot-water tank so as to dissipate excess temperature not required in operation of the

plant during the warm months of the year. In addition, an economizer is to be installed, which will permit utilization of the temperature of the exhaust gases for supplementing the heat contained in the cooling water. The combination of these two sources of heat will provide more than an adequate amount of heat for heating the digestion tanks and buildings during the winter. The engine exhaust connects to a muffler located on the outside of the building. The generator delivers electricity to switch boards that are installed with automatic controls, for governing the engine speed, dependent upon the power needs at the plant. In addition, the switch board design provides for drawing power from the local power company, in the event of discontinuance of operation of the engine either manually or automatically. The Butler plant at present utilizes natural gas for heating the buildings and the sludge digestion tanks, and piping connection is to be made from the natural gas system to the sludge gas system so that if required, natural gas can be used to supplement the sludge gas.

The heating facilities for the sludge digestion tank are located in the basement of the pump building. The existing gas-fired hot water heater used for heating the present sludge digestion tanks is to be relocated in the basement of the pump building, and in addition a gas-fired steam boiler having a heating capacity of 400,000 Btu per hour is to be installed. Connection is provided whereby cooling water from the gas engine will be connected to a hot water storage mixing tank, or the engine cooling water

will be discharged first through the economizer, and then into the storage tank, or hot water from the old boiler will be discharged directly into the storage tank, or steam from the new boiler will be discharged to the storage tank. Thermostat controls are provided for controlling the temperature in the storage and mixing tank. Two hot water circulating pumps will be provided, these being located in the basement. These pumps will have a capacity of 60 G.P.M. and will take water from the storage tank and deliver it into the hot water feed line to the digestor, which is also connected into the cooling coil system located in the humus tank. The hot water heating and supply lines will be provided with recording thermometers and hot water meter.

The oxidized sewage from the trickling filters will be conducted by means of a 24" T.C. sewer laid on a grade of .26%, to a manhole which is adjacent to the humus tank. The 24" connecting sewer has a capacity of 6.5 M.G.D. The manhole into which it discharges is designed as a diversion manhole and a fitting is provided so that in the future a second final settling tank can be constructed. An 18" C.I. connecting sewer connects the manhole with the influent arrangement at the humus tank. A 6" T.C. tile is provided which connects the chlorination building with the manhole so that a chlorine hose can be carried through the tile, the chlorine being added to the oxidized sewage as it enters the humus tank.

The humus tank is a circular tank 50' in diameter, and it

has a side water depth of 10'. This tank has a capacity of 47,000 gallons, which on a 20-hour flow day, gives it a one hour detention period for 3.0 m.g.d. sewage flow. The tank is a conventional type, center feed, peripheral overflow, mechanically cleaned tank, the design permitting the installation of either Dorr, Link-Belt, Chain-Belt, or Hardinge type sludge removal mechanisms. The tank will be provided with a weir with V notches on 6" centers, that extends around the entire periphery of the tank. A scum baffle, adjustable, is to be installed and will be located 12" in front of the weir. The sewage is applied through a center distribution and diffusion arrangement, and sludge will be removed from the bottom of the tank through a sludge hopper into which connects an 8" C.I. sludge line terminating in the sludge header in the pump building.

The settled sewage from the tank discharges over the weirs into a peripheral trough that has a slope of .83 of a foot from the one side both ways into an effluent box on the one side of the filter. The effluent box is provided with an adjustable weir which can be raised or lowered so as to permit varying amounts of the final effluent to be returned for diluting purposes into the wet well in the pump house. The effluent over and above what may be returned, will discharge through a 24" T.C. sewer into the outlet end of the existing weir chamber, which is the beginning of the 30" outfall sewer leading from the plant to Conneaquenessing Creek.

The plant additions have been laid out so as to conform to

A plant of the type as installed at Butler, requires skilled operation to secure a satisfactory effluent, and the permit issued to the city should require the city to provide a technically trained operator to have charge of the plant.

A part of the application of the city provides for extensions to the sewerage system, and for the rebuilding of a part of the interceptor between Jefferson and Cunningham Streets and Sullivan Run, with the removal of a 30" interceptor from the bed of the Run, and its replacement with an inverted siphon. The sewerage extensions provide for the reconstruction of an existing sewer on Center Avenue between East Street and Whipple Avenue; for a connecting sewer across private property, between Wayne Street and Virginia Avenue; and for a lateral extension on Walker Way from the terminus of the existing sewer to Freeport Road. The Center Avenue reconstruction has a length of 800', is laid on a 2% grade, and replaces an existing 8" sewer that has occasioned the city considerable trouble in maintenance. This sewer serves principally the Oakvale district, which is located in the township adjacent to the city. The 10" sewer has considerably greater capacity than the existing 8" sewer, and is a desirable replacement.

The 8" connecting sewer between Wayne Street and Virginia Avenue is 148' in length, is across private property, and permits abandoning a piece of the original sewer system of the city which has leaked considerably. The relocated sewer is removed from the Run, is laid on a 1% grade, which is a grade in excess of the

old sewer, and this likewise, is a desirable replacement.

The extension on Walker Way is 1130' in length, has grades varying from 6.4% to 11.4%, and provides sewerage facilities for some eight or ten homes which are served with cesspools and septic tanks at the present time. Manholes are provided at changes of lines and grades on all three of the proposed systems.

For a number of years, at times of wet weather and rainfall, the city of Butler has been experiencing difficulty with the surcharging of sewers in the Jefferson-Race Streets district, occasioned in part because of the fact that all of the lateral sewers concentrated at this point are on relatively steep grades, whereas from the intersection of those streets south, is the beginning of an interceptor which is laid on a relatively flat grade. In all probability, the greatest difficulty is due to ground water leakage and possibly the discharge of roof water into the sewer system, as the sewer difficulties have been related to rainfall occurring during periods of high creek stages or high ground water levels. Difficulty has also been experienced in this area due to Sullivan Run overflowing its banks and flooding cellars and property in that section. The city has undertaken a channel-widening and straightening project, which includes deepening the channel near its confluence with the main Creek, and the plan for the siphon crossing under Sullivan Run has been prepared to permit deepening of the Creek channel at that point. The plan for sewerage changes in this area

includes the replacing of the 24" interceptor between Jefferson Street and Sullivan Run, with a 30" interceptor, so as to increase the capacity, and at the same time make available some additional head for the operation of the siphon. The inverted siphon creek crossing begins with a manhole on the north side of the Run, with a 12", 14", and 16" C.I. line extending below the bed of the Run and terminating in the manhole on the opposite side of the Run. The distance between centers of manholes is 33'. The manhole at the influent end is designed and provided with adjustable weir overflows so that ordinarily the minimum flow is delivered to the 12" pressure line, with the maximum flow carried by the 12" and 14". In the event that either or both of these lines might become stopped, the sewage will be discharged into the 16" line, which has approximately the capacity of the other two lines. The 30" interceptor which replaces the 24" line has a capacity of approximately 15 m/g.d. The inverted siphon has a capacity of about 10 m.g.d. with either the two small lines or the larger line in operation, whereas the interceptor from the siphon to the plant has a capacity of approximately 7.5 m.g.d. This construction will improve the flooding conditions in this area from the overflowing of the Run, and will also increase the carrying capacity of this part of the interceptor, which will be a benefit in reducing the cellar-flooding caused by sewage and excess storm water backing into cellars. The design of these various sewerage extensions is satisfactory, and a permit should be issued to approve this

construction.

CONCLUSION

The plans under consideration provide for desirable sewerage improvements and extensions to the city, and for secondary treatment of the city sewage. The plans provide for a plant which will produce an effluent capable of being discharged to Connoquenessing Creek withouth affecting the stream. A plant of complete treatment, to serve a municipality the size of Butler, should be placed under technical control to produce the best possible results. This is especially true of a plant of this type, and the permit issued should require the city to provide a technically trained operator to supervise the operation of the plant.

RECOMMENDATIONS

In view of the foregoing facts, it is recommended that a permit be issued to the city of Butler, Butler County, approving two folios of sewage plant plans entitled: "City of Butler Sewage Treatment Plant Improvements, Contracts 2, 3, 4, & 5"; and "City of Butler, Pa. Trickling Filters & Appurtenances, Contract #1"; both prepared by the Chester Engineers of Pittsburgh, and sub-titled respectively: "Digestor, Control Chamber & Tunnel, Plans, Sections, & Elevations"; "Digestor, Control Chamber & Tunnel, Plan & Sections"; "Digestor, Control Chamber & Tunnel, Sections"; "Sewage Treatment Plant, Influent & Effluent for Trickling

Filters"; "Sewage Treatment Plant, General Arrangement"; "Sewage Treatment Plant, Floating Cover & Digester"; "Sewage Treatment Plant, Pump House Plan & Elevations"; "Sewage Treatment Plant, Pump House Basement Plan and Sections"; "Sewage Treatment Plant, Pump House Details"; "Sewage Treatment Plant, Electrical, Heating, & Gas Control Layouts"; and "Sewage Treatment Plant, Secondary Settling Tanks, Plans & Sections"; and titles for second folio: "Sewage Treatment Plant, General Arrangement"; "Sewage Treatment Plant, Trickling Filters Plan"; "Sewage Treatment Plant, Trickling Filter & Surge Tank Details"; these numbered 555-4, 5, 6, 12, 13, 14, 15, 16, 17, 18, and 19; and for the second folio, 555-9, 10, 11, and the four sewerage plans entitled: "City of Butler" and Sub-Titled: "Sullican Run Syphon"; "Profile 8" Sanitary Sewer Walker Way, Alley East of Morton Ave."; "10" Sanitary Sewer on Center Ave."; "Wayne Street-Virginia Ave. Connection"; all received in the office of the District Engineer at Meadville, March 9, 1939, October 24, 1938, and December 14, 1938, January 9, 1939, December 14, 1938, and July 23, 1938, for the sewerage plans, subject to the following standard and special conditions: 1, 2, 3, 4, 10, 21, 32, 33, and the following special condition:

In order to secure efficiency of operation and proper protection of the waters of the State, the sewage treatment works herein approved shall be operated by competent persons under the direction of a technically trained supervisor.

CHY:R

C. C. Young,
District Engineer.

Form HSE-401—1M—11 37

APPLICATION NO. 413460

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

RECEIVED
OCT 17 193
DISTRICT "C" OFFICE

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

October 11th, 1938
(Date)

From CITY OF BUTLER
(Name of Municipality or Person)

IF A "PERSON": Project is located in BUTLER
(Name of Municipality or Township)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF REVENUE" FOR FIVE DOLLARS MUST BE ATTACHED HERETO AS A "FILING FEE."

RECEIVED
OCT 17 1938
DISTRICT "C" OFFICE

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987 "the corporate authorities having by law charge of the sewer system" of City of Butler
(Name of person)
or _____ in Butler County,
in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for constructing improvements to the existing sewage disposal plant so as
(Describe briefly the sewerage project for which this application is made.)
to provide for secondary treatment following primary treatment in the borough.
If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permit must include evidence
connection with coagulation during summer months. The secondary
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, such evidence must include evidence
treatment will consist of two trickling filter units 150 ft. in diameter
satisfactory to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, as such, will
by 8-1/2 ft. deep; mechanically cleaned secondary settling tank 50 ft.
not in any way be inimical or injurious to the public health, to animal or aquatic life or to industrial
in diameter by 12 ft. deep; sewage pumping station to pump effluent
consumption or for recreation.)
from the primary tanks; [illegible]; new screening arrangement;
[illegible] digester with floating cover;

gas collection to be used to generate power for pumping the effluent from the primary tanks to the trickling filters; together with the necessary piping and appurtenances.

413461

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by

The Chester Engineers
(Name of Engineer)

and in the report thereon prepared by The Chester Engineers (Name of Engineer)

all of which are made part of this application.

Geo. M. Thompson
(Name)

Mayor
(Title)

Butler, Penna.
(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA }
COUNTY OF Butler } SS:

Philip O. Miller being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a Resolution duly adopted by the Council of the City of Butler and approved by the City Council thereof, on the 6th day of September 1938 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Philip O. Miller
(Name)
City Clerk
(Title)

Sworn to and subscribed before me this 14th day of October 1938

F. Brandt Shira
Notary Public

My Commission expires June 3 1942

EXCERPTS—From Act 394, approved June 22, 1937, P. L. 1987.

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article I, Section 1.

"'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article II, Section 206.

Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

BOROUGHS: Act approved May 4, 1927, P. L. 519.

Section 2107.—"No contract for the construction of any such sewer system shall be entered into, until a permit for the construction of the same shall have been obtained from the Sanitary Water Board."

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P. L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

SECOND CLASS TOWNSHIPS: See Art. 15 of Act approved May 1, 1933, P. L. 103 and Act 503, approved July 1, 1937.

CITIES OF FIRST CLASS: SEWER DISTRICTS: See Act 261, approved May 28, 1937, P. L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P. L. 463, amended by Act approved May 20, 1937, P. L. 739.

SEWERS CONSTRUCTED JOINTLY—For laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P. L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Sections 2440-2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Sections 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P. L. 630.

NON-DEBT SEWER REVENUE BONDS: See (First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Townships) Act 146 approved May 7, 1937, P. L. 571.

RESOLUTION OF THE SANITARY WATER BOARD

413163

RELATIVE TO FEES:—(Adopted September 28, 1937)

"WHEREAS, Section 609 of Act 391, approved June 22, 1937, authorized the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued,'

"THEREFORE BE IT RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a filing fee of $5.00 which in the form of a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, shall accompany each application for the issuance of a permit under said Act, and

"BE IT FURTHER RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a fee of $20.00 to be paid by a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, by persons and municipalities prior to the issuance of a permit to them under said Act.

"PROVIDED, HOWEVER, That filing and permit fees shall not be required from branches of the government of the United States or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. ..... Attested ..... Rec'd .....

For .....

PLANS: Number of ..... Rec'd .....

.....

Serial No. .....

ASSIGNED TO ..... Date ..... Field Ins'p

REPORT BY ..... Dated ..... Rec'd .....

ENGRS. STUDY NO. ..... Dated ..... By .....

APPROVED: Chief Engineer .....

Secretary of Health .....

SUBMITTED TO SANITARY WATER BOARD .....

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

HSE-691-2M-12-39

413464

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

The Sanitary Water Board, which by virtue of The Administrative Code approved June 7, 1923, P.L. 498, and the amendments thereto and of Act approved June 22, 1937, P.L. 1987, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation", hereby issues this permit to the city of Butler, Butler County, in response to the application and supplementary application from the said municipality, and hereby approves, subject to certain conditions, the proposed additions and improvements to the sewage treatment works, and the proposed sanitary sewer extension and replacements, as these are shown upon three folios of plans consisting of four, twelve and four sheets respectively supplementing the said applications. The folio of four sheets consisting of a cover sheet and three plans bears the titles: "City of Butler, Pa. Trickling Filters & Appurtenances Contract No. 1 P.W.A. Project Docket No. Pa. 2044-F", "City Of Butler, Pa. Sewage Disposal Plant General Arrangement----Oct. 1938.", "City Of Butler, Pa. Sewage Treatment Plant Trickling

Filters Plan---Oct. 6, 1938.", and "City of Butler, Pa. Sewage Treatment Plant Trickling Filter & Surge Tank Details---Oct. 1938". The folio of 18 sheets consisting of a cover sheet and 11 plans bears the titles: "City of Butler, Pa. Sewage Treatment Plant Improvements Contract No. S-3-4 & 5 P.W.A. Project Docket No. Pa. 3044-F", "City Of Butler, Pa. Digester, Control Chamber & Tunnel Plans, Sections & Elevations---Oct. 1938" Revised November 29, 1938, "City Of Butler, Pa. Digester, Control Chamber & Tunnel Plan & Sections---Oct. 1938" Revised November 29, 1938, "City Of Butler, Pa. Digester Control Chamber & Tunnel Sections----Oct. 1938" Revised November 30, 1938, "City Of Butler, Pa. Sewage Treatment Plant Influent & Effluent For Trickling Filters---Oct. 1938" Revised February 18, 1939, "City Of Butler, Pa. Sewage Treatment Plant General Arrangement---Jan. 1939", "City Of Butler, Pa. Sewage Treatment Plant Floating Cover For Digester----Nov. 1938", "City Of Butler, Pa. Sewage Treatment Plant Pump House Plan & Elevations----Dec. 1938", "City Of Butler, Pa. Sewage Treatment Plant Pump House Basement Plan And Sections----Dec. 1938", "City Of Butler, Pa. Sewage Treatment Plant Pump House Details---Nov. 1938", "City Of Butler, Pa. Sewage Treatment Plant Electrical, Heating & Gas Control Layouts---Jan. 1939", and "City Of Butler, Pa. Sewage Treatment Plant Secondary Settling Tank Plan & Sections---Nov. 1938". The folio of 4 plans bears the title: "City of Butler 10" San. Sewer Center Ave.", "City Of Butler Profile 8" Sanitary Sewer Walker Way Alley East of Morton

Ave.", "City of Butler Sullivan Run Syphon---7-21-38", and the fourth plan being untitled but showing the proposed sewer between Wayne Street and Virginia Avenue.

The first and second mentioned folios of plans were prepared by The Chester Engineers, Pittsburgh; the first folio having been received in the Meadville Office of the Pennsylvania Department of Health on October 24, 1938, and the second folio of plans having been received in the Harrisburg Office of the Pennsylvania Department of Health on March 2, 1939. The third folio of plans was not identified by the name of their maker but was received in the Meadville Office of the Pennsylvania Department of Health, the second and fourth plans having been received on December 14, 1938, the first plan on January 9, 1939, and the third plan having been received on July 23, 1938.

This permit is issued subject to the following Special Conditions:

A. The city's attention is called to the desirability of modifying the design of the upstream manhole on the inverted siphon to permit the use of adjustable baffle plates or longitudinal weirs in order that the overflow heights of these devices may be adjusted as experience indicates will be most satisfactory for the conditions to be met.

B. All direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective April 1, 1940 attached hereto:

1-2-3-4-5-6-7-8-10-11-13-14-15-17-18-19-20-21-22-23-24 and 25.

This permit is issued in response to Applications (No. 7429 7439-A) filed in the Meadville Office of the Pennsylvania Department of Health on the 14th 17th day of October December 38 A. D. 1938, and confirms the ad interim approvals issued by the Secretary of Health on the 8th day of August 1938 and the 14th day of February 1939 of the proposed sewers.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:_____

Secretary of Health
Chairman

Attest:_____

Civil Engineer
Secretary

Harrisburg, Pennsylvania.

413169

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PNT. #2429

NUMBER 10.001 SE. 02409-0693

PERMIT 9480

BUTLER SEWER REPLACEMENT FOR WILKINS AVENUE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP - PMT # 9480-5

NUMBER 10,001 SE 02409-0693

413190

HSE-6004

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
DIVISION OF SANITARY ENGINEERING

Harvey

III

APPLICATION TRANSMITTAL
(in triplicate)

Date November 5, 1959

Section Sewerage

Municipality Butler
County Butler

To: Section Office, Harrisburg

From: REGION III Forwarded by _____
Signature

Name of Applicant City of Butler

Subject of Application sewer extension

Signature on Application Louis E. Leutenbiser

Address of Applicant City Building, Butler, Pa.

Attached hereto one copy of:
Application X Dated October 13, 1959
Engineer's Report _____ Specifications _____
Total number Plan Sheets _____
Grant-in-Aid Application _____
Cost Estimate _____ Contract _____

Bank Check No. 70059 Date 10/14/59 Amount $25.00

(Payable to Commonwealth of Pennsylvania, Department of Health)

Drawn on Mellon National Bank & Trust Co.

Address Butler, Pa.

Remarks _____

Date received, Section Office _____

Date received, Permit Registrar _____

Application No. 2910-S

Date returned to REGIONAL Office _____

HSE-6005

413191

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
DIVISION OF SANITARY ENGINEERING

REGIONAL OFFICE REPORT TRANSMITTAL
(in triplicate)

Date November 10, 1959

Section Sewerage

Municipality Butler
County Butler

To: Section Office, Harrisburg

From: REGION III Forwarded by C M B. St
Signature

Application No. 2910-S

Name of Applicant City of Butler

Attached is Regional Office Report, in duplicate, dated 11-10-59

Application and other data pertaining to this project were transmitted to

Harrisburg for accessionment on 10-5-59

Date received, Section Office _____

Date received, Permit Registrar _____

Engineer's Study No. _____ Prepared by _____ Date _____

Permit No. 9490-S Date 12/11/59

Date copies of Permit, Engineer's Study and Regional Office

Report Transmittal were returned to Regional Office _____

1 - Plan

SEWERAGE
CITY OF BUTLER, BUTLER COUNTY
SEWER EXTENSION
APPLICATION NO.

November 10, 1959

APPLICANT: City of Butler
Butler County

APPLICATION: Dated: October 13, 1959
Signed by: Louis R. Loutzenhiser, Director
Parks & Public Property
Address: City Building
Butler, Pa.
Received in the Region III Office on November 5, 1959

APPLICANT'S REQUEST: "Installation of an 8" sanitary sewer, to replace a 4" private sewer of unknown construction, and is located at Wilkins Avenue; an adopted street in the City of Butler. Its construction will consist of 340' of 8" Pre-Cast (slip seal) pipe; two man-holes and eight lateral wyes. It will discharge into an existing man-hole of the City of Butler sanitary sewer system which is discharged into Connoquenessing Creek after being treated at the Butler Sewage Treatment Plant. The plans show the existing center line and the proposed grade of the aforesaid street and the proposed grade of the new sanitary sewer.

DESCRIPTION OF PROJECT: Construction of 340' of 8" sewer to replace an existing 4" sewer.

PLANS: One sheet bearing title "City of Butler, Wilkins Ave., Proposed Street Grade" dated October 1, 1959.

REPORT: None

SPECIFICATIONS: Set forth on application form.

DESIGN ENGINEER: The application and plan were prepared by L.H.Hoffman, City Engineer, City of Butler, Pa. and were received in the Region III Office of the Pennsylvania Department of Health on November 5, 1959.

RECEIVING STREAM AND DEGREE OF TREATMENT:

Connoquenessing Creek (complete) tributary to Beaver River (primary)

PREVIOUS ORDERS AND PERMITS:

Sewer Extension: 16 permits issued

Treatment Works:
6-18-24 - Approves Plans - Not constructed
4-18-26 - Approves Plans - In operation 1928
1-24-34 - Approves Additions
5-11-42 - Approves Additions and Modifications

GENERAL CONDITIONS:

Location: Central portion of Butler County at the intersection of U.S.Route 422 and Pa. Route 8.
Population:
1910 - 20,728 1930 - 23,568
1920 - 23,778 1940 - 24,477
1950 - 23,482

Water Supply: Butler Water Company
Treatment - Filtration and Chlorination
Consumption - Approximately 5 MGD in service area
Topography: Gentle sloping to creek

EXISTING SEWER SYSTEM:

The currently built-up areas of the city and portions of Butler Township are serviced by an approved sewer system discharging to the treatment works.

EXISTING TREATMENT WORKS:

Location: In the southwestern portion of the City along Pa. Route 8.
Type: High-rate trickling filter
Design: Population 27,000
Daily flow GPCPD 100
Design flow MGD 2.7
Units:
1 - Mechanically cleaned bar screen
1 - spiral flow grit chamber
1 - 6' by 75' by 7 SWD flocculator
2 - 50' Diameter by 6' SWD Primary clarifiers

2 - 158' Diameter by 8.6 stone depth trickling filters
1 - 50' Diameter by 10.67' SWD Secondary clarifier
1 - Recirculation pump station
2 - W & T Chlorinators 400 #/day
1 - Sludge decanting tank
1 - 50' diameter by 21.5 SWD digester
2 - Rectangular secondary digesters - capacity 60,000 cu. ft.
12 - Open sand beds - area - 12960 sq. ft.

PROPOSED SEWER SYSTEM:

The proposed sewer is to replace an existing private 4" sewer of unknown construction.

Type - separate - sanitary
Size - 8"
Length - 340'
Minimum grade - 7.35%
Maximum distance
Between manholes - 219'
Point of discharge - Existing manhole at the intersection of Wilkins Avenue and Walluln Avenue.

CONDITION AND USE OF RECEIVING STREAM:

From the analysis of the chemical results on file in this office, it is evident the Connoquenessing Creek is a complete treatment stream. The creek receives the sewage, industrial waste and mine drainage at numerous locations, but remains alkaline. The first major use of the creek below the Butler Sewage Treatment Works effluent is a water intake for the borough of Ellwood City approximately 20 stream miles below.

Drainage Area - Approximately 75 sq. miles above effluent.

STREAM ENCROACHMENTS:

None

DISCUSSION:

The proposed extension will not increase the sewage flow because the construction will replace an existing sewer.

The sewage flow to the existing treatment works is approaching the design capacity of the works. Chester Engineers have been retained to evaluate the existing conditions and propose needed additions and a program of expansion.

RECOMMENDATIONS: It is recommended that a permit be issued to the City of Butler, Butler County, approving the construction of the proposed sewer extension as set forth and described in the aforesaid plan, subject to the following conditions:

Standard Conditions - Sewerage (1942)

1, 2, 4, 5, 6, 11, 14, 15, 17 and 27.

RECORDING OF PERMIT:

Being for construction only, this permit need not be recorded in the County Recorder's Office.

Respectfully submitted,

Charles M. Best, Assistant
Regional Sanitary Engineer,
Facilities - Region III

APPROVED:

J. R. Harvey
Regional Sanitary Engineer

CMB/vc

413196

APPLICATION NO. _____

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD

RECEIVED
NOV 5 1959
REGION III

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

October 13, 1959
(Date)

From City of Butler
(Name of Municipality, Municipal Authority, Institution, Private Corporation or "Person")

Project is located in City of Butler in Butler County
(Name of Municipality or Township)

To the Sanitary Water Board,

Secretary of Health, Chairman,

Harrisburg, Pennsylvania

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF HEALTH" FOR TWENTY-FIVE DOLLARS MUST BE ATTACHED HERETO AS A FEE.

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987, amended by Act 177, approved May 8, 1945, P. L. 435, "the corporate authorities having by law charge of the sewer system" of Butler (Name of Municipality) of _____ (Name of Authority, Institution, Private Corporation or "Person") in Butler County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for installation of an 8" sanitary sewer, to replace a 4" private sewer of unknown construction, and is located at (Describe briefly the sewage project for which this application is made, telling in a few words what the accompanying plans and report show in detail. If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made herein. If the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, there should be filed report most recently submitted to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, for which the applicant seeks a permit, is not or will not become injurious or a menace to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial recreational or other purposes.)

Wilkins Avenue; an adopted street in the City of Butler. Its construction will consist of 340' of 8" Pre-Cast (slip seal) pipe; two man-holes and eight lateral wyes. It will discharge into an existing man-hole of the City of Butler sanitary sewer system which is discharged into Connoquenessing Creek after being treated at the Butler Sewage Treatment Plant. The plans show the existing center line and the proposed grade of the aforesaid street and the proposed grade of the new sanitary sewer.

413.197

and in report thereon prepared by [illegible] City Engr

all of which are made part of this application

Dir: Parks & Public Property

(SEAL)

Note The Application, all plans, report, and other supporting data must be submitted in DUPLICATE

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Butler } ss

[illegible] being duly [illegible] according to

law deposes and says that he is the "person" or a responsible officer of the "municipality, municipal

authority, institution, partnership, association or private corporation" known as [illegible]

[illegible] that (for municipalities, authorities,

school districts, etc.) the foregoing application is made in pursuance of a [illegible]

duly adopted by the [illegible] of the [illegible]

and approved by the [illegible] thereof on the [illegible]

day of [illegible] 19[illegible] and that the information

included in the foregoing application and the data shown on the plans and set forth in the report

accompanying the application and made a part hereof are true to the best of his knowledge and belief

[illegible] to and subscribed [illegible]

[illegible]

RELEVANT STATE LAWS

EXCERPTS—From Act 394, approved June 22, 1937, P.L. 1987, amended by Act 177, approved May 8, 1945, P.L. 435.

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article I, Section 1.

" 'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or part thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article II, Section 206.

Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

Article II, Section 207.

Approval of Plans, Designs, and Relevant Data by the Sanitary Water Board.

"All plans, designs, and relevant data for the construction of any new sewer system, or for the extension of any existing sewer system by a municipality, or for the erection, construction, and location of any treatment works or intercepting sewers by a person or municipality, shall be submitted to the board for its approval before the same are constructed or erected or acquired.****"

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P.L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

SECOND CLASS TOWNSHIPS: See Art. 15 of Act approved May 1, 1933, P.L. 103 and Act 503, approved July 1, 1937.

CITIES OF FIRST CLASS: SEWER DISTRICTS: See Act 261, approved May 28, 1937, P.L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P.L.463, amended by Act approved May 20, 1937, P. L. 739; Act 164 approved May 2, 1945, P. L. 382.

SEWERS CONSTRUCTED JOINTLY—For Laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P.L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Section 2440-2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Section 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act Approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P.L. 630.

NON-DEBT SEWER REVENUE BONDS: (See First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Township) Act 146 approved May 7, 1937, P. L. 571

HSE-4181

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

5410-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;****", hereby issues this permit to the City of Butler, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of an 8" sewer to replace an existing 4" sewer on Pilkins Avenue

as shown on a plan identified as follows:

the plan entitled "City of Butler, Pilkins Ave., Proposed Street Grade and Extend" October 1, 1959.

The plan was prepared by and bears the seal of [illegible], Pennsylvania registered professional engineer, and was received in the Harrisburg office of the Pennsylvania Department of Health on November 5, 1959.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 and 27.

This permit is issued in response to an application (No. 2910-S) filed in the Region III Office of the Pennsylvania Department of Health on the 5th day of November A. D. 1959 in accordance with the authorization given by the Sanitary Water Board at its meeting on December 16-17, 1959.

SANITARY WATER BOARD

By: [illegible]
Secretary of Health
Chairman

Attest: [illegible]
Secretary

Harrisburg, Pennsylvania

413501

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE BUTLER AREA STP PMT # 9480-S

FOLDER NUMBER 10.001 SE. 02409-0693

R-BWQ 271 (2-80)

00982005

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ADDITION TO FILE

FILE TITLE

10.001 SE 02409 BUTLER AREA STP P 0693 9480

Bureau of Water Quality Management

WSE-6301—

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

00982006

Application Dated	October 13, 1959	No. 2910-S	Name City of Butler
Date Permit Issued	Dec. 18, 1959	Vol. No. 9480-S	Place
Date Recorded		Vol. Page	County Butler County
Regional Office Report by	Mr. Best		
Engineer's Study by		No.	File No.

Conditions and Stipulations	Disposition

RESOLUTION OF THE SANITARY WATER BOARD 00982007

RELATIVE TO FEES -- (Revision February 16, 1949)

"THEREFORE BE IT RESOLVED That this Board hereby amends the aforesaid resolutions to read as follows

"WHEREAS, Section 802 of Act No. 394 approved June 22, 1937 P.L. 1701 authorizes the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued' now

"THEREFORE BE IT RESOLVED That effective April 1, 1949 the Board pursuant to the aforesaid authority hereby fixes a fee of $25.00 for receiving and filing, examining passing upon, and issuing to the applicant notice of the Board's action thereon, a check for which $25.00 made payable to the Pennsylvania Department of Health shall accompany each application for a permit under said Act, provided however that no fee shall be returned from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

SANITARY ENGINEERING

OFFICE RECORD

APPLICATION NO. 2910-S

Received Region ___ Office ___ 19___

Received Central Office 11/6/59 ___ 19___

PLANS Number of 1 Received in Central Office 11/12/59

Serial No. 28451 - File No. 547

PERMIT: No. ___ Authorized by Sanitary Water Board ___ 19___

Sent to ___ on ___ 19___

REMARKS: ___

(Page 1)

RELEVANT STATE LAWS

EXCERPTS—From Act 394, approved June 22, 1937, P.L. 1987, amended by Act 177, approved May 8, 1945, P.L. 435.

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Article I, Section 1.

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Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

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Approval of Plans, Designs, and Relevant Data by the Sanitary Water Board.

"All plans, designs, and relevant data for the construction of any new sewer system, or for the extension of any existing sewer system by a municipality, or for the erection, construction, and location of any treatment works or intercepting sewers by a person or municipality, shall be submitted to the board for its approval before the same are constructed or erected or acquired.****"

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P.L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

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CITIES OF FIRST CLASS; SEWER DISTRICTS: See Act 261, approved May 28, 1937, P.L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P.L.463, amended by Act approved May 20, 1937, P. L. 739; Act 164 approved May 2, 1945, P. L. 382.

SEWERS CONSTRUCTED JOINTLY—For Laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3261, as amended April 4, 1935, P.L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Section 2460-2481, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Section 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act Approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P.L. 630.

NON-DEBT SEWER REVENUE BONDS: (See First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Township) Act 146 approved May 7, 1937, P. L. 571.

00982009

December 1[illegible], 1959

Certified Mail

Sewerage
Butler
Butler County

City of Butler
City Building,
Butler, Pennsylvania

Attn: Louis R. Loitzenhiser

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9480-S dated December 16, 1959 to the City of Butler which we transmit herewith.

We believe the permit will be self-explanatory, but should questions concerning it arise, these can be taken up direct with the Regional Sanitary Engineer, James R. Harvey, 926 S. Main Street, Meadville, Pennsylvania, either by personal conference or by correspondence, or if preferred, with this office.

Very truly yours,

WWKirn

Walter W. Kohler
Secretary
Sanitary Water Board

cc: Mr. Lehmann
Mr. Harvey
Permit Registrar
Mail Clerk

RECOMMENDATIONS: It is recommended that a permit be issued to the City of Butler, Butler County, approving the construction of the proposed sewer extension as set forth and described in the aforesaid plan, subject to the following conditions:

Standard Conditions - Sewerage (1942)

1, 2, 4, 5, 6, 11, 14, 15, 17 and 27.

RECORDING OF PERMIT:

Being for construction only, this permit need not be recorded in the County Recorder's Office.

Respectfully submitted,

Charles N. Best, Assistant
Regional Sanitary Engineer,
Facilities - Region III

APPROVED:

J. R. Harvey
Regional Sanitary Engineer

CNB/vg

00982011

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
HARRISBURG

ENGINEER'S STUDY NO.
9480-S

Application No. 2910-S
Butler, Butler County
Replacement of existing sewer

The application and Regional Engineer's report on the subject case have been reviewed and found satisfactory, and the approval of the application is recommended.

December 2, 1959

R. M. Boardman
Sanitary Engineer

The foregoing recommendation is approved and Permit No. 9480-S transmitted herewith has been authorized by the Sanitary Water Board for issuance to the applicant.

December 18, 1959

Arthur F. Lehmann
Chief, Sewerage Section

MSE-6312

00982012

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 and 27.

This permit is issued in response to an application (No. 2910-S) filed in the Region III Office of the Pennsylvania Department of Health on the 5th day of November A. D. 1959 in accordance with the authorization given by the Sanitary Water Board at its meeting on December 16-17, 1959.

SANITARY WATER BOARD

By: _____

C. L. Hilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: _____

Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

DEC 18 1959

PERMIT 1001414

SUGAR CREEK PUMP STATION AND FORCE MAIN

Pennsylvania Department of Environmental Protection

230 Chestnut Street
Meadville, PA 16335-3481
MAY 1 3 2002

Northwest Regional Office

814-332-6942
Fax: 814-332-6121

Mr. William J. Blumenshein, Developer
WJ Blumenshein & Sons
9640 Babcock Boulevard
Allison Park, PA 15101

Re: Sewage
WJ Blumenshein & Sons
WQM Part II Permit No. 1001414
APS ID No. 359551
Planning Code No. 6-96-081
Butler Township, Butler County

Dear Mr. Blumenshein:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance to the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that this permit contains special condition #21 that requires the permittee to conform to appropriate local laws, ordinances, and regulations. Also, note that the facilities approved by the enclosed permit will drain to the Butler Area Sewer Authority system and the enclosed permit should be transferred to this authority upon construction and prior to operation.

Please take the time to complete the enclosed questionnaire and return it in the enclosed postage-paid return envelope.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call William Mentzer at the above number.

Sincerely,

Ricardo F. Gilson
Regional Manager
Water Management

Enclosures

cc: William P. Deemer, P.E.
Wastewater Management
Monitoring & Compliance Section
William Mentzer thru Permits Chief
File

RFG:WHM:jb

3600-PM-WQ0015 Rev. 8/94

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER MANAGEMENT PROGRAM

PERMIT NO. 1001414

AMENDMENT NO. _____

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name & Address):

W J Blumenshein & Sons
Dutchtown Road and Township Line Road
Butler, PA 16001

B. PROJECT (Name, County, Municipality)

Sugar Creek Pump Station and Force Main
Butler Township, Butler County

C. THIS: X **Permit** _____ **Permit Amendment**

APPROVES:

X **The construction/operation of:**
_____ Sewage Treatment Facilities
_____ Land Application Facilities
Average Design Flow of 0.1152 MGD consisting of: 80 gpm duplex grinder pump station with 1,650 feet of 4 inch diameter force main.
_____ Sewers and Appurtenances
_____ Impoundment(s)
X Soil Erosion & Sedimentation Control Plan
_____ Stream Crossing(s)

_____ **Modification(s) to the construction/operation of:**
_____ Industrial Waste Treatment Facilities
_____ Other:
X Pump Station(s)
_____ Injection Well(s)
_____ Outfall & Headwall(s)

D. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. a. All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit/Permit Amendment Application dated 11/28/01, its supporting documentation, and addendums dated 2/28/02. Such application, its supporting documentation and addendums are hereby made a part of this permit.
   b. Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are (except for any modifications to the original permit herein permitted) also made a part of this permit amendment.
2. Conditions numbered 1,2,3,4,5,6,7,9,12,13,14,16,20,21 and 22 of the Sewerage standard conditions dated 1996 and conditions numbered All of the erosion control standard conditions dated 1991 are attached and made part of this permit.
3. Special conditions numbered 1 are attached and made part of this permit.

E. THIS AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the rules and regulations of the Department or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Stream law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 et seq., and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, as amended, 32 P.S. §693.1 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.
4. Industrial Facilities - If the herein permitted facilities or modifications are not completed with two (2) years of the issue date below, this permit will become null and void and reapplication shall be required.

PERMIT ISSUED:
DATE MAY 13 2002

AMENDMENT ISSUED:
DATE _____

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Ricardo F. Gilson
BY: Ricardo F. Gilson
TITLE: Regional Manager-Water Management
Northwest Regional Office

W J BLUMENSHEIN & SONS
BUTLER TOWNSHIP, BUTLER COUNTY
WQM PART II PERMIT NO. 1001414

SPECIAL CONDITION

1. Consistent with Department of Environmental Protection Policy, the Department did not conduct a detailed technical review of the application for this permit. The Department considers William P. Deemer, PE No. PE-014034-E, the registered professional engineer whose seal is affixed to the design documents, to be fully responsible for the adequacy of all aspects of the facility design.

PERMIT 1003417

AFTON LANE SEWER EXTENSION

Pennsylvania Department of Environmental Protection

230 Chestnut Street
Meadville, PA 16335-3481

FEB 24 2004

Northwest Regional Office

814-332-6942
Fax: 814-332-6121

Mr. John Schon, Manager
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

Re: Sewerage
Afton Lane Sewer Extension
WQM Permit No. 1003417
APS ID No. 503413
Butler Township, Butler County

Dear Mr. Schon:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and application-supporting documents before starting construction.

Be advised that the Certified Operator requirements have recently changed and that this project may be affected. We recommend you review these changes to ensure that the future operation and maintenance of this project is compliant.

Please take the time to complete the enclosed questionnaire and return it in the enclosed postage-paid return envelope.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call Robert Hutchinson at (814) 332-6679.

Sincerely,

Ricardo F. Gilson
Regional Manager
Water Management

Enclosures

cc: Patrick I. McCarren, Associate
Ronald Olsen, P.E.
Wastewater Management
Monitoring & Compliance Section
Robert Hutchinson thru Permits Chief
File

RFG:DJL:jb

3800-PM-WSWM0015 Rev. 4/2003
Permit

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT NO. 1003417
AMENDMENT NO. _____
APS ID. 503413
AUTH. ID. 528587

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: 78363
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

B. PROJECT/FACILITY (Name):
Afton Lane Sewer Extension

C. LOCATION (Municipality, County): SITE ID#: 262833
Butler Township, Butler County

D. **This permit approves the construction/operation of sewerage facilities consisting of:**

An 11-lot development, each served by a 2-hp grinder pump, connected to approximately 1,720 feet of pressure sewers.

Pump Stations: N/A

Design Capacity: ---- GPM

Sewage Treatment Facility:

Annual Average Flow: ---- MGD

Design Hydraulic Capacity: ---- MGD

Design Organic Capacity: ---- lb. BOD_5/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated 10/22/03, its supporting documentation, and addendums dated 12/9/03, which are hereby made a part of this permit.

2. Permit conditions relating to **Sewerage/Erosion and Sediment Control** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.

2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.

3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.*, and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, as amended, 32 P.S. §693.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: FEB 24 2004

BY: Ricardo F. Gilson
Ricardo F. Gilson

TITLE: Regional Manager -- Water Management
Northwest Regional Office

PERMIT 1007401

PUMP STATION AND FORCE MAIN FOR PULLMAN CENTER BUSINESS PARK

Pennsylvania Department of Environmental Protection

230 Chestnut Street
Meadville, PA 16335-3481

APR 0 6 2007

Northwest Regional Office

814-332-6942
Fax: 814-332-6121

John Schon, P.E.
Manager
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16003

Re: Sewage - Butler Area STP
Pullman Center Business Park
WQM Part II Permit No. 1007401
APS ID No. 622975
City of Butler, Butler County

Dear Mr. Schon:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance to the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities (see Special Conditions). You or your authorized representative must also sign the form.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

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IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call William H. Mentzer, P.E. of the Permits Section at 814-332-6942.

Sincerely,

Ricardo F. Gilson
Regional Manager
Water Management

Enclosures

cc: Kevin S. Wilmot, P.E.
John Evans
Cindy Davis
Diane Mintus-Sheets
Tom J. Harrison
Wastewater Management
Monitoring & Compliance Section
William H. Mentzer, P.E. through Permits Chief
File

RFG:lsl

3800-PM-WSWM0015 Rev. 6/2004

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT NO. 1007401
AMENDMENT NO. _____
APS ID. 622975
AUTH. ID. 692248

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: 78363
Butler Area Sewer Authority
100 Litman Road
Butler, Pa 16003

B. PROJECT/FACILITY (Name):
Pullman Center Business Park

C. LOCATION (Municipality, County): SITE ID#: 262833
City of Butler, Butler County

D. This permit approves the construction and operation of sewerage facilities consisting of:

a duplex pump station with a trash basket, odor control, flow meter, and 1800 feet of 2½-inch diameter force main.

Pump Stations: Pullman Center Sewage Pumping Station
Description: Submersible Grinder
Design capacity 65 gpm

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated 7/25/07, its supporting documentation and addendums dated NA, which are hereby made a part of this permit.
2. Permit Conditions Relating to Sewerage are attached and made part of this permit.
3. Special Conditions numbered NA are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: APR 06 2009 BY: Ricardo F. Gilson

Ricardo F. Gilson
Regional Manager – Water Management
Northwest Regional Office

PERMIT AMENDED: _____ TITLE: _____

3800-PM-WSWM0015a Rev. 3/2004
Conditions Sewerage

Permit No. 1007401

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Place a √ in the box that applies)

General

☒ 1. Consistent with the Department of Environmental Protection's (DEP) technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities* (DEP ID: 362-2000-007) available on DEP's website at www.dep.state.pa.us. DEP considers the registered Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☒ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☒ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☒ 6. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 7. This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of these approved facilities and notify DEP accordingly. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 8. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 9. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☒ 10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0026697** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☒ 11. Prior to construction of the permitted facility, pursuant to Chapter 102, an Erosion and Sedimentation (E&S) Control Plan must be developed and implemented prior to, during and after the earth disturbance activity.

If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.

In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting

requirements, please contact your local County Conservation District office.

☒ 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

☒ 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification." It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The facilities may not be placed into operation until the Professional Engineer completes the certification. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☐ 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☒ 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" and O&M manuals shall be filed with DEP.

☒ 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 20. The sewerage facilities shall be properly maintained so that the facility will perform as designed.

☒ 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☐ 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§ 1001, *et seq.* shall operate the sewage treatment plant.

☒ 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Chapter 94 Municipal Wasteload Management Annual Report.

☒ 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

PERMIT 1009404A-1

PUMP STATION AND FORCE MAIN FOR PULLMAN CENTER BUSINESS PARK

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

MAY 18 2010

Mr. John Schon, Manager
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

Re: Sewerage
High Flow Management Storage and Conveyance System
WQM Permit No. 1009404 – Amendment No. 1
APS ID No. 710981
City of Butler, Butler County

Dear Mr. Schon:

Your amendment is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and application-supporting documents before starting construction.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. §7514, and the Administrative Agency Law, 2 Pa.C.S.A. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD 717.787.3483 FOR MORE INFORMATION.

814.332.6942 | Fax 814.332.6121
230 Chestnut Street | Meadville, PA 16335
Printed on Recycled Paper
www.depweb.state.pa.us

3800-PM-WSFR0015 Rev. 6/2004
Permit

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT NO. 1009404
AMENDMENT NO. 1
APS ID. 710981
AUTH. ID. 826997

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: 76363
Butler Area Sewer Authority
100 Littman Road
Butler, PA 16001

B. PROJECT/FACILITY (Name):
Construction of Diversion, Pumping and Storage Facilities to Capture Sanitary Sewer Overflows

C. LOCATION (Municipality, County): SITE ID#: 262833
City of Butler, Butler County

D. This permit approves the construction/operation of sewerage facilities consisting of:

Monroe Pump Station & Equalization Tanks – 4,300 GPM design capacity, 2 MG of storage capacity, 692 LF of 18-inch force main & 627 LF of 18-inch & 24-inch gravity sewers.

Central Storage Equalization Tanks – 14.1 MG of storage capacity

Ballpark Pump Station – 10,200 GPM design capacity, 2,140 LF of 30-inch force main

Connoquenessing Pump Station – 13,200 GPM design capacity, 2,387 LF of 30-inch force main

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **Amendments:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated 10/5/09 and its supporting documentation and addendums dated 1/7/10 & 2/18/10, which are hereby made a part of this amendment.

   Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. 1009404 dated 1/19/10 shall remain in effect.

2. Permit Conditions Relating to Sewerage are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: January 19, 2010

BY: John A. Holden, P.E.

TITLE: Regional Manager – Water Management

PERMIT AMENDED: May 18, 2010

Northwest Regional Office

☒ 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

☐ 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☒ 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☒ 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 20. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☒ 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.

☒ 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☐ 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

This form replaces ER-BWQ-43

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER MANAGEMENT

APS ID. 710981
Auth. ID: 826997
Client ID: 78363
Site ID: 262833
For Department Use Only

INTERNAL REVIEW AND RECOMMENDATION

NAME OF APPLICANT	Butler Area Sewer Authority	PROJECT LOCATION	City of Butler, Butler County	APPLICATION NUMBER	1009404 - Amendment No. 1

This permit amendment approves the construction/operation of sewerage wastewater facilities.

The name and mailing address are:

Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

The name and site address are:

Butler Area STP
100 Litman Road
Butler, PA 16001

The responsible official is: M. John Schon, P.E., Manager

Telephone No.: 724-282-1978

Pump Stations:
Description ---
Design capacity ---- gpm

STP:
Annual Average Flow ---- mgd
Design hydraulic capacity ---- mgd
Design organic capacity ---- lb/BOD_5/day

RECOMMENDATION AND ACTION

Approve-Issue by Region	Refuse	Signature	Date
X		REVIEWING ENGINEER Robert P. Hutchinson	5/13/10
X		PERMITS SECTION CHIEF David S Boley	5/17/10
X		REGIONAL PROGRAM MANAGER John A Hall	5/18/10

PERMIT CONDITIONS:

1. STANDARD – 6/2004 Sewerage: 1, 2, 4, 5, 6, 8, 9, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

3. SPECIAL (Use additional sheets if necessary) – N/A

All EQ tanks will have high pressure, potable water sprayers for washdown after each flow event. This system will be operated remotely and will not require access into the tank, except for routine maintenance. The washdown pumps will be manually started with the resulting water pressure being used to drive the spray nozzles. The wash system is intended to reduce potential odors created in these tanks.

All the EQ tanks will also have an emergency overflow to protect the storage facilities. An open channel flow meter, tied into the SCADA system, will record the date, time, duration and volume of any overflow. These overflow points (SSO's) will not be permitted by the Department.

Ballpark Pump Station (Colosimo property) – New

- (3) 5,100 gpm @ 93 ft. TDH, VFD, auto control, submersible centrifugal pumps (one pump on standby)
- 22,618 gallons of wet well capacity
- Mechanically cleaned bar screen with screenings compactor
- 2,140 LF of 30-inch force main to the Central Storage site
- 132 LF of an existing RCP gravity sewer will be enlarged to a 48-inch diameter pipe.
- 500 KW diesel generator for emergency power
- SCADA system controlled
- Previous wet weather overflows from the Ballpark and General Tire areas will be captured by the new Ballpark overflow diversion structure and pumped to the Central Storage site.

Connoquenessing Pump Station - New

- (3) 6,600 gpm @ 98 ft. TDH, VFD, auto control, submersible centrifugal pumps (one pump on standby)
- 24,364 gallons of wet well capacity
- Mechanically cleaned bar screen with screenings compactor
- 2,387 LF of 30-inch force main to the Central Storage site
- 500 KW diesel generator for emergency power
- SCADA system controlled

The 30-inch force mains from the Ballpark and Connoquenessing pump stations will be combined into a 36-inch force main at the Central Storage site.

All locations will be equipped with a potassium permanganate feed system for odor control except for Central Storage. Also, the tanks will have concrete, domed roofs which should aide in odor control.

The application indicates an emergency overflow is proposed for the Deshon, Monroe and Ballpark flow diversion pump stations. These overflows are designed to protect the pump station facilities as well as be a preventative measure from sewage backups. Activation of any of these overflows will have to be done manually by the authority's personnel. If this occurs, the SCADA system will measure the same pertinent information as described for the storage system overflow events. Again, the Department cannot condone/permit these discharge points.

PERMIT 1011403

SULLIVAN RUN INTERCEPTOR IMPROVEMENTS

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Northwest Regional Office

December 15, 2011

Thomas Rockovich
Executive Director
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001-3256

Re: Sullivan Run Interceptor Improvement Project
Butler Area STP
WQM Permit No. 1011403
APS ID No. 764285
Butler Township, Butler County

Dear Mr. Rockovich:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance to the permit application and all supporting documentation.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

If you want to challenge this action, your appeal must reach the Board within 30 days. You do not need a lawyer to file an appeal with the Board.

230 Chestnut Street | Meadville, PA 16335-3481
814.332.6942 | Fax 814.332.6121
Printed on Recycled Paper
www.depweb.state.pa.us

Important legal rights are at stake, however, so you should show this document to a lawyer at once. If you cannot afford a lawyer, you may qualify for free pro bono representation. Call the Secretary to the Board (717.787.3483) for more information.

If you have any questions, please call Robert Hutchinson of the Permits Section at 814.332.6679.

Sincerely,

John A. Holden, P.E.
Regional Manager
Water Management Program

Enclosures

cc: James Bowser, P.E., Chester Engineers, Inc.
Donna Donaldson, Butler Township Secretary
Monitoring & Compliance
BWSFR Data Systems and Analysis
File - Permits

JAH:RPH

3800-PM-WSFR0015 1/2011
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

WATER QUALITY MANAGEMENT PERMIT

PERMIT NO. 1011403
AMENDMENT NO. ____
APS ID. 764285
AUTH. ID. 901375

A. PERMITTEE (Name and Address): CLIENT ID# 78363 Butler Area Sewer Authority 100 Litman Road Butler, PA 16001-3256	B. PROJECT/FACILITY (Name): Butler Area STP – Sullivan Run Interceptor improvements
C. LOCATION (Municipality, County) SITE ID#: 262833 Butler Township & the City of Butler, Butler County	

D. This permit approves the modification/operation of sewerage facilities consisting of:

Approximately 7,000 linear feet of sanitary sewer line will be upsized to either 36-inch or 24-inch pipe via open cut replacement and 1,200 linear feet of sanitary sewer line will be upsized from 15-inch to 18–inch pipe via pipe bursting. Manholes and service connections will also be replaced. The interceptor will be connected into the Ballpark Pump Station.

Pump Stations: N/A		Sewage Treatment Facility:	
Design Capacity: --- GPM		Annual Average Flow:	--- MGD
		Design Hydraulic Capacity:	--- MGD
		Design Organic Capacity:	--- lb/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated 10/21/11, its supporting documentation and addendums dated 12/9/11, which are hereby made a part of this permit.
2. Permit Conditions Relating to **Sewerage** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: DEC 15 2011

BY: John A. Holden

TITLE: John A. Holden, P.E.
Water Management Program Manager
Northwest Regional Office

Appendix A-20-b

Permit No. 1011403

pennsylvania

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Place an 'x' in the boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the registered Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☒ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☐ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☐ 6. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 7. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 8. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 9. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☐ 10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0026697** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☐ 11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.

If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.

In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

☒ 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

☐ 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☐ 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☒ 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 20. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☐ 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, et seq. shall operate the sewage treatment plant.

☒ 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☐ 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

PERMIT 1011403

SULLIVAN RUN INTERCEPTOR IMPROVEMENTS

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Northwest Regional Office

December 15, 2011

Thomas Rockovich
Executive Director
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001-3256

Re: Sullivan Run Interceptor Improvement Project
Butler Area STP
WQM Permit No. 1011403
APS ID No. 764285
Butler Township, Butler County

Dear Mr. Rockovich:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance to the permit application and all supporting documentation.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

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If you have any questions, please call Robert Hutchinson of the Permits Section at 814.332.6679.

Sincerely,

John A. Holden, P.E.
Regional Manager
Water Management Program

Enclosures

cc: James Bowser, P.E., Chester Engineers, Inc.
Donna Donaldson, Butler Township Secretary
Monitoring & Compliance
BWSFR Data Systems and Analysis
File - Permits

JAH:RPH

3800-PM-WSFR0015 1/2011
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT NO. 1011403
AMENDMENT NO. ____
APS ID. 764285
AUTH. ID. 901375

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID# 78363 Butler Area Sewer Authority 100 Litman Road Butler, PA 16001-3256	B. PROJECT/FACILITY (Name): Butler Area STP – Sullivan Run Interceptor improvements
C. LOCATION (Municipality, County) SITE ID#: 262833 Butler Township & the City of Butler, Butler County	

D. This permit approves the modification/operation of sewerage facilities consisting of:

Approximately 7,000 linear feet of sanitary sewer line will be upsized to either 36-inch or 24-inch pipe via open cut replacement and 1,200 linear feet of sanitary sewer line will be upsized from 15-inch to 18–inch pipe via pipe bursting. Manholes and service connections will also be replaced. The interceptor will be connected into the Ballpark Pump Station.

Pump Stations: N/A		Sewage Treatment Facility:	
Design Capacity: --- GPM		Annual Average Flow:	--- MGD
		Design Hydraulic Capacity:	--- MGD
		Design Organic Capacity:	--- lb/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated 10/21/11, its supporting documentation and addendums dated 12/9/11, which are hereby made a part of this permit.
2. Permit Conditions Relating to **Sewerage** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: DEC 15 2011

BY: John A. Holden

TITLE: John A. Holden, P.E.
Water Management Program Manager
Northwest Regional Office

Appendix A-20-b

Permit No. 1011403

pennsylvania

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Place an 'x' in the boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the registered Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☒ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☐ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☐ 6. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 7. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 8. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 9. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☐ 10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0026697** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☐ 11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.

If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.

In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

☒ 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

☐ 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☐ 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☒ 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 20. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☐ 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, et seq. shall operate the sewage treatment plant.

☒ 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☐ 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

PERMIT 1013404

JEFFERSON STREET SYPHON AND SEWER LINE REPLACEMENT

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

July 12, 2013

M. John Schon
Operating Director
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001-3256

Re: WQM Permit - Sewage
Jefferson Street Siphon & Sewer Replacement Project Butler Area STP
Permit No. 1013404
Authorization ID No. 980682
Butler Township, Butler County

Dear Mr. Schon:

Your Water Quality Management (WQM) permit is enclosed. You must comply with all Standard Conditions attached to this permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

During construction or upon completing construction, please contact Robert P. Hutchinson at 814.332.6679 or rohutchins@pa.gov so that an inspection of the facilities may be conducted, at DEP's discretion.

Sincerely,

John A. Holden, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: James Bowser, P.E., Chester Engineers Inc.
Robert Hickox, Chester Engineers, Inc.

3800-PM-WSFR0015 1/2011
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

WATER QUALITY MANAGEMENT PERMIT

PERMIT NO. 1013404
AMENDMENT NO. _____
APS ID. 814996
AUTH. ID. 980682

A. PERMITTEE (Name and Address): CLIENT ID#: 78363 **Butler Area Sewer Authority** **100 Litman Road** **Butler, PA 16001-3256**	B. PROJECT/FACILITY (Name): **Jefferson Street Siphon & Sewer Line Replacement Project**
C. LOCATION (Municipality, County): **Jefferson Street** **Butler, PA 16001** **Butler Township, Butler County**	SITE ID#: 262833

D. This permit approves the construction/operation of sewage facilities consisting of:

Installation of approx. 1,100 LF of sanitary sewer line along Jefferson Street leading to a new siphon structure crossing Sullivan Run. This construction will be located parallel to the exiting collection system and siphon. The existing system will be abandoned once the project is completed.

The sewer line portion of the project will consist of approx. 220 LF of 8-inch, 240 LF of 15-inch & 650 LF of 30-inch PVC pipe. The 8-inch and 15-inch sections are in-kind replacements of existing vitrified clay pipe. The 30-inch section is an upsizing of the existing 24-inch line.

The new siphon will consist of three lines, two 18-inch and one 10-inch. Two, new siphon manholes will connect the upstream, 30-inch line to the existing 48-inch RCP pipe on the other side of the creek. The crossing will be 52-feet in length and the three lines will be concrete encased. The wastewater will eventually be transmitted to the Ball Park Pump Station.

Pump Station: **Jefferson Street Siphon**		Sewage Treatment Facility:
Design Capacity: **0.5 MGD (ADF) & 13 MGD (PF)**		Annual Average Flow: = MGD
		Design Hydraulic Capacity: = MGD
		Design Organic Capacity: = lb/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated **5/22/13**, its supporting documentation and addendums dated **7/8/13**, which are hereby made a part of this permit.
2. Permit Conditions Relating to **Sewerage** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: JUL 12 2013

BY: John A. Holden

TITLE: **John A. Holden, P.E.**
Clean Water Program Manager
Northwest Regional Office

Permit No. 1013404

Appendix A-20-b

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Place an X in the boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the registered Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☒ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☐ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☐ 6. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 7. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 8. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 9. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☐ 10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0026697** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☒ 11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.

If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.

In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

☒ 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

☐ 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☐ 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☒ 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 20. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☐ 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, et seq. shall operate the sewage treatment plant.

☒ 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☐ 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

PERMIT 1068402

SEWER EXTENSION FOR WESTWOOD MANOR #3

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

HSE-6304 REV. 2/62

SUPPLEMENT 2

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 1068402

2. PERMITTEE The Butler Area Sewer Authority

3. MAILING ADDRESS 125 Pittsburgh Road
Butler, Pennsylvania 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
[X] SEWERS AND APPURTENANCES [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
[ ] CONTINUOUS [ ] EMERGENCY [ ] INTERMITTENT [X] NONE

6. DEGREE OF TREATMENT
[X] COMPLETE [ ] PRIMARY [ ] INTERMEDIATE [ ] NONE

7. TO SERVE Westwood Manor Plan No. 3

8. IN (MUNICIPALITY) Butler Township

9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

SEWERAGE PERMIT NO. 1068402

This permit is subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18, 25 and 27.

44. APPLICATION APPROVED

[ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Howard G. Luley

Howard G. Luley

46. TITLE Regional Sanitary Engineer

47. DATE FEB 28 1969

BOOK 906 PAGE 845

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

FEB 28 1969

Mr. David A. Kirk, Manager
The Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Application No. 1068402
The Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on April 19, 1969. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Howard G. Luley
Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

Westwood Manor #3
Dev Data Sheet

WASA MAR 3 1969

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1069407

SEWER EXTENSION FOR TOWER HILL PLAN

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

HSE-6304 REV. 2/62

SUPPLEMENT 2

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH-SANITARY WATER BOARD

Appendix A-20-b

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 1069407

2. PERMITTEE Butler Area Sewer Authority

3. MAILING ADDRESS 125 Pittsburgh Road
Butler, Pennsylvania 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE Tower Hill Plan of Lots

8. IN (MUNICIPALITY) Butler Township

9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

Standard Conditions Sewerage 1942: 1,2,3,4,5,6,7,8,10,11,13,14,15,17,18, 25, and 27

44. APPLICATION APPROVED

- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Howard G. Luley

Howard G. Luley, P. E.

46. TITLE Regional Sanitary Engineer

47. DATE NOV 14 1969

BOOK 963 PAGE 847

McQuaston Rd

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

NOV 14 1969

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Application No. 1069407
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on December 17, 1969. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Thomas Vayansky
for Howard G. Luley, P. E.
Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

cc: Central Office
File

EPA NOV 17 1969

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsisteht with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1069411

SEWER EXTENSION FOR THIRD DEGREE ROAD

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

HSE-6120

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

SANITARY WATER BOARD PERMIT

NO. 1069411

A. PERMITTEE: (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: Butler Township
County: Butler

C. TYPE OF FACILITY
Sewer Extension

D. NAME OF MINE OR AREA SERVED
Three Degree Road

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] [redacted]; Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: No discharge
   a. [ ] Treated
   [ ] Untreated
   b. [ ] Industrial Wastes
   [ ] Sewage

   TO: N/A (Receiving Waters)

3. The Operation Of: N/A
   a. [ ] A Coal Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1069411 DATED 12-16-69, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1,2,3,4,5,6,7,9,10,11,13,14,15,17,18, 25 and 27 OF THE Sewerage STANDARD CONDITIONS DATED 11-42, WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED None WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE SANITARY WATER BOARD OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1987, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED
DATE JAN 15 1970

DEPARTMENT OF HEALTH
BY Howard G. Luley
Howard G. Luley, P. E.
Regional Sanitary Engineer

BOOK 966 PAGE 849 FILE

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Contract #18
Community College

Certified Mail

JAN 15 1970

Mr. David A. Kirk, Manager
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Application No. 1069411
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on February 18, 1970. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Thomas Vayanusky
for Howard G. Luley, P. E.
Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

cc: Central Office
File

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1070204

SPRANG INDUSTRIES, INC. INDUSTRIAL WASTE TREATMENT FACILITIES

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

P. 1070204

FOLDER TITLE MAGNETICS E. Butler Plant

NUMBER 109.23 TW. 52116 — 13071

H711.120.1

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

1160156 DNR

NO. 1070204

SANITARY WATER BOARD PERMIT

A. PERMITTEE: (Name and Address)
Spang Industries, Inc.
Magnetics Division
PO Box 751
Butler, Pa 16001

B. PROJECT LOCATION
Municipality East Butler
County Butler

C. TYPE OF FACILITY
Electronic components plant

D. NAME OF MINE OR AREA SERVED
Acid and metal oxide rinses and cooling water

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. ☐ Pump Stations; Sewers and Appurtenances
   b. ☐ Sewage Treatment Facilities
   c. ☑ Industrial Wastes Treatment Facilities

2. The Discharge Of:
   a. ☑ Treated
   ☑ Untreated
   b. ☑ Industrial Wastes
   ☐ Sewage

   TO: Bonnie Brook
   (Receiving Waters)

3. The Operation Of:
   a. ☐ A Coal Mine
   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)
   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1070204 DATED Aug 13, 1970, AND AMENDMENTS DATED Nov 14, 1970.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED See R.F. report dated 11-16 OF THE Two Wave STANDARD CONDITIONS DATED 1-1-71, WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED See R.F. report WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE SANITARY WATER BOARD OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1987, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DEPARTMENT OF HEALTH

DATE _____

BY _____

TITLE _____

H711.120.1

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

1160158

SANITARY WATER BOARD PERMIT

NO. 1070204

A. PERMITTEE: (Name and Address)

Spang Industries, Inc.
Magnetics Division
P. O. Box 751
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality East Butler Borough

County Butler

C. TYPE OF FACILITY

Electronic components Plant

D. NAME OF MINE OR AREA SERVED

Acid and metal oxide rinses and cooling water

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:

a. ☐ Pump Stations; Sewers and Appurtenances

b. ☐ Sewage Treatment Facilities

c. ☒ Industrial Wastes Treatment Facilities

2. The Discharge Of:

a. ☒ Treated & ☒ Untreated

b. ☒ Industrial Wastes

☐ Sewage

TO: Bonnie Brook
(Receiving Waters)

3. The Operation Of:

a. ☐ A Coal Mine

Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1070204 DATED 8-13-70, AND AMENDMENTS DATED 12-14-70. SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 4, 7, 8, 10, 13, 14, 15, 16 & 17 OF THE I. W. STANDARD CONDITIONS DATED 1-1-71, WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED A, B, C, D, E WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE SANITARY WATER BOARD OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1987, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF HEALTH

PERMIT ISSUED

DATE JAN 14 1971

BY _____

Donald A. Lazarchik, Director

TITLE Division of Industrial Wastes

These plans are hereby approved subject, nevertheless, to the condition that the waste treatment plant constructed under said plans will produce an effluent satisfactory to the Sanitary Water Board. By this approval, neither the Board nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the efficiency of the operation of the plant to be constructed thereunder.

This permit is issued subject to all Sanitary Water Board Rules and Regulations now in force, and the following Special Conditions:

A. The effluent discharged to the waters of the Commonwealth shall not be acid, shall have a pH of not less than 6.0 nor greater than 9.0, and shall not contain more than 7.0 mg/l of dissolved iron.

B. Within six months after the herein approved waste treatment works are constructed and placed in operation, the permittee shall submit to the Secretary of the Sanitary Water Board, Pennsylvania Department of Health, Harrisburg, Pennsylvania, evidence of the efficiency and adequacy of such works in treating the waste discharges from this establishment. If the proposed waste treatment works fail to meet the requirements of the Sanitary Water Board for secondary treatment, then the permittee shall immediately proceed with the installation of such provisions as may

be necessary to obtain a degree of treatment satisfactory to the Sanitary Water Board, subject to approval by the Board of plans for any major additions to or modifications of the new proposed waste treatment works.

Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

An equivalent of secondary treatment is required for nonbiodegradable wastes.

C. Approval of plans refers to waste treatment and not structural stability, which is assumed to be sound and in accordance with good structural design. Failure, because of faulty structural design or poor construction of the works herein

approved will render the permit void.

D. No matter how well designed and carefully constructed a waste treatment works may be, full effectiveness cannot be developed unless it is efficiently operated. In order to secure such efficiency, protect the waters of the Commonwealth, and insure the most effective and economical dosage when chemicals are used, the permittee is required to place the works under the regular charge of a responsible plant official, and its operation under the control of the designer of the works (or other qualified person approved by the Bureau of Sanitary Engineering) for at least one year after completion. Moreover, upon written notice from the Bureau of Sanitary Engineering, the permittee shall maintain one or more skilled operators regularly on duty for such daily periods as the Bureau may direct.

E. The discharge of untreated or improperly treated industrial wastes to the waters of the Commonwealth is contrary to the requirements of the Sanitary Water Board. If, because of accidental breakdown of the treatment works or plant equipment or for other reason, any such discharge should occur, then the operation of the mill or process producing such discharge shall be discontinued until repairs to the treatment works or other satisfactory measures

1160162

Industrial Wastes
Permit No. 1070204

to prevent stream pollution shall have been completed.

1160163

FILE

Appendix A-

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105 May 25, 1972

CERTIFIED MAIL

Magnetics, Inc.
P. O. Box 751
Butler, Pa. 16001

Attn: Mr. L. B. Jamison, Engineer

Re: Notice of Industrial Wastes Treatment Requirements

Permit No. 1070204
East Butler Borough
Butler County

Gentlemen:

New water quality criteria and treatment requirements for intrastate waters have been established for the Lower Ohio River Basin in an implementation plan approved by the Environmental Quality Board on September 16, 1971. A minimum of secondary treatment is required for all biodegradable type wastes and the equivalent for non-biodegradable wastes as set forth in Sections 95.2 and 95.3 of the Department's Rules and Regulations, Chapter 95, a copy of which is attached. Additional treatment of your discharges is required to comply with the new water criteria and treatment requirements, including Specific Standards listed below.

In accordance with Section 95.6 of Chapter 95, within 90 days of receipt of this notice, your company is required to submit to the appropriate regional office (1) a report establishing that your existing facilities are capable of meeting the new criteria and treatment requirements or (2) a dated schedule of steps to be taken to achieve such compliance.

Enclosed are four (4) copies of the Project Status Schedule Card. If a schedule is required, send three (3) copies to the Bureau of Water Quality Regional Office which has jurisdiction for your area. The company shall submit reports to the Department indicating the completion of each step in the schedule within 30 days of its completion.

Failure to comply with these requirements will subject you to the penalty and enforcement provisions of the Clean Streams Law.

714

MAY 25 1972

1160164

In addition to secondary treatment, the following Specific Standards must be met by the effluent from your facilities to achieve compliance with Water Quality Standards.

The 5-day BOD shall not exceed 10 mg/l
Ammonia shall not exceed 2 mg/l as N
Phosphorus shall not exceed 0.5 mg/l as P
Total suspended solids shall not exceed 25 mg/l

FOR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

Ernest F. Giovannitti

Ernest F. Giovannitti, Acting Chief
Division of Industrial Wastes

Attachments: Chapter 95 Rules & Regulations
Project Status Schedule Cards
List of Regional Offices

EFG:irl
cc: Mail Clerk
File
Reg. San. Engr., Region V, Pittsburgh
Division of Industrial Wastes
Strike Force
Management Services - Mrs. Grubb
Mr. Miller

1160168

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE MAGNETICS E. Butler PLANT P 1070204

NUMBER 10923 IW 52116 -/3071

PERMIT 1071404

CENTER TOWNSHIP SEWER SYSTEM AND SEWAGE TREATMENT PLANT

.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 1071404

A. PERMITTEE: (Name and Address)

The Municipal Water and Sewer Authority of Center Township
419 Sunset Drive
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler County

C. TYPE OF FACILITY

sewer system and a sewage treatment plant

D. NAME OF MINE OR AREA SERVED

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] Pump Stations; Sewers and Appurtenances
   - b. [X] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of:
   - a. [X] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [X] Sewage

   TO: Unnamed Run - Little Connoquenessing Creek
   (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1071404 DATED 5-6-71, AND AMENDMENTS DATED none.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1968 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED A, B, and C WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED
DATE OCT 22 1971

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Daniel B. Trautman, Director
Division of Water Supply & Sewerage
TITLE

PERMIT 1072401

RELIEF SEWER, ALAMEDA PARK ROAD

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 1072401

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality City of Butler and Butler Township

County Butler

C. TYPE OF FACILITY

Relief sewer (Alameda Park Road)

D. NAME OF MINE OR AREA SERVED

northwest Butler Township

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:

a. [X] Sewers and Appurtenances

b. [ ] Sewage Treatment Facilities

c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None

a. [ ] Treated

[ ] Untreated

b. [ ] Industrial Wastes

[ ] Sewage

TO:

(Receiving Waters)

3. The Operation Of: NA

a. [ ] Mine

Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1072401 DATED November 30, 1971, AND AMENDMENTS DATED January 19, 1972.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, 18, 25 and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED none WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE JAN 28 1972

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Howard G. Luley

Howard G. Luley, P.E.

TITLE Regional Sanitary Engineer

BOOK 968 PAGE 851

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Alameda Park Road Sewer Cont. 20.1

JAN 28 1972

CERTIFIED MAIL

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Permit No. 1072401
Butler Area Sewer Authority
City of Butler and Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to the Facilities Section of this office.

Very truly yours,

Craig E. Yendell

for Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL:AEH:bk
cc: Central Office
File

BASA FEB 1 1972

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE
Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein name permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Department of Environmental Resources and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other date as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Environmental Resources pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Environmental Resources satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during the year, together with any other information in connection therewith that may be required, in order that the Department may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effect thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Department of Environmental Resources approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Department.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Department of Environmental Resources may advise or approve.

FIFTEEN: Nothing herein contained shall be constructed to be an intent of the part of the Department of Environmental Resources to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Department of Environmental Resources render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Department of Environmental Resources shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Department within the time specified, submit to the Department for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Department and after approval thereof shall construct such works in accordance with the directions of the Department.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage duplicate detail record plans showing these works as actually constructed, shall be filed with the Department of Environmental Resources for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Environmental Resources so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Department of Environmental Resources.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Environmental Resources and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the Department may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advise and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof. Effective January 1, 1971, the sewage treatment plant shall be operated by a certified operator, in accordance with the Sewage Treatment Plant and Water works Operators' Certification Act, Act #322, approved November 18, 1968.

(amended June 13, 1969)

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Department of Environmental Resources, these works are not so operated or if by reason of increased load upon the works, changed use of condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void and within the time specified by the Department, the permitted shall take such remedial measures as will produce an effluent which in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1072410

SEWER EXTENSION FOR OAK HILL AREA

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 1072410

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY

Sewer Extension

D. NAME OF MINE OR AREA SERVED

Oak Hills area

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] Pump Stations; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of: NA
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1072410 DATED May 15, 1972, AND AMENDMENTS DATED May 30, 1972.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, 18, 25, 26 and 27 OF THE sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County. WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE JUL 21 1972 Book 968 Page 855

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Howard G. Luley

Howard G. Luley, P.E.
TITLE Regional Sanitary Engineer

H711-308

Sewerage Application No. 1002410
The Butler Area Sewer Authority
Butler Township
Butler County

STATE OF PENNSYLVANIA }
COUNTY OF } SS Howard G. Luley

On the 21st day of July in the year one thousand nine hundred and seventy two before me, the Subscriber, a Notary Public, came the above named

Howard G. Luley

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 968 PAGE 856

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

Oak Hills

JUL 21 1972

Mr. David A. Kirk
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

SUBJECT: Sewerage Permit No. 1072410
The Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Craig E. Yendell

for Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Central Office
File

BASA JUL 24 1972

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE
Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein name permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Department of Environmental Resources and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other date as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manholes inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrials wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Environmental Resources pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Environmental Resources satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during the year, together with any other information in connection therewith that may be required, in order that the Department may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effect thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Department of Environmental Resources approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Department.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Department of Environmental Resources may advise or approve.

FIFTEEN: Nothing herein contained shall be constructed to be an intent of the part of the Department of Environmental Resources to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Department of Environmental Resources render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Department of Environmental Resources shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Department within the time specified, submit to the Department for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Department and after approval thereof shall construct such works in accordance with the directions of the Department.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage duplicate detail record plans showing these works as actually constructed, shall be filed with the Department of Environmental Resources for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Environmental Resources so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Department of Environmental Resources.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Environmental Resources and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the Department may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advise and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof. Effective January 1, 1971, the sewage treatment plant shall be operated by a certified operator, in accordance with the Sewage Treatment Plant and Water works Operators' Certification Act, Act #322, approved November 18, 1968.

(amended June 13, 1969)

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Department of Environmental Resources, these works are not so operated or if by reason of increased load upon the works, changed use of condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void and within the time specified by the Department, the permitted shall take such remedial measures as will produce an effluent which in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1072416

PRESTON WHITESTOWN INTERCEPTING SEWER

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-1022416

NUMBER 10,909 SE 52048-693

505 State Office Building
300 Liberty Avenue
ctsburgh, Pennsylvania 15222

Application No. 1072416

Sewerage
The Deshon Area Sanitary Disposal and Sewer Authority of the Township of Butler

Butler Township

Butler County

Mr. J. L. Ferrero, P.E.
Ewette Engineering Company
103 E. Main Street
Uniontown, Penna. 15401

Gentlemen:

Attached is a copy of the permit issued in response to the subject application. We submit this copy for your information as to the conditions contained in this permit.

Please notify this office both at the start of the construction and completion of the proposed facilities.

If you have any questions, please feel free to contact this office.

Very truly yours,

Carl F. Bender

Carl F. Bender
Sanitary Engineer

CFB/car

Attachment

cc: File

1072416

1149801

FAYETTE ENGINEERING COMPANY

CONSULTING ENGINEERS

Established 1902

103 EAST MAIN STREET

UNIONTOWN, PENNSYLVANIA 15401

PHONE 438-3373

September 14, 1972

RECEIVED

SEP 1 1 '72

ENVIRONMENTAL [illegible]
PITTSBURGH REGIONAL OFFICE

Pennsylvania Department of
Environmental Resources
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Attention: Mr. Howard T. Daley
Regional Sanitary Engineer

Gentlemen:

In behalf of the Deshon Area Sanitary Disposal and Sewer Authority of the Township of Butler, Butler County, we are enclosing two (2) sets of plans, modules and specifications, and a check in the amount of twenty-five dollars ($25.00); all relative to the construction of a proposed sewer known as the Preston Whitestown Intercepting Sewer.

As you will recall, this sewer was included in the Deshon Authority application for permit to expand their plant and upgrade the degree of treatment at the present plant; said permit application made on March 1, 1972.

We would appreciate your expediting the processing of this application.

Very truly yours,
FAYETTE ENGINEERING COMPANY

Joseph L. Ferrero, P. E.

JLF:sm
cc: Claire Murphey
Enclosures

Appendix A-20-b

PROJECT EVALUATION FORM
DEPARTMENT REVIEW

Project Sponsor Deshon Area Sewer Authority
Project Location: Municipality Butler Township County Butler
Application-Permit No. 1072416

Submission Date	Verification Date		Reviewer's Initials	Person Contacted
	not submitted as	Act 537		
	not submitted as	PNRS		
10/10/72		Application		
		PL 660		

1. A. Have water quality standards been adopted? [X] Yes [ ] No
   B. If no, specify criteria
   [ ] Group A
   [ ] Group B
   [ ] Other
   C. Will discharge meet the standards or criteria? [ ] Yes [X] No
   See next page
   D. Is there an approved pollution report? [ ] Yes [ ] No N/A
   Not required for this project.
2. Is the proposed project consistent with comprehensive program? [X] Yes [ ] No
   If no, explain. This project is for construction of a relief sewer to ease the load on existing interceptor. It is not expected that the installation of this relief sewer will materially add to the load on the treatment plant.
3. Conclusions: [X] Project acceptable as presented
   [ ] Project acceptable with conditions noted
   [ ] Project unacceptable for reasons noted

Conditions and/or reasons:

A. Stan E. Hall 10-26-72 — Reviewer — Date
W. A. [illegible] — Planning Section Chief
10-26-72 — Date

10-26-72
Date

WASTE SOURCE INVENTORY

Source	Permit No	Location From (A) (Miles)	Receiving Stream	Facilities Compliance Status
A. (Proposed Project) Treatment at Deshon STP	9151-S	0	Saw Mill Run	Violation Satis. Progress
B.				
C.				
D.				
E.				

For any discharges not in compliance, indicate the reason for non compliance and the steps being taken to correct the violation. Attach relevant compliance schedules.

1. Schedule attached.
2. We are presently withholding action on their application No. 1072404 (submitted before 3/1/72) to expand and upgrade plant until we receive "Interim Plan for Butler Area" from Planning Commissions.

W. L. [illegible]
Planning Section Chief

10-26-72
Date

Certification

The planning evaluation presented above is a portion of the interim regional or metropolitan plan required under 18 CFR 601.33. Based on the evaluation this project represents the best mix of (1) expeditious action to abate or prevent pollution, (2) consistency with a comprehensive program of water quality management and pollution control and (3) economy in preparing the fully developed plan for this area. Facilities provided by this project will be considered and utilized to the greatest possible extent.

Comprehensive Planning Chief — Date

Director, Division of Water Supply & Sewerage — Date

900-21.19

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

NOV. 6 1972

Certified Mail

Mr. Cameron H. Stover, Chairman
The Deshon Area Sanitary Disposal and Sewer
Authority of the Township of Butler
101 Williams Road
Butler, Penna. 16001

SUBJECT: Sewerage Permit No. 1072416
The Deshon Area Sanitary Disposal and Sewer Authority
of the Township of Butler
Butler Township, Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Central Office
File

RECEIVED
'72 NOV 8 PM 1:22
DEPT. OF ENV. RES.
BUR. WATER QUALITY MGT.

H710.047 REV. 8-71 • COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SANITARY ENGINEERING

1072416
For Department Use Only

INTERNAL REVIEW AND RECOMMENDATIONS

REGIONAL ENGINEER'S REVIEW

NAME OF APPLICANT: The Deshon Area Sanitary Disposal and Sewer Authority of the Township of Butler

PROJECT LOCATION: Butler Township, Butler County

APPLICATION NUMBER: 1072416

BRIEF DESCRIPTION OF PROJECT: The applicant proposes to construct an 18" intercepting relief sewer known as the Preston Whitestown Intercepting Sewer. This sewer will connect with an existing interceptor and discharge to the Authority's Sewage Treatment Plant where the sewage flow will achieve 62% BOD reduction before discharge to Saw Mill Run, a tributary of Connoquenessing Creek in the Ohio River Basin.

DISCUSSION (Use Additional Sheets If Necessary): This sewer, although designed to serve 5000 people by the year 2010, is only to be used as a relief sewer at the present time. No additional sewage flow will be conveyed to the hydraulically overloaded treatment plant until additional facilities, approved by the Department, are provided. Although there may be some minor inconsistencies and inaccuracies in the application, the design as a whole generally meets the Department's requirements.

CURRENT ESTIMATE OF COMPLETION DATE OF PROJECT (Industrial Wastes Only)

RECOMMENDATION AND ACTION

APPROVAL – RELEVANT LAWS, REGULATIONS, STANDARDS, AND POLICIES HAVE BEEN COMPLIED WITH:

Issue By Region	Issue By Central Office	Refuse	Signature	Date
[X]	[ ]	[ ]	REVIEWING ENGINEER: Carl F. Bender	10/15/72
[X]	[ ]	[ ]	FACILITIES ENGINEER: Shannon R Vazanusky	11/6/72
[X]	[ ]	[ ]	REGIONAL ENGINEER: Thomas J Lucey	11/6/72
	[ ]	[ ]	DIV. FACILITIES ENGINEER	
	[ ]	[ ]	DIVISION DIRECTOR	
		[ ]	BUREAU DIRECTOR	

PERMIT CONDITIONS:
1. STANDARD – Sewerage, 1972
1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14 and 22

2. SPECIAL (Use Additional Sheets If Necessary) – None

1-19836

1149837 Appendix A-2

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 1072416

A. PERMITTEE: (Name and Address)
The Deshon Area Sanitary Disposal and Sewer Authority of the Township of Butler
101 Williams Road
Butler, Penna. 16001

B. PROJECT LOCATION
Municipality Butler Township
County Butler

C. TYPE OF FACILITY
Interceptor Sewer

D. NAME OF MINE OR AREA SERVED
Preston Whitestown Intercepting Sewer

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   a. [ ] Treated
      [ ] Untreated
   b. [ ] Industrial Wastes
      [ ] Sewage
   TO: _____ (Receiving Waters)

3. The Operation Of: N/A
   a. [ ] Mine
   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)
   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1072416 DATED February 8, 1972, AND AMENDMENTS DATED October 6, 1972) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT

3. SPECIAL CONDITION(S) NUMBERED None WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.
It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE NOV. 6 1972

BY Howard G. Luley, P.E.
TITLE Regional Sanitary Engineer

H711.307 REV. 3-71

1149838

Sewerage Application No. 1072416
The Deshon Area Sanitary Disposal and
Sewer Authority of the Township of Butler
Butler Township
Butler County

Commonwealth of Pennsylvania
Department of Environmental Resources

RECEIVED
'72 DEC 1 PM 3:20
DEPT. OF ER.
BU WATER QUALITY MGT.

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . . . November 8, 1972 . . . . .
(Date)

there was recorded in Book . . 959 . . . . . Deed

page . 333 . . . . . the sewerage permit issued

to . . . . Butler Tp. Deshon Area Sanitary Disposal & Sewer Auth.

bearing date of . . Nov. 6, 1972 . . . . . .

. . Clair K. Halstead
Recorder of Deeds for
Nancy Miller, Dep.
. . . Butler County

1149841

ER-OIS-IR

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

END

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-1072416

NUMBER 10909 SE 52048-693

PERMIT 1073411

SEWER EXTENSION FOR ALAMEDA COMMERICAL PARK

COMMONWEALTH OF PENNA. DEPT OF ENVIRONMENTAL RESOURCES to BUTLER AREA SEWER AUTHORITY

H-16.126 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 1073411

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler County

C. TYPE OF FACILITY

Sewer Extension

D. NAME OF MINE OR AREA SERVED

Alameda Commercial Park

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] ~~XXXXXXXXX~~; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: N/A
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of: N/A
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1073411 DATED 2/20/73, AND AMENDMENTS DATED 6/28/73) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1,2,3,4,5,6,7,8,9,11,12,13,14 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED _____ WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED
DATE JUL 16 1973

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BY Howard G. Luley
Howard G. Luley, P.E.
Regional Sanitary Engineer

RECEIVED

BOOK 975 PAGE 520

975 - 520

Sewerage Application No. 7073420
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA
COUNTY OF } SS Howard G. Luley, P.E.

On the 17th day of July in the year one thousand nine hundred and seventy-three before me, the Subscriber, a Notary Public, came the above named Howard G. Luley and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 975 PAGE 521

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Water Quality Management
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

JUL 17 1973

CERTIFIED MAIL

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Permit No. 1073411
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) dyas.

Very truly yours,

for Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car
Enclosures: Permit
Standard Conditions
Certificate
Return Envelope
Construction Report

cc: Central Office
File

BASA JUL 18 1973

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions requires. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The out fall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein a approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively preform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the dsigner of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: If facilities become available for conveying the sewage to and treating it at a more suitable location, upon order from the Department of Environmental Resources, the permittee shall provide for the discharge of the sewage to such facilities and shall abandon the use of the herein approved sewage treatment works.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Special Conditions Relative To Sewerage - 1972

I The plant hereby approved is required to effect (specify secondary or tertiary) treatment of the sewage which it receives. (Specify secondary or tertiary) treatment is treatment that will, for the purpose of this permit, reduce the organic waste load at least (Specify % BOD removal, suspended solids, P04 etc. or concentration permitted in effluent) during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing orginisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, grease, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

II The plant hereby approved is required to effect the specified degree of reduction of BOD and suspended solids and under no circumstances may more than (specify) pounds of BOD or (specify) pound of suspended solids (or any other parameter) be discharge on any one day.

PERMIT 1074404

SEWER EXTENSION FOR ALAMEDA COMMERICAL PARK

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1074404

A. PERMITTEE (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: City of Butler, East Butler Borough and Butler, Center & Summit Townships
County: Butler

C. TYPE OF FACILITY OR ESTABLISHMENT
Modify and Expand Sewage Treatment Plant; Pump Stations, Interceptors, and Collector Sewers

D. NAME OF MINE, OPERATION OR AREA SERVED
Butler Area

E. THIS PERMIT APPROVES

1. Plans For Construction of
   - a. [X] PUMP STATIONS; SEWERS AND APPURTENANCES
   - b. [X] SEWAGE TREATMENT FACILITIES
   - c. [ ] MINE DRAINAGE TREATMENT FACILITIES
   - d. [ ] INDUSTRIAL WASTE TREATMENT FACILITIES
   - e. [ ] OUTFALL & HEADWALL
   - f. [X] STREAM CROSSING

2. The Discharge of:
   - a. [X] TREATED
   - [ ] UNTREATED
   - b. [ ] INDUSTRIAL WASTE
   - [ ] MINE DRAINAGE
   - [X] SEWAGE

3. The Operation of: NA
   - [ ] MINE MAXIMUM AREA TO BE DEEP MINED _____
   - [ ] DAM

4. An Erosion and Sedimentation Control Plan [X]
   PROJECT AREA IS 145 ACRES.

5. Nature of Discharge or Impoundment:
   - [X] DISCHARGE TO SURFACE WATER
   - [ ] DISCHARGE TO GROUND WATER
   - [ ] IMPOUNDMENT

   Connoquenessing Creek
   (Name of Stream to which discharged or drainage area on which ground water discharge takes place or impoundment is located).

F. You are hereby authorized to construct, operate or discharge, as indicated above, provided that you comply with the following:

1. All representations regarding operations, construction, maintenance and closing procedures as well as all other matters set forth in your application and its supporting documents (Application No. 1074404 dated February 25, 1974), and amendments dated January 5, 1977. Such application, it's supporting documents and amendments are hereby made a part of this permit. 30,31,32 & 3
2. Conditions numbered 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,29, of the Sewerage Standard Conditions dated 1972, Rev. 11-74 which conditions are attached hereto and are made a part of this permit.
3. Special condition(s) designated A, B, C, D, E, F, G which are attached hereto and are made a part of this permit.

G. The Authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the Rules and Regulations of the Department or the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Streams Law, The Act of June 22, 1937, P.L. 1987 as amended and/or the Water Obstruction Act of June 25, 1913, P.L. 555 as amended. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED
DATE JAN 7 1977

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BY J R Vayansky
Jose R. del Rio, P.E.
TITLE Regional Sanitary Engineer

BOOK 1036 PAGE 020

SEWERAGE PERMIT NUMBER 1074404

This permit is subject to the following special conditions:

A. The quality of the herein approved discharge shall be limited at all times as follows:

Parameter	Average Effluent Concentrations 7 Consecutive Day Period	Maximum Effluent Concentrations at any time
Biochemical Oxygen Demand (5-day)	10 mg/1	20 mg/1
Total Suspended Solids	25 mg/1	50 mg/1
Ammonia Nitrogen as N		
June 1 to October 31	2 mg/1	4 mg/1
November 1 to May 31	6 mg/1	12 mg/1
Total Phosphorus as P	0.5 mg/1	1 mg/1
Dissolved Oxygen	shall equal or exceed 5 mg/1 at all times	
Total Residual Chlorine	shall not exceed 0.1 mg/1 when the discharge from the herein approved sewage treatment plant is less than ten million gallons per day	

The above averages are based on the arithmetic mean of the effluent samples collected during the specified period. The maximum effluent concentrations shall be based on any one grab sample.

In addition to the above requirements, the permittee shall provide effective disinfection to control disease producing organisms; shall provide satisfactory disposal of sludge; and shall reduce the quantities of oil, grease, acids, alkalis, toxic, taste and odor producing substances inimical to the public interest to levels that will not pollute the receiving stream.

B. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

C. This permit is subject to the conditions numbered 1-20 inclusive of the Standard Conditions Relating to Erosion Control dated 1973.

D. In accordance with the information submitted in support of this permit, incinerator ash is to be disposed at the site owned by Vogel. Any change from this procedure must receive prior approval in writing from the Department.

E. Within sixty (60) days after the incinerator is placed in operation, the permittee shall submit to the Department a complete chemical analysis and a leaching analysis of the incinerator ash.

F. The approval of the controlled diversion to Butchers Run is contingent upon its use only in the event of an emergency which would result in damage to the sewerage facilities. Should the use of this diversion become frequent or should objectionable conditions result therefrom, the permittee shall, upon notice from the Department, submit plans for and install equipment to prevent or adequately treat such discharge.

G. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

R-BWQ-69 Rev. 4-73

Sewerage Permit No. 1077404
Butler Area Sewer Authority
City of Butler, et. al.
Butler County

STATE OF PENNSYLVANIA
} SS Jose R. del Río, P. E.
COUNTY OF

On the 12th day of January in the year one thousand nine hundred and seventy-seven before me, the Subscriber, a Notary Public, came the above named

Jose R. del Río, P. E.

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

BOOK 1036 PAGE 1022

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
565-5091 Pittsburgh, Pennsylvania 15222

JAN 7 1977

In reply refer to:
Sewerage Permit Number 1074404
Butler Area Sewer Authority
City of Butler
Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

Attention: Mr. David A. Kirk, Manager

Dear Mr. Kirk:

Your permit and the items indicated below are enclosed. Please study these enclosures carefully.

To become operative your permit must be recorded in the Office of the Recorder of Deeds in Butler County. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

If you have any questions, please contact us.

Very truly yours,

Anthony Smerdell

Anthony Smerdell
Sanitary Engineer

Enclosures: Permit
Standard Conditions
Certificate
Return Envelope
~~Construction Report~~

cc: File
Design Engineer
Operations Section

PERMIT 1075403

MARGATE VILLAGE SEWAGE TREATMENT PANT

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE MARGATE VILLAGE P* 1075403

NUMBER 10.911 SE. 52052-13031

ER-BWQ-43 Rev. 2-73

1153375

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Water Quality Management

For Department Use Only

INTERNAL REVIEW AND RECOMMENDATIONS

REGIONAL ENGINEER'S REVIEW

Accepted: 5/1/75

NAME OF APPLICANT George F. Rehlo

PROJECT LOCATION Center Township Butler County

APPLICATION NUMBER 1075403

BRIEF DESCRIPTION OF PROJECT:

The applicant proposes to construct and operate a sewage treatment plant to serve a maximum of 96 apartments in Margate Village. Extended aeration, phosphate removal and intermittent dosed sand filtration are proposed. An erosion type chlorinator and an aerated sludge holding tank are also proposed. Alum dosage will be controlled by electrical probes in the chlorine contact tank. The units [redacted] will be installed in two stages, of 0.0125 MGD.

The modules indicate that the treatment plant will be located more than 250 feet from the nearest occupied dwelling. Discharge of the treated effluent will be to an unnamed tributary of Sullivan Run.

The PEF and the Pollution Report have been approved by the Planning Section of this office. The Soil Erosion and Sedimentation Control Plan has been approved by the Butler County Conservation District. The sludge disposal procedure has been approved by the Solid Waste Coordinator.

(continued)

CURRENT ESTIMATE OF COMPLETION DATE OF PROJECT (Industrial Wastes Only)

RECOMMENDATION AND ACTION

APPROVAL – RELEVANT LAWS, REGULATIONS, STANDARDS, AND POLICIES HAVE BEEN COMPLIED WITH:

Issue By Region	Issue By Central Office	Refuse	Signature	Date
X	☐	☐	William R Sherwin REVIEWING ENGINEER	5-21-75
X	☐	☐	Thomas R Vagansky FACILITIES ENGINEER	6-4-75
X	☐	☐	Thomas C Lakey REGIONAL ENGINEER	6/4/75
	☐	☐	DIV. FACILITIES ENGINEER	
	☐	☐	DIVISION DIRECTOR	
		☐	BUREAU DIRECTOR	

PERMIT CONDITIONS:

1. STANDARD – Sewerage, 1972

1, 2, 6, 9 through and including 23, 25, 26, 29, 30, 31, 32 and 33

2. SPECIAL (Use Additional Sheets If Necessary) – See attached sheet.

1153376 1075403

Sewerage Application No. 1075403
Beorge F. Beblo
Center Township
Butler County

BRIEF DESCRIPTION OF PROJECT: (continued)

Although there are some minor inconsistencies and inaccuracies in the application, the design as a whole generally meets the requirements of the Department.

PERMIT CONDITIONS:

2. Special:

A. 5-day BOD, average - 10 mg/l
maximum - 20 mg/l

TSS average - 25 mg/l
maximum - 50 mg/l

Ammonia as N from June 1 to Oct. 31, average - 1.5 mg/l
maximum - 3.0 mg/l

the remainder of the year average - 4.5 mg/l
maximum - 9.0 mg/l

Phosphorus as P - 0.5 mg/l

D.O. - 5.0 mg/l min.

B. Two Phase Construction

C. Conservation District Notification

It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

ER-BWQ 15 Rev. 9/73

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

1153377 DNR

NO. 1075403

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address)

George F. Noble
320 Saxonburg Road
Butler, Pa. 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY OR ESTABLISHMENT

Sewage Treatment Plant

D. NAME OF MINE, OPERATION OR AREA SERVED

Hargate Village

E. THIS PERMIT APPROVES

1. Plans For Construction of

a. ☐ PUMP STATIONS; SEWERS AND APPURTENANCES

b. ☒ SEWAGE TREATMENT FACILITIES

c. ☐ MINE DRAINAGE TREATMENT FACILITIES

d. ☐ INDUSTRIAL WASTE TREATMENT FACILITIES

e. ☐ OUTFALL & HEADWALL

f. ☐ STREAM CROSSING

2. The Discharge of:

a. ☒ TREATED

☐ UNTREATED

b. ☐ INDUSTRIAL WASTE

☐ MINE DRAINAGE

☒ SEWAGE

3. The Operation of: N/A

☐ MINE
MAXIMUM AREA TO BE DEEP MINED _____

☐ DAM

4. An Erosion and Sedimentation Control Plan ☒
PROJECT AREA IS 3.0 ACRES.

5. Nature of Discharge or Impoundment:

☒ DISCHARGE TO SURFACE WATER ☐ DISCHARGE TO GROUND WATER

☐ IMPOUNDMENT

Unnamed Tributary of Sullivan Run
(Name of Stream to which discharged or drainage area on which ground water discharge takes place or impoundment is located).

F. You are hereby authorized to construct, operate or discharge, as indicated above, provided that you comply with the following:

1. All representations regarding operations, construction, maintenance and closing procedures as well as all other matters set forth in your application and its supporting documents (Application No. 1075403 dated February 10, 1975), and amendments dated _____. Such application, it's supporting documents and amendments are hereby made a part of this permit.

2. Conditions numbered 1,2,6,9, through and including 23,25,26,29,30,31,32, and 33 of the Sewerage Standard Conditions dated 1972 which conditions are attached hereto and are made a part of this permit.

3. Special condition(s) designated A, B, C which are attached hereto and are made a part of this permit. It is required by law, that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

G. The Authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the Rules and Regulations of the Department or the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Streams Law, The Act of June 22, 1937, P.L. 1987 as amended and/or the Water Obstruction Act of June 25, 1913, P.L. 555 as amended. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED

DATE JUN 4 1975

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY _____

Howard G. Luley, P.E.

TITLE Sanitary Engineer

1153378

SEWERAGE PERMIT NO. 1075403

This permit is subject to the following special conditions:

A. The plant hereby approved is required to effect tertiary treatment of the sewage it receives. Tertiary treatment is treatment that will, for the purpose of this permit, produce an effluent that will contain an organic load, as measured by the five-day Biochemical Oxygen Demand test, of not more than 10 mg/l as an average of five consecutive samples or 20 mg/l at any time; will limit the total suspended solids to 25 mg/l or less as an average of five consecutive samples or 50 mg/l at any time; will limit ammonia as N to 1.5 mg/l as an average or 3.0 mg/l at any time during the period June 1 to October 31, and 4.5 mg/l as an average or 9.0 mg/l at any time during the remainder of the year; will limit the total Phosphorus as P to 0.5 mg/l; will contain not less than 5.0 mg/l dissolved oxygen; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, grease, acids, alkalis, toxic and odor producing substances inimical to the public interest to levels that will not pollute the receiving stream.

B. This permit is issued for stage development of the treatment plant facility. The initial stage, Phase I, must include one aeration tank, one settling tank and one sand filter, to serve a maximum of 48 apartments. All other required treatment units including the comminutor, dosing tank, phosphorus removal equipment, chlorine contact tank, and blowers must be initially provided and sized adequately to handle the ultimate flow of Phase II. Phase II shall be constructed in advance of the tributary load exceeding the initial 48 apartments. This construction shall include an additional aeration tank, settling tank and sand filter giving the entire facility capacity to serve the design basis of 96 apartments.

C. The Butler County Conservation District shall be notified prior to the start of earthmoving associated with the construction of the project covered by this permit.

It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

M711.307 REV. 3-71

1153379

Sewerage Application No. 1075403
George F. Beblo
Center Township
Butler County

File
apa
6/18/76

Commonwealth of Pennsylvania
Department of Environmental Resources

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on ..... June 11, 1976 .... (Date)

there was recorded in Book Deed 1007 .....

page ... 661 ..... the sewerage permit issued

to ..... George F. Beble .....

bearing date of ... June 4, 1975 .....

Clair K. Halstead
Recorder of Deeds for
Nancy Dawson, Dep.
Butler ... County

115330

EM-OS-1R

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE MARGATE VILLAGE P** 025403

NUMBER 10.911 3E.52052-13031

PERMIT 1075407

SEWER EXTENSION FOR KENDALWOOD PLAN

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
565-5091 600 Kossman Building
100 Forbes Avenue
Pittsburgh, Pennsylvania 15222

OCT 10 1975

1 Kendalwood
Butler Township

CERTIFIED MAIL

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001
ATTENTION: Mr. David A. Kirk, Manager

SUBJECT: Sewerage Permit No. 1075407
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish this certificate and return it within ten (10) days.

Very truly yours,

William R. Sherwin

William R. Sherwin
Sanitary Engineer

Enclosures: Permit
Standard Conditions
Return Envelope
Construction Report

cc: File
Operations Section
Design Engineer

3-BWQ-15 Rev. 3/75

COMMONWEALTH OF PA. DEPT. OF ENVIRONMENTAL RESOURCES

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1075407

A. PERMITTEE (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: Butler Township
County: Butler

C. TYPE OF FACILITY OR ESTABLISHMENT
Sewer Extension

D. NAME OF MINE, OPERATION OR AREA SERVED
Kendalwood Plan

E. THIS PERMIT APPROVES

1. Plans For Construction of
   - a. [X] ~~XXXXXXXXXX~~ SEWERS AND APPURTENANCES
   - b. [ ] SEWAGE TREATMENT FACILITIES
   - c. [ ] MINE DRAINAGE TREATMENT FACILITIES
   - d. [ ] INDUSTRIAL WASTE TREATMENT FACILITIES
   - e. [ ] OUTFALL & HEADWALL
   - f. [X] STREAM CROSSING

2. The Discharge of: N/A
   - a. [ ] TREATED
   - [ ] UNTREATED
   - b. [ ] INDUSTRIAL WASTE
   - [ ] MINE DRAINAGE
   - [ ] SEWAGE

3. The Operation of: N/A
   - [ ] MINE MAXIMUM AREA TO BE DEEP MINED _____
   - [ ] DAM

4. An Erosion and Sedimentation Control Plan [X]
   PROJECT AREA IS 18.5 ACRES.

5. Nature of Discharge or Impoundment: N/A
   - [ ] DISCHARGE TO SURFACE WATER
   - [ ] DISCHARGE TO GROUND WATER
   - [ ] IMPOUNDMENT

   (Name of Stream to which discharged or drainage area on which ground water discharge takes place or impoundment is located).

F. You are hereby authorized to construct, operate or discharge, as indicated above, provided that you comply with the following :

1. All representations regarding operations, construction, maintenance and closing procedures as well as all other matters set forth in your application and its supporting documents (Application No. 1075407 dated 9-10-75), and amendments dated 10-2-75. Such application, it's supporting documents and amendments are hereby made a part of this permit.
2. Conditions numbered One through and including 9,11,12,13,14,21,22,30,31, 32 and 33 of the Sewerage Standard Conditions dated 1972 which conditions are attached hereto and are made a part of this permit.
3. Special condition(s) designated A which are attached hereto and are made a part of this permit.

G. The Authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the Rules and Regulations of the Department or the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Streams Law, The Act of June 22, 1937, P.L. 1987 as amended and/or the Water Obstruction Act of June 25, 1913, P.L. 555 as amended.
   Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED

DATE OCT 10 1975

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Howard G. Luley

Howard G. Luley, P. E.
Regional Sanitary Engineer

BOOK 1013 PAGE 838

SEWERAGE PERMIT NUMBER 1075407

This permit is subject to the following special condition:

A. The Butler County Conservation District shall be notified prior to the start of earthmoving associated with the construction of the herein approved project.

It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pullution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Quality Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away by diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Deaprtment. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions requires. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The out fall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein a approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively preform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the dsigner of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: If facilities become available for conveying the sewage to and treating it at a more suitable location, upon order from the Department of Environmental Resources, the permittee shall provide for the discharge of the sewage to such facilities and shall abandon the use of the herein approved sewage treatment works.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

1013 838

Sewerage Permit No. 1075407
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA }
COUNTY OF } SS

Howard G. Luley

On the 10th day of October in the year one thousand nine hundred and seventy-five before me, the Subscriber, a Notary Public, came the above named

Howard G. Luley

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

1013 - 838 A

BASA OCT 14 1975

1013 - 837 DRID

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 2.00

OCT 15 12 52 PM '75

CLAIR K. HALSTEAD RECORDER

BOOK 1013 PAGE 837

RECORDED OCTOBER 15, 1975

Commonwealth of Pa.
Dept. of Environmental Resources

To

Butler Area Sewer Authority

Sewerage Permit

Butler Pa.

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 15 day of Oct A. D., 19 75 in Deed Book No 1013 pg 838 Witness my hand and the seal of said Office.

Clair K. Halstead
Recorder

R/A.

Mail to
Lee C. McCandless
308 Mellon Bank Bldg
Butler, Pa. 16001

1013 PAGE 838

PERMIT 1078406

SEWER EXTENSION FOR CODISPOT PLAN

ER-BWQ-69 Rev. 1/78

Sewerage Permit Number 1079406
Butler Area Sewer Authority
Butler Township
Butler County

STATE OF PENNSYLVANIA
SS
COUNTY OF

Stephen F. Pedersen

On the 5th day of June in the year one thousand nine hundred and seventy-nine before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

BOOK 1094 PAGE 647

1094-638 4989

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 15.00

JUN 18 2 02 PM '79

Comm. of Penna.
Dept. of Environmental Resources

To
Butler Area Sewer Authority
Butler Tp.
Sewerage Permit

BUTLER COUNTY SS
PENNSYLVANIA
Recorded in the Recorder's Office
of said County on the 18 day
of June A. D., 19 79
In Deed
Book No. 1094 Witness
my hand and the seal of said office
Recording $

Clair T. Halstead

pb

BOOK 1094 PAGE 648

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
600 Kossman Building
100 Forbes Avenue
565-5091 Pittsburgh, Pennsylvania 15222

Codispot Plan.

August 30, 1978

In reply refer to:
Sewerage Permit Number 1078406
Butler Area Sewer Authority
Butler Township
Butler County

David A Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pa. 16001

Dear Mr. Kirk:

Your permit and the items indicated below are enclosed. If your permit authorizes a discharge, the discharge monitoring requirements will also be enclosed. Please study these enclosures carefully.

To become operative your permit must be recorded in the Office of the Recorder of Deeds in Butler County. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

If you have any questions, please contact us.

Very truly yours,

V. Vincent Luci

V. Vincent Luci
Sanitary Engineer

VVL/jc
Enclosures: Permit
Standard Conditions
Certificate
Return Envelope
Construction Report

cc: File
Design Engineer

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT NO. 1078406

A. PERMITTEE: (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pa. 16001

B. PROJECT LOCATION
Municipality: Butler Township
County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)
Sewer Extensions

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.
Codispot Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: None
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To:
   a. [ ] Surface Water N/A
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 0.50 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1078406 DATED 6/20/78 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 8/29/78. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.
2. CONDITIONS NUMBERED 1,2,3,4,5,6,7,8,9,11,12,13,14,21,22,24,30,31,32 and 33 OF THE Sewerage STANDARD CONDITIONS DATED 1972, Revised 11/74 AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.
3. SPECIAL CONDITIONS DESIGNATED A and B WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.
2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.
3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE SEP 1 1978

BY T. R. Vayansky, P.E.
TITLE Chief, Facilities Section

BOOK 1077 PAGE 921

SEWERAGE PERMIT NUMBER 1078406

This permit is subject to the following special conditions:

A. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

B. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

BOOK 1077 PAGE 922

-BWQ-69 Rev. 4-73

Sewerage Permit Number 1077402
Butler Area Sewer Authority
Butler Township
Butler County

STATE OF PENNSYLVANIA
COUNTY OF BUTLER } SS T. R. Vayansky, P.E.

On the 5th day of September in the year one thousand nine hundred and seventy-eight before me, the Subscriber, a Notary Public, came the above named

T. R. Vayansky, P.E.

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

BOOK 1077 PAGE 923

1077-921

9021

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 7.00

SEP 13 8 57 AM '78

COMMONWEALTH of PENNA.
DEPT. OF ENVIRONMENTAL RESOURCES

(to)

BUTLER AREA SEWER AUTH.

SEWAGE PERMIT

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 13 day of Sept A. D., 1978 in Deed Book No. 1077-921 Witness my hand and the seal of said Office.

Blair K. Halstead
Recorder

BOOK 1077 PAGE 924

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pullution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Quality Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away by diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Deaprtment. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilities which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

PERMIT 1079406

SEWER EXTENSION FOR SEPTEMBER DRIVE

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
565-5091 Pittsburgh, Pennsylvania 15222

JUN 5 1979

In reply refer to:
Sewerage Permit No. 1079406
Butler Area Sewer Authority
Butler Township
Butler County

September Drive

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

Attention: David A. Kirk

Dear Mr. Kirk:

Your permit and the items indicated below are enclosed. Please study these enclosures carefully.

To become operative your permit must be recorded in the Office of the Recorder of Deeds in Butler County. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

If you have any questions, please contact us.

Very truly yours,

Tim V. Dreier

Tim V. Dreier
Sanitary Engineer

TVD:ksk

Enclosures: Permit
Standard Conditions
Certificate
Return Envelope

cc: Regional File
Central File
Design Engineer

RECEIVED JUN 6 1979

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1079406

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)

Sewer Extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

September Drive

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: None
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 7.5 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1079406 DATED 2-26-79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED -. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2,3,4,5,6,7,8,9,12,13,14,17,21,22 and 31 OF THE Sewerage STANDARD CONDITIONS DATED 1972, rev. 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED A WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

A. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE JUN 5 1979

BY Stephen F. Pedersen

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1094 PAGE 638

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pullution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Quality Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away by diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Deaprtment. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilities which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

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NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

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THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

PERMIT 1079415

SEWER EXTENSION FOR SHERWOOD HILL PLAN

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Agre Avenue Stevenson Plan

WATER QUALITY MANAGEMENT PERMIT NO. 1079415

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler County

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sewer Extensions

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Sherwood Hill Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: None
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To:
   a. [ ] Surface Water N/A
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 0.5 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1079415 DATED 9/18/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 12/11/79. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2,5,6,7,9,13,14,21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED A and B WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED
DATE DEC 27 1979

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BY Stephen F. Pedersen
Stephen F. Pedersen
Regional Water Quality Management

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SEWERAGE PERMIT NUMBER 1079415

This permit is subject to the following special conditions:

A. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

B. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

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Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these wastes may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective difinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection thereto is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P.L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

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ER-BWQ-69 Rev. 1/78

Sewerage Permit 1079415
Butler Area Sewer Authority
Sherwood Hill Plan
Butler Township
Butler County

STATE OF PENNSYLVANIA
SS: Stephen F. Pedersen
COUNTY OF

On the 27th day of December in the year one thousand nine hundred and seventy-nine before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

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1108-260

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

JAN 24 8 31 AM '80

375

+ Com. of Pa.
+ Dept. of Environmental Resources

To

Butler Area Sewer Auth.

Sewerage Permit

Butler Co.

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 24 day of Jan A. D., 1980 in Deed Book No. 1108-260 Witness my hand and the seal of said Office.

Clair K. Halstead

BOOK 1108 PAGE 266

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, Pennsylvania 15222

565-5091

DEC 27 1979

In reply refer to:
Sewerage Permit 1079415
Butler Area Sewer Authority
Sherwood Hill Plan
Butler Township
Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

Attention: David A. Kirk, Manager

Dear Mr. Kirk:

Your permit and the items indicated below are enclosed. Please study these enclosures carefully.

To become operative your permit must be recorded in the Office of the Recorder of Deeds in Butler Co nty. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

If you have any questions, please contact us at 565-5091.

Very truly yours,

V. Vincent Luci

V. Vincent Luci
Sanitary Engineer

VVL/jc

Enclosures: Permit
Standard Conditions
Certificate
Return Envelope

cc: Regional File
Central File
Design Engineer

RECEIVED BUTLER AREA SEWER AUTHORITY
DEC 28 19

PERMIT 1080405

SEWER EXTENSION FOR ROCK CREEK PLAN

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080405

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sewer extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Rock Creek Plan (Sawmill Run)

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [x] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. N/A The Discharge Of: a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   N/A Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [x]
   Project Area is 0.6 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080405 DATED 2/26/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 5/7/80; 5/13/80; 6/26/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth-moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE JUL 01 1980

BY Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1116 PAGE 321

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

1116 325

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

ER-BWQ-69 Rev. 1/78

Sewerage Permit No. 1080405
Butler Area Sewer Authority
Rock Creek Plan
Butler Township, Butler County

STATE OF PENNSYLVANIA
COUNTY OF } SS Stephen F. Pedersen

On the 2nd day of July in the year one thousand nine hundred and before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

BOOK 1116 PAGE 328

1116-321

4204

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

JUL 18 8 31 AM '80

Comm. of Pa.
Dept. of Environmental Resources

To

Butler Area Sewer Authority

Sewerage Permit
Butler Tp.

BUTLER COUNTY
PENNSYLVANIA SS

Recorded in the Recorder's Office of said County on the 18 day of July A. D., 1980, in Deed Book No 1116-321 Witness my hand and the seal of said Office.

Claire K. Waldstad
Recorder

BOOK 1116 PAGE 329

PERMIT 1080407

SEWER EXTENSION FOR OAK HURST PLAN NO. 1

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080407

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler (Vogel Rd)

C. TYPE OF FACILITY (For industrial wastes, type of establishment)

Sewer Extensions

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Oak Hurst Plan No. 1

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewer Systems and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: N/A
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 0.5 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080407 DATED 3/17/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 5/7/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE JUN 26 1980

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Stephen F. Pedersen

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1116 PAGE 339

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

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THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

BOOK 1116 PAGE 345

Sewerage Permit No. 1080407
Butler Township Sewage Authority
Oak Hurst Plan No. 1
Butler Township
Butler County

STATE OF PENNSYLVANIA
SS
COUNTY OF

Stephen F. Pedersen

On the 26th day of June in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

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1116 347

4206

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 1.00

JUL 18 8 31 AM '80

Com. of Pa.
Dept of Environmental Resources

To

Butler Area Sewer Authority

Sewerage Permit

Butler Tp.

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 18 day of July A. D., 1980 in Deed Book No. 1116-339 Witness my hand and the seal of said Office.

Clair R. Halstead
Recorder

BOOK 1116 PAGE 347

PERMIT 1080411

SEWER EXTENSION FOR WAITES ESTATES SUBDIVISION

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT

NO. 1080411

A. PERMITTEE: (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: Penn Township
County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)
Sewer Extension & Pump Station

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.
Waites Estates Subdivision

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
a. [X] Sewers and Appurtenances
b. [ ] Sewage Treatment Facilities
c. [ ] Industrial Wastes Treatment Facilities
d. [ ] Mine Drainage Treatment Facilities
e. [ ] Outfall & Headwall
f. [ ] Stream Crossing
g. [ ] Impoundment

2. N/A The Discharge Of:
a. [ ] Treated
b. [ ] Untreated
c. [ ] Sewage
d. [ ] Industrial Wastes

3. N/A Discharge To:
a. [ ] Surface Water
b. [ ] Ground Water
Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
Maximum Area to be Deep Mined N/A Acres

5. An Erosion and Sedimentation Control Plan [X]
Project Area is 1.5 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080411 DATED 6/27/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 10/16/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED See Below WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED
DATE OCT 22 1980

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BY Stephen F. Pedersen
Stephen F. Pedersen
Regional Water Quality Manager

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COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

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Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

BOOK 1122 PAGE 434

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

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TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31. are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

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ER-BWQ-69 Rev. 1/78

Sewage Permit No. 1080411
Butler Area Sewer Authority
Waites Estates Subdivision
Penn Township
Butler County

STATE OF PENNSYLVANIA
> SS
COUNTY OF

Stephen F. Pedersen

On the 22nd day of October in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Kathryn Gouirand
NOTARY PUBLIC

KATHRYN GOUIRAND, Notary Public
PITTSBURGH, ALLEGHENY COUNTY, PA
MY COMMISSION EXPIRES
APRIL 6, 1984

BOOK 1123 PAGE 439

1123 - 732

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

7879

Nov 25 11 06 AM '80

X Commonwealth of Pa.
X Dept. of Environmental Resources

To

X Butler Area Sewer Authority

sewage Permit

Penn Tp.

BOOK 1123 PAGE 440

BUTLER COUNTY SS
PENNSYLVANIA
Recorded in the Recorder's Office
of said County on the 25th day
of Nov. A. D., 19 80
in Deed
Book No 1123 - 432 Witness
my hand and the seal of said Office
Recorder

PERMIT 1080413

SEWER EXTENSION FOR MERIDIAN HIGHLANDS PLAN

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080413

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)

Sewer Extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Meridian Highlands Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: NA
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: NA
   a. [ ] Surface Water
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] NA
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 39.5 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080413 DATED 7/15/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED _____. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2,5,6,7,9,13,14,21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED See below WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. a) It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.
   b) The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE AUG 19 1980

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Stephen F. Pedersen

Stephen F. Pedersen, Regional Water Quality Manager

BOOK 1118 PAGE 982

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

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THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiles which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Sewerage Permit No. 1080413
Butler Area Sewer Authority
Meridian Highlands Subdivision
Butler Township
Butler County

STATE OF PENNSYLVANIA
COUNTY OF } SS

Stephen F. Pedersen

On the 19th day of August in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

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1118 - 982

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

5546

SEP 8 12 04 PM '80

Commonwealth of Pa.
Dept. of Environmental
Resources

To

Meridian Highlands Plan

Sewerage Permit

Butler Twp.

BUTLER COUNTY
PENNSYLVANIA SS

Recorded in the Recorder's Office of said County on the 8th day of Sept A. D., 1980 in Deed Book No. 1118 - 982 Witness my hand and the seal of said Office.

Clair K. Halstead
Recorder

BOOK 1118 PAGE 990

PERMIT 1086402

SEWER EXTENSION FOR ABLE COUNTRY VIEW TOWNHOUSE ESTATES

ER-BWQ-15-Rev. 11/85

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1086402

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes, type of establishment

Sewer Extension

D. NAME OF PLANT, AREA SERVED, OUTFALL NO., ETC.

Able Country View Townhouse Estates

E. THIS PERMIT APPROVES:

1. Plans For Construction Of: a. [X] Pump Stations, Sewers and Appurtenances b. [ ] Sewage Treatment Facilities c. [ ] Industrial Wastes Treatment Facilities d. [ ] Injection Well e. [ ] Outfall & Headwall f. [ ] Stream Crossing g. [ ] Impoundment

2. The Discharge Of: NA a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To: NA a. [ ] Surface Water b. [ ] Ground Water
Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. Preparedness, Prevention, Contingency (PPC) Plan [ ]
NA

5. An Erosion and Sedimentation Control Plan [X]
Project Area is _____ Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1086402 DATED March 12, 1986 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED _____. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 13, 14, 16, 20, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1983 AND CONDITIONS NUMBERED All OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1985 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit. WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in which county the facilities are to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. §691.1 ET SEQ. AND/OR THE DAM SAFETY AND ENCROACHMENTS ACT OF NOVEMBER 26, 1978, P.L. 1375, AS AMENDED, 32 P.S. §693.1 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE JUN 5 - 1986

BY Peter A. Yeager

Peter A. Yeager, P.E.

TITLE ~~Regional Water Quality Manager~~ Meadville Regional Office

VOL 1282 PAGE 0179

Butler Area Sewer Authority
(Able Country View Townhouse Estates)
Center Township, Butler County
Application No. 1086402

ER-BWQ-69: Rev. 4/73

STATE OF PENNSYLVANIA }
} SS
COUNTY OF Crawford }

On the 5th day of June in the year one thousand nine hundred and eighty six before me, the Subscriber, a Notary Public, came the above named Peter A. Yeager, Regional Water Quality Manager, Meadville Regional Office and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

NOTARIAL SEAL MARILYN J. MILLER NOTARY PUBLIC COMMONWEALTH OF PENNSYLVANIA

Marilyn J. Miller
NOTARY PUBLIC

MARILYN J. MILLER, Notary Public
Meadville, Crawford County, Pa.
My Commission Expires February 20, 1989.

September 2, 1983

STANDARD CONDITIONS RELATING TO SEWERAGE - PART II PERMITS

ONE: During construction, no changes affecting any engineering design parameter shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

TWO: The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from injury by water, freezing, drying or other harmful conditions until cured.

THREE: Manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of the street wash or grit, and to provide convenient and safe means of access and maintenance.

FOUR: No stormwater from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

FIVE: The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and on-lot sewage disposal systems on the premises of occupied structures which are accessible to public sewers and require the connection of such structures to the public sewers.

SIX: The herein approved sewers shall be maintained in good condition, kept free from deposits by flushing or other proper means of cleaning, and repaired when necessary.

SEVEN: The permittee shall file with the Department of Environmental Resources "as-built" plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

EIGHT: The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to assure the proper mixing and waste assimilation an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of navigable stream, provided that the permittee has secured an easement, right-of-way, license, or lease from the Department in accordance with Section 15 of the Dam Safety and Encroachment Act, the Act of November 26, 1978, P.L. 1375, as amended.

NINE: The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

TEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

ELEVEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facility will individually and collectively perform the functions for which they were designed.

TWELVE: If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise the effluent from the said works ceases to be satisfactory or the sewerage facilities shall have created a public nuisance, then upon notice by the Department, the right herein granted shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory.

THIRTEEN: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper portions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and legible character and shall provide for the thorough instruction of all employees concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

FOURTEEN: Cross connections between the potable water supply and the sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

FIFTEEN: This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and are capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with either the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1956, P.L. 1535, as amended, or a comprehensive Water Quality Management Plan as set forth in Section 91.31 of the Rules and Regulations of the Department. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of the herein-approved facilities and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

SIXTEEN: The permittee shall construct the sewerage facilities in a manner compatible with good conservation methods in order to minimize the adverse effect on the environment.

SEVENTEEN: The local waterways patrolman of the Pennsylvania Fish Commission shall be notified when the construction of a stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolman when explosives are to be used.

EIGHTEEN: If future operations by the Commonwealth of Pennsylvania require modifications of the stream crossing and/or outfall, or there shall be unreasonable obstruction to the free passage of floods or navigation from the stream crossing and/or outfall, permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the water-course to its former condition. No claims shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

NINETEEN: The sewage treatment plant shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Waterworks Operators' Certification Act, the Act of November 18, 1968, P.L. 1217, as amended.

TWENTY: All industrial waste discharged or proposed for discharge into the sewer system shall be studied to determine the degree of pretreatment necessary in order that the industrial waste will not adversely affect the sewerage facilities or the sewage treatment process. The permittee shall properly control any industrial waste discharge into its sewerage system by regulating the rate of such discharge, requiring necessary pretreatment, and excluding industrial waste, if necessary, to protect the integrity of the permittee's sewerage system.

TWENTY-ONE: Receipt of this permit does not relieve the permittee of its obligations to comply with all federal, interstate, state, or local laws, ordinances, and regulations applicable to the sewerage facilities authorized herein.

TWENTY-TWO: This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, title, easement, or interest in, on, to, or over any lands belonging to the Commonwealth.

DEPARTMENT OF ENVIRONMENTAL RESOURCES
STANDARD CONDITIONS RELATING TO EROSION CONTROL 1985
For Use in Water Quality Management Permits

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. If at any time the erosion and sedimentation activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

3. This permit does not authorize any earth disturbance controlled by an ordinance enacted by a local municipality. Additional permits must be secured from local municipalities where earthmoving activities are covered by local ordinances.

4. At least seven days before earthmoving will begin, the permittee, by telephone or certified mail, shall notify the Department or its designee of the date for beginning of construction and invite the County Conservation District Representative to attend a pre-construction conference with the contractor.

5. The permittee shall have his erosion control plan available at the site of the activity at all times. All earthmoving activities shall be undertaken in the manner set forth in the erosion and sedimentation control plan identified with this permit. Revisions to the plan shall be approved by the Department.

6. The erosion control measures and facilities shall be constructed under the supervision and competent inspection of an individual trained and experienced in erosion control, and in accordance with plans, designs and other data as herein approved or amended, and with the conditions of this permit. Control facilities shall be frequently inspected to insure effective control.

7. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the County Conservation District.

8. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the erosion and sedimentation measures and facilities for which this permit is issued, unless with the approval of the Department.

9. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. The sediment removed shall be handled and disposed of in a manner that will not create pollution problems and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

10. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

11. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

12. The responsibility of carrying out the permit conditions shall rest with the owner, lessee, assignee or other responsible manager of earthmoving that affects the approved erosion controls. Such responsibility passes with each control succession.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
1012 Water Street
Meadville, Pennsylvania 16335
Telephone: A. C. 814/724-8557
June 5, 1986

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburg Road
Butler, PA 16001

Dear Mr. Kirk:

Enclosed is the following document issued by the Department of Environmental Resources with respect to your plans to construct a sewer extension to serve the Able Country View Townhouse Estates located in Center Township, Butler County:

a. Sewerage Permit Number 1086402 issued by the Bureau of Water Quality Management.

The above document is the only permit or plan approval which will be required by the Department for this project. Please study the permit carefully and direct any questions which you may have to Mr. David Knorr, Facilities Section, Bureau of Water Quality Management, Telephone: A.C. 814/724-8550, whose office is located at the above address.

To become operative, this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate for this purpose and also a pre-addressed envelope in order that you may forward the certificate to the Bureau of Water Quality Management, Department of Environmental Resources, P. O. Box 2063, Harrisburg, Pennsylvania 17120. Please have the Recorder of Deeds accomplish the certificate and return it to the Bureau of Water Quality Management in Harrisburg within ten (10) days of receipt of this letter. Please note that you are not to return your permit to the Department.

If you have any questions or if we may be of further service, please do not hesitate to contact me.

Sincerely,

Richard H. Zinn
Regional Environmental
Protection Director

RHZ/MJM/pap

Enclosures

cc: Joseph O'Donnell, P.E.

PERMIT 1088407

SEWER EXTENSION FOR TIMBERIDGE SUBDIVISION

ER-E WQ-15-Rev. 11/85

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT NO. 1088407

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes, type of establishment

Sewer Extension

D. NAME OF PLANT, AREA SERVED, OUTFALL NO., ETC.

Timberidge Subdivision

E. THIS PERMIT APPROVES:

1. Plans For Construction Of: a. [X] ~~Pump Stations~~ Sewers and Appurtenances b. [ ] Sewage Treatment Facilities c. [ ] Industrial Wastes Treatment Facilities d. [ ] Injection Well e. [ ] Outfall & Headwall f. [ ] Stream Crossing g. [ ] Impoundment

2. The Discharge Of: N/A a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To: a. [ ] Surface Water b. [ ] Ground Water
N/A
Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. Preparedness, Prevention, Contingency (PPC) Plan [ ]
N/A

5. An Erosion and Sedimentation Control Plan [X]
Project Area is 15 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1088407 DATED 9/14/88 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED ---- . SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 13, 14, 16, 20, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1983 AND CONDITIONS NUMBERED All OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1985 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in which county the Facility is to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. §691.1 ET SEQ. AND/OR THE DAM SAFETY AND ENCROACHMENTS ACT OF NOVEMBER 26, 1978, P.L. 1375, AS AMENDED, 32 P.S. §693.1 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE DEC 9 - 1988

BY Jon E. Lester

Jon E. Lester, Acting Regional Water Quality Manager, Bureau of Water Quality Management
TITLE

VOL 1438 PAGE 0584

BUTLER AREA SEWER AUTHORITY
(TIMBERIDGE SUBDIVISION)
CENTER TOWNSHIP, BUTLER COUNTY
WQM PERMIT #1088407

ER-BWQ-69: Rev. 4/73

STATE OF PENNSYLVANIA }
} SS
COUNTY OF CRAWFORD }

On the 9th day of December in the year one thousand nine hundred and eighty-eight before me, the Subscriber, a Notary Public, came the above named Jon E. Lester, Acting Regional Water Quality Manager and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

MARILYN J. MILLER NOTARY PUBLIC COMMONWEALTH OF PENNSYLVANIA

Marilyn J. Miller
NOTARY PUBLIC

NOTARIAL SEAL
MARILYN J. MILLER, NOTARY PUBLIC
MEADVILLE, CRAWFORD COUNTY, PA
MY COMMISSION EXPIRES FEBRUARY 20, 1989

VOL 1438 PAGE 0586

DEPARTMENT OF ENVIRONMENTAL RESOURCES
STANDARD CONDITIONS RELATING TO EROSION CONTROL 1985
For Use in Water Quality Management Permits

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. If at any time the erosion and sedimentation activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

3. This permit does not authorize any earth disturbance controlled by an ordinance enacted by a local municipality. Additional permits must be secured from local municipalities where earthmoving activities are covered by local ordinances.

4. At least seven days before earthmoving will begin, the permittee, by telephone or certified mail, shall notify the Department or its designee of the date for beginning of construction and invite the County Conservation District Representative to attend a pre-construction conference with the contractor.

5. The permittee shall have his erosion control plan available at the site of the activity at all times. All earthmoving activities shall be undertaken in the manner set forth in the erosion and sedimentation control plan identified with this permit. Revisions to the plan shall be approved by the Department.

6. The erosion control measures and facilities shall be constructed under the supervision and competent inspection of an individual trained and experienced in erosion control, and in accordance with plans, designs and other data as herein approved or amended, and with the conditions of this permit. Control facilities shall be frequently inspected to insure effective control.

7. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the County Conservation District.

8. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the erosion and sedimentation measures and facilities for which this permit is issued, unless with the approval of the Department.

9. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. The sediment removed shall be handled and disposed of in a manner that will not create pollution problems and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

10. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

11. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

12. The responsibility of carrying out the permit conditions shall rest with the owner, lessee, assignee or other responsible manager of earthmoving that affects the approved erosion controls. Such responsibility passes with each control succession.

September 2, 1983

STANDARD CONDITIONS RELATING TO SEWERAGE - PART II PERMITS

ONE: During construction, no changes affecting any engineering design parameter shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

TWO: The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from injury by water, freezing, drying or other harmful conditions until cured.

THREE: Manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of the street wash or grit, and to provide convenient and safe means of access and maintenance.

FOUR: No stormwater from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

FIVE: The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and on-lot sewage disposal systems on the premises of occupied structures which are accessible to public sewers and require the connection of such structures to the public sewers.

SIX: The herein approved sewers shall be maintained in good condition, kept free from deposits by flushing or other proper means of cleaning, and repaired when necessary.

SEVEN: The permittee shall file with the Department of Environmental Resources "as-built" plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

EIGHT: The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to assure the proper mixing and waste assimilation an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of navigable stream, provided that the permittee has secured an easement, right-of-way, license, or lease from the Department in accordance with Section 15 of the Dam Safety and Encroachment Act, the Act of November 26, 1978, P.L. 1375, as amended.

NINE: The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

TEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

ELEVEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facility will individually and collectively perform the functions for which they were designed.

TWELVE: If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise the effluent from the said works ceases to be satisfactory or the sewerage facilities shall have created a public nuisance, then upon notice by the Department, the right herein granted shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory.

THIRTEEN: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper portions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and legible character and shall provide for the thorough instruction of all employees concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

FOURTEEN: Cross connections between the potable water supply and the sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

FIFTEEN: This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installled and are capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with either the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1956, P.L. 1535, as amended, or a comprehensive Water Quality Management Plan as set forth in Section 91.31 of the Rules and Regulations of the Department. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of the herein-approved facilities and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

SIXTEEN: The permittee shall construct the sewerage facilities in a manner compatible with good conservation methods in order to minimize the adverse effect on the environment.

SEVENTEEN: The local waterways patrolman of the Pennsylvania Fish Commission shall be notified when the construction of a stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolman when explosives are to be used.

EIGHTEEN: If future operations by the Commonwealth of Pennsylvania require modifications of the stream crossing and/or outfall, or there shall be unreasonable obstruction to the free passage of floods or navigation from the stream crossing and/or outfall, permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the water-course to its former condition. No claims shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

NINETEEN: The sewage treatment plant shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Waterworks Operators' Certification Act, the Act of November 18, 1968, P.L. 1217, as amended.

TWENTY: All industrial waste discharged or proposed for discharge into the sewer system shall be studied to determine the degree of pretreatment necessary in order that the industrial waste will not adversely affect the sewerage facilities or the sewage treatment process. The permittee shall properly control any industrial waste discharge into its sewerage system by regulating the rate of such discharge, requiring necessary pretreatment, and excluding industrial waste, if necessary, to protect the integrity of the permittee's sewerage system.

TWENTY-ONE: Receipt of this permit does not relieve the permittee of its obligations to comply with all federal, interstate, state, or local laws, ordinances, and regulations applicable to the sewerage facilities authorized herein.

TWENTY-TWO: This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, title, easement, or interest in, on, to, or over any lands belonging to the Commonwealth.

PERMIT 1089403

SEWER EXTENSION FOR BENBROOK FIELDS SUBDIVISION

ER-BWQ-15-Rev. 11/85

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT NO. 1089403

A. PERMITTEE (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Center Township
County: Butler

C. TYPE OF FACILITY (For industrial wastes, type of establishment)

Sewer Extension

D. NAME OF PLANT, AREA SERVED, OUTFALL NO., ETC.

Benbrook Fields Subdivision

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Injection Well
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: N/A
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To:
   a. [ ] Surface Water
   b. [ ] Ground Water
   N/A
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. Preparedness, Prevention, Contingency (PPC) Plan [ ]
   N/A

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is _____ Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1089403 DATED 7/6/88 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 3/16/89 & 7/21/89. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 13, 14, 16, 20, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1983 AND CONDITIONS NUMBERED All OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1985 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in which county the Facility is to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. §691.1 ET SEQ. AND/OR THE DAM SAFETY AND ENCROACHMENTS ACT OF NOVEMBER 26, 1978, P.L. 1375, AS AMENDED, 32 P.S. §693.1 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE SEP 7 - 1989

BY David E. Milhous

David E. Milhous, P.E.
TITLE Regional Water Quality Manager
Meadville Regional Office

BK1483 PG0395

ER-BWQ-69: Rev. 4/73

STATE OF PENNSYLVANIA }
} SS
COUNTY OF CRAWFORD }

On the 7th day of September in the year one thousand nine hundred and eighty-nine before me, the Subscriber, a Notary Public, came the above named
David E. Milhous, P.E., Regional Water Quality Manager, Meadville Regional Office

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Marilyn J. Miller.
NOTARY PUBLIC

NOTARIAL SEAL
MARILYN J. MILLER, NOTARY PUBLIC
MEADVILLE, CRAWFORD COUNTY, PA
MY COMMISSION EXPIRES FEBRUARY 20, 1993

BUTLER COUNTY
PENNSYLVANIA SS
Recorded in the Recorder's Office of said County on the 11 day of Sept. A.D., 1989 in Deed Book No. 1483-395. Witness my hand and the seal of said Office

Recorder

MAIL TO:
Richard L. McCandless Esq
128 W. Cunningham St.
Butler PA 16001

MARILYN J. MILLER
COMMONWEALTH OF PENNSYLVANIA
NOTARY PUBLIC

RECORDER OF DEEDS
BUTLER COUNTY, PA

PERMIT 363S4

LEWIS AVENUE SEWER OF THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
P. O. BOX 90
HARRISBURG

Butler Township
Butler County

FEB 27 1963

CERTIFIED MAIL

The Northwest Sanitary Sewer System Authority
312 Mellon Bank
Butler, Pennsylvania

SUBJECT: Sewerage Permit No. 36384
ATT: Edgar M. Brinker, Chairman

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law, authorized the issuance of the above permit.

We trust the provisions of the permit are clear. If you have any questions, please contact the Regional Sanitary Engineer in your area.

Very truly yours,

Walter V. Kohler, Chief
Staff Services Section
Division of Sanitary Engineering

WVK:hr
Enclosures

Permit
Standard Cond.

PROPOSED SANITARY SEWERS

THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

SUMMARY REPORT TO ACCOMPANY

APPLICATION FOR
SANITARY WATER BOARD PERMIT

NOVEMBER, 1962

GREENOUGH AND GREENOUGH, INCORPORATED

DUNCAN, LAGNESE AND ASSOCIATES

SUMMARY REPORT
PROPOSED SANITARY SEWERS
THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY
BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

I. Relevant Sanitary Water Board Permit

For the Lewis Avenue Sewer, to which is to be connected a proposed trunk sewer, a Sanitary Water Board Permit, Number 9418-S, was granted Butler Township at the Board's meeting of October 28-29, 1959. For the proposed renovations and additions to the City of Butler Sewage Treatment Plant and proposed new interceptor sewers, a Sanitary Water Board Permit, Number 9817-S, was granted the City of Butler at the Board's meeting of November 17-18, 1960.

II. General Conditions

(1) Location

The service area of the Northwest Authority is located in the northern part of the Township to the north-west of the City of Butler, encompassing an area of approximately 1470 acres. Refer to PLATE II.

(2) Topography

The topography of this general area consists of rolling land broken up by valleys. The area consists of two sub-drainage areas, both of which are tributary to Connoquesnessing Creek. The larger sub-drainage area of approximately 1120 acres drains to Sullivan Run. The smaller sub-drainage area of approximately 350 acres is drained by an un-named stream which, just south of Fairground Hill Road, follows Routes 10046 and 10111 to its confluence with Connoquesnessing Creek.

(3) Population

The present residential population of this area is approximately 2000, most of whom reside in developed areas such as Castle Heights, Campbell Acres, Westwood Manor, Evergreen Plan, Holt Plan, McCandless-Staley Plan, Duncan Plan, Young Plan, Acre Plan and along Whitestown Road. The proposed sewers will serve approximately 1880 persons, initially.

Because of the size and nature of the service area of the Northwest Authority, forecasts of population of the distant future for this area would be of little significance. It can be anticipated, however, that residential development in this area for the next five year period will average approximately 30 units

per year. With this normal development, it can therefore be estimated that the population for this area will increase to 2600 by 1968. Beyond that, no estimate of reasonable accuracy can now be made. Based on present land use practices and prevailing topography of the area, the ultimate population for this area could approach 8000.

Based on United States Census figures, the entire population of Butler Township was 15,219 in 1960. It is now estimated that the present population for all of the Township is now 15,000.

(4) Water Supply

The water supply for this area is served by the Butler Water Company.

(5) Industrial Wastes

There will be no industrial waste discharges to the proposed sewer system.

III. Existing Sewage Treatment Plant

Sewage Treatment Service for the proposed sewers is to be provided by the City of Butler Sewage Treatment Plant. As is now planned, the City's Sewage Treatment Plant, and the existing sewer systems of both the Township and the City, are to be conveyed to a Joint Authority having representatives of both the Township and the City who will expand and modernize existing facilities and thereafter operate and maintain the entire sewerage system serving both the City and the Township. The existing sewage treatment plant for the City of Butler is located in Butler Township along Route 8 approximately one mile south of Butler as is shown on PLATE II. This treatment plant is of the complete treatment type consisting of primary clarifiers, trickling filters, final clarifiers, digesters, covered sludge drying beds, pumping facilities, chlorination facilities and laboratory. According to studies and reports by Chester Engineers, Consulting Engineers for the City of Butler, the average dry weather flow to the plant is approximately 3.0 MGD, of which it is estimated that about 15 per cent is contributed from the Township.

For the proposed Improvement Project of the Joint Authority for which a permit has already been granted by the Sanitary Water Board (See Section I of this Report), it is proposed that the existing treatment plant be provided new primary treatment components and sludge handling equip ment together with other miscellaneous alterations, such that the plants' capacity will be increased to approximately 5.0 MGD. This project will also provide for the construction of improvements and additions to the interceptor sewer system.

IV. Proposed Sanitary Sewer System

General

The proposed sewer system for the Northwest Area will initially serve 471

residential dwelling units, 20 separate commercial establishments and the Point Shopping Center, and will consist of approximately 67,000 feet of 8-inch sewers and 5,200 feet of 12-inch sewers. A layout of the proposed sewer system is shown on PLATE I.

Basis of Design

The gravity sewers have been designed on the basis of an average flow of 100 gallons per capita per day (gpcd) and a peak flow of 400 gpcd for lateral sewers and 250 gpcd for trunk sewers. The 12-inch trunk sewer for the Sullivan Run sub-drainage area, (the largest sub-drainage area) will connect to an existing 12-inch sewer at the corner of Highland Avenue and Isabella Street in Butler. The 8-inch trunk sewers for the small sub-drainage area, will connect to an existing 10-inch sewer, known as the Lewis Avenue Sewer, just west of the new high school.

The basis of design for the trunk sewers is summarized as follows:

	Area (Acres)	Ult. Pop.	Peak Flow (MGD)	Sewer Size (Inches)	Min. Slope %	Cap. (MGD)
Large Area Trunk	1120	5600	1.30	12	.05	1.5
Small Area Trunks						
Along Spring Street	150	900	.23	8	1.25	0.8
Along Pierce Ave.	200	1200	.30	8	1.67	0.9

PERMIT 363S4-T1

TRANSFER OF LEWIS AVENUE SEWER OF THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 363S4-T1

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY

Sewer Extension

D. NAME OF MINE OR AREA SERVED

Northwest Section of Butler Township

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] ~~XXXXXXXXXX~~; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 363S4-T1 DATED February 27, 1963, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 9, 10, 11, 13, 14, 15, 18, 25 and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED _____ WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE MAY -2 1973 BOOK 968 PAGE 867

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Howard G. Luley

TITLE Howard G. Luley, P.E. Regional Sanitary Engineer

Sewerage Application No. 363S4-T1
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA }
COUNTY OF } SS Howard G. Luley

On the 2nd day of May in the year one thousand nine hundred and seventy-two before me, the Subscriber, a Notary Public, came the above named Howard G. Luley and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

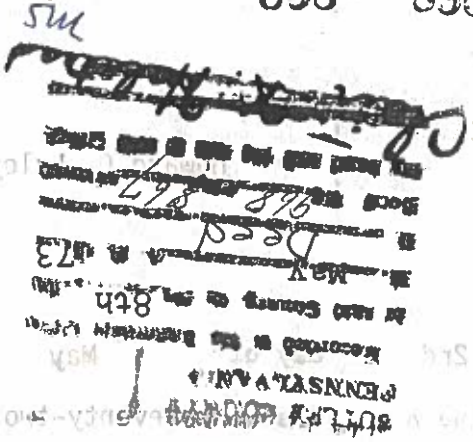
Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 968 PAGE 868

RECORDED MAY 8, 1973 CLAIR K. HALSTEAD, RECORDER

BOOK 868 PAGE 869



3615

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 5.00

MAY 8 9 28 AM '73

Com. of Pa.
Dept. of Environmental
Resources
to
Butler Area Sewer Auth.
Sewerage Permit
Butler Pa.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Northwest Sewer System Authority

Certified Mail

Mr. Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

MAY -2 1973

original date 2/27/63

SUBJECT: Sewerage Permit No. 363S4-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

Mr. Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

MAY - 2 1973

SUBJECT: Sewerage Permit No. 3635-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: AUGUST 8, 1972

2. NAME OF PRESENT PERMITTEE: THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

3. MAILING ADDRESS: 114 EAST DIAMOND ST., BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
36384		FEBRUARY 27, 1963	BUTLER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD, BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

14. SIGNATURE OF PRESENT PERMITTEE: X Edgar M. Brinker

15. TITLE: CHAIRMAN

16. DATE: AUGUST 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I EDGAR M. BRINKER, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE X Edgar M. Brinker

22. THIS 5th DAY OF Sept 1972

21. TITLE CHAIRMAN, THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

Robert W. Ross
(NOTARY PUBLIC)

MY COMMISSION EXPIRES 11-5-75

STATEMENT OF ACCEPTANCE OF PERMIT

23. ☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

WE, BUTLER AREA SEWER AUTHORITY ☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD

BUTLER, PA. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO

AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
Charles G. Winters	CHAIRMAN	AUGUST 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I CHARLES G. WINTERS BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I (~~AM THE APPLICANT~~) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE Charles G. Winters

32. TITLE CHAIRMAN, BUTLER AREA SEWER AUTHORITY

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 14th DAY OF Aug 19 72

Dorothy V. Heim
(NOTARY PUBLIC)
DOROTHY V. HEIM, Notary Public
Butler, Penna.
My Commission Expires
January 7, 1975

MY COMMISSION EXPIRES

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: Aug. 8, 1972

2. NAME OF PRESENT PERMITTEE: The Northwest Sanitary Sewer System Authority

3. MAILING ADDRESS: 114 East Diamond Street, Butler, Pa. 16001 | COUNTY: Butler | STATE: PA.

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A ☒ SEWERAGE ☐ INDUSTRIAL WASTE ☐ WATER SUPPLY ☐ BATHING PLACE PERMIT

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
36354		Feb. 27, 1963	Butler Township	Butler

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP ☒ YES ☐ NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT ☐ YES ☐ NO

11. THE ORIGINAL PERMIT IS ☒ ATTACHED ☐ CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: Butler Area Sewer Authority

13. MAILING ADDRESS: 125 Pittsburgh Road, Butler, Pa. 16001 | COUNTY: Butler | STATE: Pa.

14. SIGNATURE OF PRESENT PERMITTEE

15. TITLE: Chairman | 16. DATE: Aug. 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF Butler SS

19. I Edgar M. Brinker, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT ~~I AM THE APPLICANT~~ I AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (~~HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT~~) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

22. THIS _____ DAY OF _____ 19

_____
(NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

20. SIGNATURE _____

21. TITLE Chairman
The Northwest Sanitary Sewer System Authority.

STATEMENT OF ACCEPTANCE OF PERMIT

23. ~~I~~ WE, Butler area Sewer authority

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 Pittsburgh Road, Butler, Pa. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
	Chairman	Aug. 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF Butler SS

30. I Charles G. Winters BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT~~, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Don't cross this out,

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE _____

32. TITLE Chairman, Butler area Sewer authority

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS _____ DAY OF _____ 19 ___

_____ (NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE _____

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
P. O. BOX 90
HARRISBURG

Butler Township
Butler County

FEB 27 1963

CERTIFIED MAIL

The Northwest Sanitary Sewer System Authority
312 Mellon Bank
Butler, Pennsylvania

SUBJECT: Sewerage Permit No. 36384
ATT: Edgar M. Brinker, Chairman

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law, authorized the issuance of the above permit.

We trust the provisions of the permit are clear. If you have any questions, please contact the Regional Sanitary Engineer in your area.

Very truly yours,

Walter V. Kohler, Chief
Staff Services Section
Division of Sanitary Engineering

WVK:hr
Enclosures

Permit
Standard Cond.

PROPOSED SANITARY SEWERS

THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

SUMMARY REPORT TO ACCOMPANY

APPLICATION FOR
SANITARY WATER BOARD PERMIT

NOVEMBER, 1962

GREENOUGH AND GREENOUGH, INCORPORATED

DUNCAN, LAGNESE AND ASSOCIATES

SUMMARY REPORT
PROPOSED SANITARY SEWERS
THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY
BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

I. Relevant Sanitary Water Board Permit

For the Lewis Avenue Sewer, to which is to be connected a proposed trunk sewer, a Sanitary Water Board Permit, Number 9418-S, was granted Butler Township at the Board's meeting of October 28-29, 1959. For the proposed renovations and additions to the City of Butler Sewage Treatment Plant and proposed new interceptor sewers, a Sanitary Water Board Permit, Number 9817-S, was granted the City of Butler at the Board's meeting of November 17-18, 1960.

II. General Conditions

(1) Location

The service area of the Northwest Authority is located in the northern part of the Township to the north-west of the City of Butler, encompassing an area of approximately 1470 acres. Refer to PLATE II.

(2) Topography

The topography of this general area consists of rolling land broken up by valleys. The area consists of two sub-drainage areas, both of which are tributary to Connoquesnessing Creek. The larger sub-drainage area of approximately 1120 acres drains to Sullivan Run. The smaller sub-drainage area of approximately 350 acres is drained by an un-named stream which, just south of Fairground Hill Road, follows Routes 10046 and 10111 to its confluence with Connoquesnessing Creek.

(3) Population

The present residential population of this area is approximately 2000, most of whom reside in developed areas such as Castle Heights, Campbell Acres, Westwood Manor, Evergreen Plan, Holt Plan, McCandless-Staley Plan, Duncan Plan, Young Plan, Acre Plan and along Whitestown Road. The proposed sewers will serve approximately 1880 persons, initially.

Because of the size and nature of the service area of the Northwest Authority, forecasts of population of the distant future for this area would be of little significance. It can be anticipated, however, that residential development in this area for the next five year period will average approximately 30 units

per year. With this normal development, it can therefore be estimated that the population for this area will increase to 2600 by 1968. Beyond that, no estimate of reasonable accuracy can now be made. Based on present land use practices and prevailing topography of the area, the ultimate population for this area could approach 8000.

Based on United States Census figures, the entire population of Butler Township was 15,219 in 1960. It is now estimated that the present population for all of the Township is now 15,000.

(4) Water Supply

The water supply for this area is served by the Butler Water Company.

(5) Industrial Wastes

There will be no industrial waste discharges to the proposed sewer system.

III. Existing Sewage Treatment Plant

Sewage Treatment Service for the proposed sewers is to be provided by the City of Butler Sewage Treatment Plant. As is now planned, the City's Sewage Treatment Plant, and the existing sewer systems of both the Township and the City, are to be conveyed to a Joint Authority having representatives of both the Township and the City who will expand and modernize existing facilities and thereafter operate and maintain the entire sewerage system serving both the City and the Township. The existing sewage treatment plant for the City of Butler is located in Butler Township along Route 8 approximately one mile south of Butler as is shown on PLATE II. This treatment plant is of the complete treatment type consisting of primary clarifiers, trickling filters, final clarifiers, digesters, covered sludge drying beds, pumping facilities, chlorination facilities and laboratory. According to studies and reports by Chester Engineers, Consulting Engineers for the City of Butler, the average dry weather flow to the plant is approximately 3.0 MGD, of which it is estimated that about 15 per cent is contributed from the Township.

For the proposed Improvement Project of the Joint Authority for which a permit has already been granted by the Sanitary Water Board (See Section I of this Report), it is proposed that the existing treatment plant be provided new primary treatment components and sludge handling equip ment together with other miscellaneous alterations, such that the plants' capacity will be increased to approximately 5.0 MGD. This project will also provide for the construction of improvements and additions to the interceptor sewer system.

IV. Proposed Sanitary Sewer System

General

The proposed sewer system for the Northwest Area will initially serve 471

residential dwelling units, 20 separate commercial establishments and the Point Shopping Center, and will consist of approximately 67,000 feet of 8-inch sewers and 5,200 feet of 12-inch sewers. A layout of the proposed sewer system is shown on PLATE I.

Basis of Design

The gravity sewers have been designed on the basis of an average flow of 100 gallons per capita per day (gpcd) and a peak flow of 400 gpcd for lateral sewers and 250 gpcd for trunk sewers. The 12-inch trunk sewer for the Sullivan Run sub-drainage area, (the largest sub-drainage area) will connect to an existing 12-inch sewer at the corner of Highland Avenue and Isabella Street in Butler. The 8-inch trunk sewers for the small sub-drainage area, will connect to an existing 10-inch sewer, known as the Lewis Avenue Sewer, just west of the new high school.

The basis of design for the trunk sewers is summarized as follows:

	Area (Acres)	Ult. Pop.	Peak Flow (MGD)	Sewer Size (Inches)	Min. Slope %	Cap. (MGD)
Large Area Trunk	1120	5600	1.30	12	.05	1.5
Small Area Trunks						
Along Spring Street	150	900	.23	8	1.25	0.8
Along Pierce Ave.	200	1200	.30	8	1.67	0.9

PERMIT 364S23

SEWER EXTENSION FOR WOODBURY ESTATES, NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania
June 30, 1964

CERTIFIED MAIL

Northwest Sanitary Sewer System Authority
Butler Township, Butler County

Northwest Sanitary Sewer System Authority
114 East Diamond Street
Butler, Pennsylvania 16001

Attn: Mr. Edgar M. Brinker, Chairman
Subject: Sewerage Permit #364S23

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

J. K. Harvey, Jr.

Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Permittee's Representative
CC: File

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 364S23

2. PERMITTEE THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY
3. MAILING ADDRESS 114 East Diamond Street, Butler, Pennsylvania 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE Woodbury Estates - Plan of Lots
8. IN (MUNICIPALITY) Butler Township 9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

44. APPLICATION ~~approved~~ 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27.
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY J. R. Harvey
46. TITLE Regional Engineer
47. DATE 6-30-64

PERMITTEE'S REPRESENTATIVE

BUTLER, PA.
PHONE 75538

GREENOUGH & GREENOUGH, INC.

Registered Professional Engineers

114 EAST DIAMOND STREET
BUTLER, PENNA.

June 25, 1964

Mr. James R. Harvey
Regional Sanitary Engineer
Region III - Pa. Department of Health
996 South Main Street
Meadville, Pennsylvania 16335

Dear Mr. Harvey:

Pursuant to our telephone conversation, June 24, 1964, I am submitting a sewerage application and construction drawings for an extension to " The Northwest Sanitary Sewer System ", Butler Township, Butler County, Pennsylvania, to serve 108 lots in the Woodbury Estates Plan of Lots.

The ultimate population to be served by this extension will be 432 persons with a design loading of 43,200 g.p.d. The trunk line that will carry the above volume has more than sufficient capacity as cited in the " Summary Report " submitted November, 1962 for the Northwest Sanitary Sewer System Authority and confirmed by the "Sewer Permit 363 S4", issued February 27, 1963.

Please find enclosed the following:

1. Five (5) copies of the Sewerage Application
2. A check for $25.00 for filing and processing
3. One set of revised specifications of the Northwest Sanitary Sewer System Authority for your files. The proposed construction, by written agreement between the owners of Woodbury Estates and the Northwest Authority, will be done in accordance with the enclosed specifications using "Premium Joint" pipe for all construction.

I am submitting under separate cover two (2) sets of the construction drawings. You will note on the second sheet of six, the location of Woodbury Estates relative to the trunk lines constructed by the Northwest Sanitary Sewer System Authority.

Respectfully submitted,
William D. Greenough
William D. Greenough, R.P.E.
GREENOUGH & GREENOUGH, INC.

PERMIT 364S24

SEWER EXTENSION FOR MEADOWOOD PLAN, SOUTH BUTLER TOWNSHIP SEWER SYSTEM AUTHORITY

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania
July 9, 1964

CERTIFIED MAIL

South Butler Township Sewer System Authority
Butler Township, Butler County

South Butler Township Sewer System Authority
114 East Diamond Street
Butler, Pennsylvania 16001
ATTN: Mr. Charles H. Thompson, Chairman

Subject: Sewerage Permit #364824

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

J. R. Harvey, Jr.
Regional Sanitary Engineer
Region III

Enclosures - Permit
Standard Conditions

JRH/f
CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Permittee's Representative
CC: File

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 364524

2. PERMITTEE
3. MAILING ADDRESS: SOUTH BUTLER TOWNSHIP SEWER SYSTEM AUTHORITY

114 East Diamond Street Butler, Pennsylvania 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] INTERMITTENT
- [ ] EMERGENCY
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] INTERMEDIATE
- [ ] PRIMARY
- [ ] NONE

7. TO SERVE: Meadowood - Plan of Lots
8. IN (MUNICIPALITY): Butler Township
9. COUNTY: Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

44. APPLICATION APPROVED 1,2,3,4,5,6,9,10,11,14,15,17,18 & 27.
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY _____

46. TITLE _____

47. DATE _____

PERMITTEE'S REPRESENTATIVE

PERMIT 364S23-T1

TRANSFER OF SEWER EXTENSION FOR WOODBURY ESTATES, NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 364S23-T1

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY

Sewer Extension

D. NAME OF MINE OR AREA SERVED

Woodbury Estates

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] ~~XXXXXXXXX~~; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 364S23-T1 DATED June 30, 1964, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED _____ WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE MAY -2 1973 BOOK 968 PAGE 858 BY

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Howard G. Luley

Howard G. Luley, P.E.
TITLE Regional Sanitary Engineer

Sewerage Application No. 3648233-T1
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA }
COUNTY OF } SS Howard G. Luley

On the 2nd day of May in the year one thousand nine hundred and seventy-two before me, the Subscriber, a Notary Public, came the above named

Howard G. Luley

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 968 PAGE 859

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

MAY - 2 1973

Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

Woodbury Estates

original date 6/30/64

SUBJECT: Sewerage Permit No. 364S23-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: AUGUST 8, 1972

2. NAME OF PRESENT PERMITTEE
THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

3. MAILING ADDRESS: 114 EAST DIAMOND ST., BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A ☒ SEWERAGE ☐ INDUSTRIAL WASTE ☐ WATER SUPPLY ☐ BATHING PLACE PERMIT

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
364823		JUNE 30, 1964	BUTLER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP ☒ YES ☐ NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT ☐ YES ☐ NO

11. THE ORIGINAL PERMIT IS ☒ ATTACHED ☐ CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT
BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD, BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

14. SIGNATURE OF PRESENT PERMITTEE: X Edgar M. Brinker

15. TITLE: CHAIRMAN | 16. DATE: AUGUST 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I EDGAR M. BRINKER, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE: X Edgar M. Brinker

22. THIS 5th DAY OF Sept 19 72

21. TITLE: CHAIRMAN
THE NORTHWEST SANITARY
SEWER SYSTEM AUTHORITY

(NOTARY PUBLIC)

MY COMMISSION EXPIRES 4-5-75

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: Aug. 8, 1972

2. NAME OF PRESENT PERMITTEE: The Northwest Sanitary Sewer System Authority

3. MAILING ADDRESS: 114 East Diamond Street, Butler, Pa. 16001 — COUNTY: Butler — STATE: Pa.

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
3645 23		June 30, 1964	Butler Township	Butler

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP — [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT — [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS — [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: Butler Area Sewer Authority

13. MAILING ADDRESS: 125 Pittsburgh Road, Butler, Pa. 16001 — COUNTY: Butler — STATE: Pa.

14. SIGNATURE OF PRESENT PERMITTEE

15. TITLE: Chairman

16. DATE: Aug. 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF Butler SS

19. I Edgar M. Brinker, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT ~~I AM THE APPLICANT~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(I HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

22. THIS _____ DAY OF _____ 19

_____ (NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

20. SIGNATURE _____

21. TITLE Chairman

The Northwest Sanitary Sewer System Authority

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania
June 30, 1964

CERTIFIED MAIL

Northwest Sanitary Sewer System Authority
Butler Township, Butler County

Northwest Sanitary Sewer System Authority
114 East Diamond Street
Butler, Pennsylvania 16001

Attn: Mr. Edgar M. Brinker, Chairman
Subject: Sewerage Permit #364S23

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

J. L. Harvey, Jr.
Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Permittee's Representative
CC: File

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 364S23

2. PERMITTEE THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY
3. MAILING ADDRESS 114 East Diamond Street, Butler, Pennsylvania 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE Woodbury Estates - Plan of Lots
8. IN (MUNICIPALITY) Butler Township 9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

44. APPLICATION ~~approved~~ 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27.
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY J R Harvey
46. TITLE Regional Engineer
47. DATE 6-30-64

PERMITTEE'S REPRESENTATIVE

BUTLER, PA.
PHONE 75538

GREENOUGH & GREENOUGH, INC.

Registered Professional Engineers

114 EAST DIAMOND STREET
BUTLER, PENNA.

June 25, 1964

Mr. James R. Harvey
Regional Sanitary Engineer
Region III - Pa. Department of Health
996 South Main Street
Meadville, Pennsylvania 16335

Dear Mr. Harvey:

Pursuant to our telephone conversation, June 24, 1964, I am submitting a sewerage application and construction drawings for an extension to " The Northwest Sanitary Sewer System ", Butler Township, Butler County, Pennsylvania, to serve 108 lots in the Woodbury Estates Plan of Lots.

The ultimate population to be served by this extension will be 432 persons with a design loading of 43,200 g.p.d. The trunk line that will carry the above volume has more than sufficient capacity as cited in the " Summary Report " submitted November, 1962 for the Northwest Sanitary Sewer System Authority and confirmed by the "Sewer Permit 363 S4", issued February 27, 1963.

Please find enclosed the following:

1. Five (5) copies of the Sewerage Application
2. A check for $25.00 for filing and processing
3. One set of revised specifications of the Northwest Sanitary Sewer System Authority for your files. The proposed construction, by written agreement between the owners of Woodbury Estates and the Northwest Authority, will be done in accordance with the enclosed specifications using "Premium Joint" pipe for all construction.

I am submitting under separate cover two (2) sets of the construction drawings. You will note on the second sheet of six, the location of Woodbury Estates relative to the trunk lines constructed by the Northwest Sanitary Sewer System Authority.

Respectfully submitted,
William D. Greenough
William D. Greenough, R.P.E.
GREENOUGH & GREENOUGH, INC.

PERMIT 363S4-T1

TRANSFER OF LEWIS AVENUE SEWER OF THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 363S4-T1

A. PERMITTEE: (Name and Address)	B. PROJECT LOCATION
Butler Area Sewer Authority 125 Pittsburgh Road Butler, Penna. 16001	Municipality Butler Township County Butler
C. TYPE OF FACILITY	D. NAME OF MINE OR AREA SERVED
Sewer Extension	Northwest Section of Butler Township

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] ~~XXXXXXXXXX~~; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 363S4-T1 DATED February 27, 1963, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 9, 10, 11, 13, 14, 15, 18, 25 and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED _____ WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE MAY -2 1973 BOOK 968 PAGE 867

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Howard G. Luley

TITLE Howard G. Luley, P.E. Regional Sanitary Engineer

Sewerage Application No. 363S4-T1
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA }
COUNTY OF } SS Howard G. Luley

On the 2nd day of May in the year one thousand nine hundred and seventy-two before me, the Subscriber, a Notary Public, came the above named Howard G. Luley and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

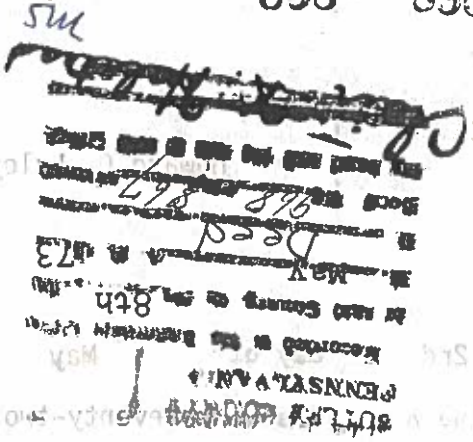
Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 968 PAGE 868

RECORDED MAY 8, 1973 CLAIR K. HALSTEAD, RECORDER

BOOK 868 PAGE 869



MAY 8 9 28 AM '73

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ ----

3615

961-86

Com. of Pa.
Dept. of Environmental
Resources
to
Butler Area Sewer Auth.
Sewerage Permit
Butler Pa.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Northwest Sewer System Authority

Certified Mail

Mr. Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

MAY -2 1973

original date 2/27/63

SUBJECT: Sewerage Permit No. 363S4-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

Mr. Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

MAY - 2 1973

SUBJECT: Sewerage Permit No. 3635-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: AUGUST 8, 1972

2. NAME OF PRESENT PERMITTEE: THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

3. MAILING ADDRESS: 114 EAST DIAMOND ST., BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
36384		FEBRUARY 27, 1963	BUTLER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD, BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

14. SIGNATURE OF PRESENT PERMITTEE: X Edgar M. Brinker

15. TITLE: CHAIRMAN

16. DATE: AUGUST 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I EDGAR M. BRINKER, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE X Edgar M. Brinker

22. THIS 5th DAY OF Sept 1972

21. TITLE CHAIRMAN THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

Robert W. Ross
(NOTARY PUBLIC)

MY COMMISSION EXPIRES 11-5-75

STATEMENT OF ACCEPTANCE OF PERMIT

23. WE, BUTLER AREA SEWER AUTHORITY

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD BUTLER, PA. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
Charles G. Winters	CHAIRMAN	AUGUST 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I CHARLES G. WINTERS BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I (~~AM THE APPLICANT~~) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE Charles G. Winters

32. TITLE CHAIRMAN, BUTLER AREA SEWER AUTHORITY

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 14th DAY OF Aug 19 72

Dorothy V. Heim
(NOTARY PUBLIC)
DOROTHY V. HEIM, Notary Public
Butler, Penna.
My Commission Expires
January 7, 1975

MY COMMISSION EXPIRES

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY) HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE

H710.033 REV. 1-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: Aug. 8, 1972

2. NAME OF PRESENT PERMITTEE: The Northwest Sanitary Sewer System Authority

3. MAILING ADDRESS: 114 East Diamond Street, Butler, Pa. 16001 COUNTY: Butler STATE: PA.

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A ☒ SEWERAGE ☐ INDUSTRIAL WASTE ☐ WATER SUPPLY ☐ BATHING PLACE PERMIT

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
36354		Feb. 27, 1963	Butler Township	Butler

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP ☒ YES ☐ NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT ☐ YES ☐ NO

11. THE ORIGINAL PERMIT IS ☒ ATTACHED ☐ CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: Butler Area Sewer Authority

13. MAILING ADDRESS: 125 Pittsburgh Road, Butler, Pa. 16001 COUNTY: Butler STATE: Pa.

14. SIGNATURE OF PRESENT PERMITTEE

15. TITLE: Chairman

16. DATE: Aug. 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF Butler SS

19. I Edgar M. Brinker, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT ~~I AM THE APPLICANT~~ I AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (~~HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT~~) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

22. THIS _____ DAY OF _____ 19

_____
(NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

20. SIGNATURE _____

21. TITLE Chairman
The Northwest Sanitary Sewer System Authority.

STATEMENT OF ACCEPTANCE OF PERMIT

23. ~~I~~ WE, Butler area Sewer authority

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 Pittsburgh Road, Butler, Pa. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE Chairman	27. DATE Aug. 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF Butler SS

30. I Charles G. Winters BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT~~, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ← Don't cross this out,

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE _____

32. TITLE Chairman, Butler area Sewer authority

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS _____ DAY OF _____ 19 ___

_____ (NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE _____

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
P. O. BOX 90
HARRISBURG

Butler Township
Butler County

FEB 27 1963

CERTIFIED MAIL

The Northwest Sanitary Sewer System Authority
312 Mellon Bank
Butler, Pennsylvania

SUBJECT: Sewerage Permit No. 36384
ATT: Edgar M. Brinker, Chairman

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law, authorized the issuance of the above permit.

We trust the provisions of the permit are clear. If you have any questions, please contact the Regional Sanitary Engineer in your area.

Very truly yours,

Walter V. Kohler, Chief
Staff Services Section
Division of Sanitary Engineering

WVK:hr
Enclosures

Permit
Standard Cond.

PROPOSED SANITARY SEWERS

THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY

BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

SUMMARY REPORT TO ACCOMPANY

APPLICATION FOR
SANITARY WATER BOARD PERMIT

NOVEMBER, 1962

GREENOUGH AND GREENOUGH, INCORPORATED

DUNCAN, LAGNESE AND ASSOCIATES

SUMMARY REPORT
PROPOSED SANITARY SEWERS
THE NORTHWEST SANITARY SEWER SYSTEM AUTHORITY
BUTLER TOWNSHIP, BUTLER COUNTY, PENNSYLVANIA

I. Relevant Sanitary Water Board Permit

For the Lewis Avenue Sewer, to which is to be connected a proposed trunk sewer, a Sanitary Water Board Permit, Number 9418-S, was granted Butler Township at the Board's meeting of October 28-29, 1959. For the proposed renovations and additions to the City of Butler Sewage Treatment Plant and proposed new interceptor sewers, a Sanitary Water Board Permit, Number 9817-S, was granted the City of Butler at the Board's meeting of November 17-18, 1960.

II. General Conditions

(1) Location

The service area of the Northwest Authority is located in the northern part of the Township to the north-west of the City of Butler, encompassing an area of approximately 1470 acres. Refer to PLATE II.

(2) Topography

The topography of this general area consists of rolling land broken up by valleys. The area consists of two sub-drainage areas, both of which are tributary to Connoquesnessing Creek. The larger sub-drainage area of approximately 1120 acres drains to Sullivan Run. The smaller sub-drainage area of approximately 350 acres is drained by an un-named stream which, just south of Fairground Hill Road, follows Routes 10046 and 10111 to its confluence with Connoquesnessing Creek.

(3) Population

The present residential population of this area is approximately 2000, most of whom reside in developed areas such as Castle Heights, Campbell Acres, Westwood Manor, Evergreen Plan, Holt Plan, McCandless-Staley Plan, Duncan Plan, Young Plan, Acre Plan and along Whitestown Road. The proposed sewers will serve approximately 1880 persons, initially.

Because of the size and nature of the service area of the Northwest Authority, forecasts of population of the distant future for this area would be of little significance. It can be anticipated, however, that residential development in this area for the next five year period will average approximately 30 units

per year. With this normal development, it can therefore be estimated that the population for this area will increase to 2600 by 1968. Beyond that, no estimate of reasonable accuracy can now be made. Based on present land use practices and prevailing topography of the area, the ultimate population for this area could approach 8000.

Based on United States Census figures, the entire population of Butler Township was 15,219 in 1960. It is now estimated that the present population for all of the Township is now 15,000.

(4) Water Supply

The water supply for this area is served by the Butler Water Company.

(5) Industrial Wastes

There will be no industrial waste discharges to the proposed sewer system.

III. Existing Sewage Treatment Plant

Sewage Treatment Service for the proposed sewers is to be provided by the City of Butler Sewage Treatment Plant. As is now planned, the City's Sewage Treatment Plant, and the existing sewer systems of both the Township and the City, are to be conveyed to a Joint Authority having representatives of both the Township and the City who will expand and modernize existing facilities and thereafter operate and maintain the entire sewerage system serving both the City and the Township. The existing sewage treatment plant for the City of Butler is located in Butler Township along Route 8 approximately one mile south of Butler as is shown on PLATE II. This treatment plant is of the complete treatment type consisting of primary clarifiers, trickling filters, final clarifiers, digesters, covered sludge drying beds, pumping facilities, chlorination facilities and laboratory. According to studies and reports by Chester Engineers, Consulting Engineers for the City of Butler, the average dry weather flow to the plant is approximately 3.0 MGD, of which it is estimated that about 15 per cent is contributed from the Township.

For the proposed Improvement Project of the Joint Authority for which a permit has already been granted by the Sanitary Water Board (See Section I of this Report), it is proposed that the existing treatment plant be provided new primary treatment components and sludge handling equip ment together with other miscellaneous alterations, such that the plants' capacity will be increased to approximately 5.0 MGD. This project will also provide for the construction of improvements and additions to the interceptor sewer system.

IV. Proposed Sanitary Sewer System

General

The proposed sewer system for the Northwest Area will initially serve 471

residential dwelling units, 20 separate commercial establishments and the Point Shopping Center, and will consist of approximately 67,000 feet of 8-inch sewers and 5,200 feet of 12-inch sewers. A layout of the proposed sewer system is shown on PLATE I.

Basis of Design

The gravity sewers have been designed on the basis of an average flow of 100 gallons per capita per day (gpcd) and a peak flow of 400 gpcd for lateral sewers and 250 gpcd for trunk sewers. The 12-inch trunk sewer for the Sullivan Run sub-drainage area, (the largest sub-drainage area) will connect to an existing 12-inch sewer at the corner of Highland Avenue and Isabella Street in Butler. The 8-inch trunk sewers for the small sub-drainage area, will connect to an existing 10-inch sewer, known as the Lewis Avenue Sewer, just west of the new high school.

The basis of design for the trunk sewers is summarized as follows:

	Area (Acres)	Ult. Pop.	Peak Flow (MGD)	Sewer Size (Inches)	Min. Slope %	Cap. (MGD)
Large Area Trunk	1120	5600	1.30	12	.05	1.5
Small Area Trunks						
Along Spring Street	150	900	.23	8	1.25	0.8
Along Pierce Ave.	200	1200	.30	8	1.67	0.9

PERMIT 364S35-T1

SEWER EXTENSION FOR LAKEWOOD DEVELOPMENT

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT

NO. 364S35-T1

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)

Sanitary Sewers

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Lakewood Development

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of:
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To:
   a. [ ] Surface Water
   b. [ ] Ground Water

   N/A

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan N/A [ ]
   Project Area is _____ Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 364S35-T1 DATED 3/5/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED _____. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 4, 5, 6, 13, 14, 19, 21, 22 and 23 OF THE Sewerage STANDARD CONDITIONS DATED 1981, AND CONDITIONS NUMBERED _____ OF THE EROSION CONTROL STANDARD CONDITIONS DATED _____ WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit. WHICH ~~ARE ATTACHED AND~~ ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the Office of the Recorder of Deeds in which county the facility is to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE March 30, 1983

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY James E. Erb

James E. Erb, P.E.
~~Regional Water Quality Manager~~
Bureau of Water Quality Management

VOL 1163 PAGE 19

ER-BWQ-69 Rev. 1/78

Butler Area Sewer Authority
Butler County
Application #364S35-T1

STATE OF PENNSYLVANIA
COUNTY OF CRAWFORD } SS

On the 30th day of March in the year one thousand nine hundred and eighty-three before me, the Subscriber, a Notary Public, came the above named

James E. Erb, P.E., Reg. Water Quality Manager, Meadville Regional Office

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Viola M. Hodges
NOTARY PUBLIC

VIOLA M. HODGES
NOTARY PUBLIC
My commission expires Feb. 24, 1985

1163 PAGE 20

April 30, 1979

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, PA 15222

Attention: Stephen E. Pederson
Regional Water Quality Manager

Dear Mr. Pederson:

The enclosures are for transferring the sewerage permits from Center Authority to Butler Authority as per "DER" consent orders.

The new sewer construction is proceeding ahead of schedule and should be in operation in the fall of 1979.

When the sewers are operational, the sewage lagoons will be pumped out and abandoned.

Thank you.

Very truly yours,

BUTLER AREA SEWER AUTHORITY

David A. Kirk, Manager

DAK/cas

Enclosures

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: MARCH 5, 1979

2. NAME OF PRESENT PERMITTEE
THE MUNICIPAL WATER AND SEWER AUTHORITY OF CENTER TOWNSHIP

3. MAILING ADDRESS: 419 SUNSET DRIVE BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A: [XX] SEWERAGE [ ] WATER SUPPLY [ ] INDUSTRIAL WASTE [ ] BATHING PLACE PERMIT

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
364535	UNKNOWN	4/26/65	CENTER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [XX] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [XX] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT
BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

14. SIGNATURE OF PRESENT PERMITTEE: Loy A. Youkers

15. TITLE: Secretary-Treasurer

16. DATE: April 2, 1979

17. IF CORPORATION
AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I Loy A. Youkers, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE: Loy A. Youkers

22. THIS 21st DAY OF April 1979

21. TITLE: Secretary-Treasurer

(NOTARY PUBLIC)

23. WE BUTLER AREA SEWER AUTHORITY

☐ A PRIVATE INDIVIDUAL ☐ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☒ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD

BUTLER, PA 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO

AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
David A. Kirk	MANAGER	3/5/79

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I DAVID A. KIRK BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ ~~(AN OFFICER OR OFFICIAL OF THE APPLICANT)~~ HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE David A. Kirk

32. TITLE MANAGER

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 21st DAY OF April 1979

(NOTARY PUBLIC)

MY COMMISSION EXPIRES

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE

Commonwealth-Sanitary Water Board to CENTER TWP.WATER & SEWER AUTH.

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 364835

2. PERMITTEE The Municipal Water and Sewer Authority of Center Township
3. MAILING ADDRESS Attention: William L. Wallace
349 Sunset Drive, Butler, Pennsylvania

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
☒ SEWERS AND APPURTENANCES ☒ SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
☒ CONTINUOUS ☐ EMERGENCY ☐ INTERMITTENT ☐ NONE

6. DEGREE OF TREATMENT
☒ COMPLETE ☐ PRIMARY ☐ INTERMEDIATE ☐ NONE

7. TO SERVE Lake View Plan of Lots & Center Twp. Elementary School
8. IN (MUNICIPALITY) Center Township 9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

APR 21 1965
SANITARY WATER BOARD ACTION DATE

44. APPLICATION APPROVED
☐ APPROVED ☒ APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY [signature] 4/21/65
TITLE Secretary, Sanitary Water Board

47. DATE 4-26-65

This permit is subject to the following special condition:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, and 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

HSE - 6308

STATE OF PENNSYLVANIA }
COUNTY OF DAUPHIN } SS

On the 13 day of April in the year one thousand nine hundred and 65 before me, the Subscriber, a Notary Public, came the above named Floyd O. Collins, Jr., and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Jacquelyn Grassi
NOTARY PUBLIC

NOTARY PUBLIC
My Commission Expires May 20, 1968
Harrisburg, Pa. Dauphin County

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 364S37

SEWER EXTENSION FOR HOLIDAY INN (MOTEL)

COMM. OF PENNA. TO BUTLER AREA SEWER AUTHORITY

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 364837

2. PERMITTEE BUTLER AREA SEWER AUTHORITY

3. MAILING ADDRESS 125 Pittsburgh Road Butler, Pa. 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [x] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [ ] NONE

6. DEGREE OF TREATMENT
- [x] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE Holiday Inn (Motel)

8. IN (MUNICIPALITY) Butler Township 9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

RECORDED OF DEEDS BUTLER COUNTY

3600

44. APPLICATION
- [ ] APPROVED
- [x] APPROVED SUBJECT TO CONDITIONS ATTACHED

Standard Conditions - Sewerage (1942), 1,2,3,4,5,6,7,9,10,11,13,14,15,17,18,& 27

45. BY

47. DATE 12/16/64

46. TITLE

PERMIT

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
996 South Main Street
Meadville, Pennsylvania
December 16, 1964

CERTIFIED MAIL
Butler Area Sewer Authority
Butler, Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001
ATTENTION: William D. Greenough, Chairman

Subject: Sewerage Permit #364S37

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Walter N. Heine jpt

Regional Sanitary Engineer In Charge
Region III

Enclosures - Permit
Standard Conditions

CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Permittee's Representative
CC: File

WNH/t

Holiday

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 365S002-T1

SEWER PERMIT FOR WINDWARD HEIGHTS DEVELOPMENT, CENTER TOWNSHIP

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ENVIRONMENTAL PROTECTION

START

BUREAU/PROGRAM Water Quality

DIVISION

COUNTY/MUNICIPALITY 10909

PROGRAM SE

CASE NAME Butler Area SA - Windward Heights

FILE P

PERMIT NO. 3655004-T1

1012 Water Street
Meadville, Pennsylvania 16335
Telephone: A. C. 814/724-8550

MAR 30 1983

Subject: Sewerage Permits #364835-T1 and #3658002-T1
Butler Area Sewer Authority
Butler County

Mr. David Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

Dear Mr. Kirk:

Transfer of Part II Permit Numbers 364835 and 3658002 have been approved and new Permit Numbers 364835-T1 and 3658002-T1 are enclosed. Please study the permits carefully and direct any questions to the Permits and Grants Section of this office.

To become operative these permits must be recorded in the office of the Recorder of Deeds in the county in which the deeds are located. Enclosed are certificates and a preaddressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificates and return them within ten (10) days.

If you have any questions or desire further information, feel free to contact this office.

Sincerely,

James E. Erb, P.E.
Regional Water Quality Manager
Bureau of Water Quality Management

JEE/JJM/skg

Enclosures

bc: Permits and Compliance
Permit File

ER-BWQ-15 Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 3678002-T1

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes: type of establishment

Sanitary Sewers

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Windward Heights Development

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [x] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of:
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To:
   N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan N/A [ ]
   Project Area is _____ Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 3678002-T1 DATED 3/5/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED _____. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 4, 5, 6, 13, 14, 19, 21, 22 and 23 OF THE Sewerage STANDARD CONDITIONS DATED 1981, AND CONDITIONS NUMBERED _____ OF THE EROSION CONTROL STANDARD CONDITIONS DATED _____ WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit. WHICH ~~ARE ATTACHED AND~~ ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the Office of the Recorder of Deeds in which County the facility is to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE March 30, 1983

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY James E. Erb

James E. Erb, P.E.
TITLE Regional Water Quality Manager
Meadville Regional Office

REGIONAL OFFICE

ER-BWQ43 REV. 6/76

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

For Department Use Only

INTERNAL REVIEW AND RECOMMENDATIONS

NAME OF APPLICANT: Butler Area Sewer Auth. PROJECT LOCATION: Butler County APPLICATION NUMBER: 367S002-T1

BRIEF DESCRIPTION OF PROJECT AND DISCUSSION (Use Additional Sheets if Necessary)

The application is for the transfer of a permit to BASA for facilities serving the Windward Heights development in Center Township. The transfer is brought about due to the construction of the regional STP at Butler and its associated sewers.

The original permit was for sewers and a lagoon to serve the Windward Heights development. According to Mr. David Kirk of BASA, the lagoon was abandoned in the summer of 1981 and its contents pumped into the new sewer system. The lagoon was not filled in, but left open to possibly serve as a stormwater retention basin for future development in the area.

The expanded upgradient Butler STP has been in operation since the late 1970's and is in compliance with its NPDES permit.

The name and address of the contact person is:

Mr. David Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

CURRENT ESTIMATE OF COMPLETION DATE OF PROJECT (Industrial Wastes Only)

RECOMMENDATION AND ACTION

Approve -- Issue By Region	Approve -- Issue By Central Office	Refuse	Signature	Date
☒	☐	☐	REVIEWING ENGINEER John J Mathews	3/21/83
☒	☐	☐	REGIONAL FACILITIES SECTION CHIEF J. E. Mathews	3/21/83
☒	☐	☐	REGIONAL ENGINEER/WATER QUALITY MANAGER James E. Ziemba	3-28-83
	☐	☐	DIVISION FACILITIES ENGINEER	
	☐	☐	DIVISION CHIEF	

PERMIT CONDITIONS:

1. STANDARD -- 4, 5, 6, 13, 14, 19, 21, 22, and 23 of the 1981 Sewerage Standard Conditions.

2. SPECIAL (Use Additional Sheets If Necessary) -- Recording of Permit: It is required by law that this permit before being operative shall be recorded in the Office of the Recorder of Deeds in which county the facility is to be located.

10-911
364535
3673002 For

BUTLER AREA SEWER AUTHORITY

125 PITTSBURGH ROAD
BUTLER, PENNA. 16001
TELEPHONE 282-1978

CHARLES G. WINTERS
CHAIRMAN
MICHAEL SPRYN, JR.
SECRETARY
WILLIAM J. ZACHARIAS
TREASURER
RICHARD P. MILLER
ASSISTANT SECRETARY & TREASURER
JOHN H. PATAKY
BOARD MEMBER

LEE C. McCANDLESS
SOLICITOR
THE CHESTER ENGINEERS
ENGINEER CONSULTANT
DAVID A. KIRK
MANAGER

April 30, 1979

RECEIVED
MAY 1 1979
ENVIRONMENTAL RESOURCES
WATER QUALITY MANAGEMENT
PITTSBURGH REGIONAL OFFICE

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, PA 15222

Attention: Stephen E. Pederson
Regional Water Quality Manager

Dear Mr. Pederson:

The enclosures are for transferring the sewerage permits from Center Authority to Butler Authority as per "DER" consent orders.

The new sewer construction is proceeding ahead of schedule and should be in operation in the fall of 1979.

When the sewers are operational, the sewage lagoons will be pumped out and abandoned.

Thank you.

Very truly yours,

BUTLER AREA SEWER AUTHORITY

David A. Kirk

David A. Kirk, Manager

DAK/cas

Enclosures

Rev. 2-73

RECEIVED
MAY 1 1979
ENVIRONMENTAL RESOURCES
WATER QUALITY MANAGEMENT
PITTSBURGH REGIONAL OFFICE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: MARCH 5, 1979

2. NAME OF PRESENT PERMITTEE
THE MUNICIPAL WATER AND SEWER AUTHORITY OF CENTER TOWNSHIP

3. MAILING ADDRESS: 419 SUNSET DRIVE BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
[XX] SEWERAGE [ ] WATER SUPPLY
[ ] INDUSTRIAL WASTE [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
3675002	UNKNOWN	9/8/67	CENTER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [XX] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [XX] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT
BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

14. SIGNATURE OF PRESENT PERMITTEE: Loy A Youkers

15. TITLE: Secretary-Treasurer

16. DATE: April 21, 1979

17. IF CORPORATION AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I Loy A. Youkers, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE: Loy A Youkers

22. THIS 21st DAY OF April 1979

21. TITLE: Secretary-Treasurer

Clyde D. Youkers
(NOTARY PUBLIC)

MY COMMISSION EXPIRES:

CLYDE D. YOUKERS, NOTARY PUBLIC
ROSS TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES JULY 6 1979
Member, Pennsylvania Association of Notaries

Page 848 of 1280

23. WE BUTLER AREA SEWER AUTHORITY

☐ A PRIVATE INDIVIDUAL ☐ A CORPORATION
☐ A PARTNERSHIP ☐ AN ASSOCIATION
☒ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD
BUTLER, PA 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO
AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
David A. Kirk	MANAGER	3/5/79

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I DAVID A. KIRK BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~AM THE APPLICANT~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE David A. Kirk

32. TITLE MANAGER

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 21st DAY OF April 1979

CLYDE D. YOUKERS, NOTARY PUBLIC
ROSS TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES JULY 6, 1982
Member, Pennsylvania Association of Notaries

Clyde D. Youkers
(NOTARY PUBLIC).

MY COMMISSION EXPIRES _____

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☒ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☒ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☒ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☒ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☒ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED?	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER
☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF
☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE _____

COMMONWEALTH PF PENNA. DEPT OF HEALTH-SANITARY WATER BOARD to CENTER TWP: MUNICIPAL WATER & SEWAGE AUTHORITY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 3678002

2. PERMITTEE The Municipal Water and Sewer Authority of Center Township
3. MAILING ADDRESS 419 Sunset Drive, Butler, Pa.

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
☒ SEWERS AND APPURTENANCES ☒ SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
☒ CONTINUOUS ☐ EMERGENCY ☐ INTERMITTENT ☐ NONE

6. DEGREE OF TREATMENT
☒ COMPLETE ☐ PRIMARY ☐ INTERMEDIATE ☐ NONE

7. TO SERVE Windward Heights Plan of Lots - Addition #I
8. IN (MUNICIPALITY) Center Township
9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

44. APPLICATION APPROVED
☐ APPROVED ☐ APPROVED SUBJECT TO CONDITIONS ATTACHED

BOOK 882 PAGE 419

45. BY Fred C. Gilbert

47. DATE SEP - 8 1967

46. TITLE Secretary, Sanitary Water Board

PERMIT

Sewerage Permit
No. 367 S 002

This permit is subject to the following special conditions:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor-producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease-producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

B. If facilities become available for conveying the sewage to and treating it at a more suitable location, upon order from the Sanitary Water Board, the permittee shall provide for the discharge of the sewage to such facilities and shall abandon the use of the herein approved sewage treatment works.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

PERMIT 365S21

SEWER EXTENSION FOR THE HULL PLAN AND ADJACENT TERRITORY

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

HSE-63 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH-SANITARY WATER BOARD

1. APPLICATION AND PERMIT NO. 365S21

SEWERAGE PERMIT

2. PERMITTEE Butler Area Sewer Authority

3. MAILING ADDRESS 125 Pittsburgh Road, Butler, Pennsylvania

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE The Hull Plan and adjacent territory

8. IN (MUNICIPALITY) Butler & Center Twps. 9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

RECORDER OF DEEDS BUTLER COUNTY, PA. SEE 2 MAY 13 '65

RECEIVED MAY 11 1965 REGION III

44. APPLICATION APPROVED
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18, 27

45. BY Walter M. Lewis

47. DATE MAY 11, 1965

46. TITLE Reg. San. Eng'r.

BOOK 968 PAGE 835

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania
May 11, 1965

CERTIFIED MAIL

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania

Attention: Mr. David A. Kirk, Manager

Subject: Butler Area Sewer Authority - Permit #365S21

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Walter M. Heine (al.j.)
Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

cc: Program Services Unit
Staff Services Section
Sewerage Section
Permittee's Representative
File

Hull Plan

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or aligment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent therein; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 365S39

ALLEGHENY COUNCIL, BOY SCOUTS OF AMERICA SEWAGE TREATMENT PLANT

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE CAMP SEMICONON P 365539

NUMBER 10.920 SE. 52087-0822

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
P. O. BOX 90
HARRISBURG 17120

NOV 16 19

CERTIFIED MAIL

Connoquenessing Township
Butler County

Allegheny Council, Boy Scouts of America
643 Liberty Avenue
Pittsburgh 22, Pennsylvania

ATT: George A. Horsman, Sr., Director of Properties

SUBJECT: Sewerage Permit No. 365939

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We have also enclosed a copy of Standard Conditions. We believe the permit and standard conditions are self-explanatory. If you have any questions, however, please contact the office of the Regional Sanitary Engineer in your area, and one of the members of the Regional Sanitary Engineering Staff will be happy to explain them to you.

Very truly yours,

Floyd O. Collins, Jr., Chief
Staff Services Section
Division of Sanitary Engineering

cc: Sewerage Section
San.Eng.Reg.III
Staff Services(2)
File

FC:hr

Enclosures - Permit
Standard Conditions
List of Regional Engineers

1158091

SEWERAGE PERMIT

No. 365839

This permit is subject to the following special condition:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor-producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease-producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942, attached hereto:

1, 2, 3, 6, 7, 9, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 and 27.

115809

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105
December 3, 1971

Certified Mail

Re: Notice of Change in Treatment Requirements

Allegheny Council, Boy Scouts of America
Flag Plaza
Pittsburgh, Pennsylvania 15219

Permit No. 365839
Conoquenessing Township
Butler County
(Camp Semiconon)

Gentlemen:

New water quality criteria and treatment requirements have been established for intrastate waters in the Lower Ohio River Basin pursuant to a hearing held in New Castle, Pennsylvania on May 27, 1970. A review of your permit indicates that the effluent from your facilities requires additional treatment to comply with the new water quality criteria and treatment requirements.

As a result of the above, it shall be your duty to take the steps and to submit the report or schedule required by Section 95.6, Chapter 95 of the Rules and Regulations of the Department, a copy of which is attached. Such report or schedule shall be submitted on or before March 3, 1972 to Mr. Kenneth A. Okorn, Chief, Enforcement and Administration Section, Bureau of Water Quality Management, State Office Building, 300 Liberty Avenue, Pittsburgh, Pennsylvania, 15222. If a schedule is required, the attached Project Status Schedule Card should be used. Failure to comply with the Rules and Regulations of the Department will subject you to the penalty and enforcement remedy provisions of the Clean Streams Law.

Following are the effluent requirements applicable to your facilities necessary to achieve compliance with water quality standards:

The five-day biochemical oxygen demand shall not exceed 20 mg/l.
Ammonia shall not exceed 4 mg/l as N.
Phosphorus shall not exceed 0.5 mg/l as P.
Total suspended solids shall not exceed 25 mg/l.

The effluent shall otherwise meet all requirements of secondary treatment as defined in Chapter 95.

cc: Mail Clerk ✓
File
Reg. San. Engr., Reg. V, Pittsburgh
Division of Water Supply & Sewerage
Strike Force
Public Relations, Robert Miller
Input Unit

FOR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

Daniel B. Drawbaugh

Daniel B. Drawbaugh, Director
Division of Water Supply and Sewerage

2-26

HSE-6305

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
362824

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to the Allegheny Council, Boy Scouts of America, 312 Standix Street, Pittsburgh 22, Pennsylvania, for the construction of a sewage treatment plant to serve the dining hall at Camp Semiconon, located in Connoquenessing Township, Butler County, and discharge of treated effluent to Semiconon Creek, as shown on plans and described in a report accompanying application No. 362824.

This permit is subject to the following special conditions:

A. The treatment works hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids, remove at least

eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge, and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942 attached hereto:

1, 2, 3, 5, 6, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 24, and 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

JAN 18 1963
SANITARY WATER BOARD ACTION DATE

Attest: _____
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

JAN 24 1963

HSE - 6308

STATE OF PENNSYLVANIA }
COUNTY OF DAUPHIN } SS

On the day of in the year one thousand nine hundred and before me, the Subscriber, a Notary Public, came the above named C. L. Wilbar, Jr., M. D. and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

NOTARY PUBLIC

PERMIT 366S021

EXTENSION OF SANITARY SEWER LINES TO SERVE CITY TO BUTLER AND BUTLER TOWNSHIP

HSE-6304 [illegible]/62

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 366 S 021

2. PERMITTEE BUTLER AREA SEWER AUTHORITY

3. MAILING ADDRESS 125 PITTSBURGH ROAD BUTLER, PA. 16001

THIS PERMIT APPROVES EXTENSION OF SANITARY SEWER LINES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] INTERMITTENT
- [ ] EMERGENCY
- [X] NONE

6. DEGREE OF TREATMENT
- [ ] COMPLETE
- [ ] INTERMEDIATE
- [ ] PRIMARY
- [ ] NONE

7. TO SERVE CITY OF BUTLER AND BUTLER TOWNSHIP

8. IN (MUNICIPALITY) SAME

9. COUNTY BUTLER

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

meadowood addition #1, Community Estates, Mantz Avenue

RECORDER OF DEEDS BUTLER COUNTY, PA. FEE 2 AM 11

3605

RECEIVED REGION III

44. APPLICATION APPROVED
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED 1,2,3,4,5,6,7,9,10,11,13,14,15,16, 17,18,25,26 and 27

45. BY Harry E. Miller

46. TITLE Regional Sanitary Engineer

47. DATE August 30, 1966

BOOK 308 PAGE 504

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania
August 31, 1966

CERTIFIED MAIL

Butler Area Sewer Authority
City of Butler and Butler Township
Butler County

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road, Butler, Pa. 16001

mechanical addition #1
Community Estates Plan
Lots.

Subject:
Sewerage Permit #366 S 021

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Larry S. Miller dj

Larry S. Miller
Regional Sanitary Engineer
Region III

Enclosures - Permit
Standard Conditions

LSM/dj

cc: Program Services Unit
Staff Services Section
cc: Sewerage Section
cc: Permittee's Representative
cc: File

SEP 1 1966

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 366S2

SEWER EXTENSION FOR STRATFORD PARK PLAN, DESHON AREA SANITARY DISPOSAL AND SEWER AUTHORITY

1149544

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-36652

NUMBER 10,909 SE 52048-693

Sewerage Case File

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania 16335
May 26, 1966

CERTIFIED MAIL

Butler Township
Butler County

Mr. George R. McCray, Chairman
The Deshon Area Sanitary Disposal and Sewer Authority
34 Deshon Court Drive
Butler, Pennsylvania 16001

Subject: Sewerage Permit #366 S 002

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Regional Sanitary Engineer

Enclosures - Permit
Standard Conditions

LSM/ET/xls

cc: Program Services Unit
Staff Services Section
cc: Sewerage Section ✓
cc: Permittee's Representative
cc: File

114954

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE APPLICATION AND PERMIT

1. APPLICATION AND PERMIT NO. 366 S 2

2. APPLICANT The Deshon Area Sanitary Disposal and Sewer Authority

3. MAILING ADDRESS 34 Deshon Court Drive Butler, Pa.

HEREBY APPLIES FOR

4. APPROVAL OF PLANS AND PERMIT FOR CONSTRUCTION OF [X] SEWERS AND APPURTENANCES [ ] SEWAGE TREATMENT PLANT

5. PERMIT FOR DISCHARGE [ ] CONTINUOUS [ ] EMERGENCY [ ] INTERMITTENT [X] NONE

6. DEGREE OF TREATMENT [X] COMPLETE [ ] PRIMARY [ ] INTERMEDIATE [ ] NONE

7. TO SERVE Lots in the Stratford Park Plan of Lots (Avon Drive)

8. IN (MUNICIPALITY) Butler Township 9. COUNTY Butler

AND SUBMITS AS PART OF THE APPLICATION THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS

10. DATE December 16, 1965

11. SIGNATURE OF APPLICANT OR AUTHORIZED OFFICER George R. McCray

12. TITLE Chairman

13. CORPORATE SEAL

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Butler SS

I, (14) George R. McCray, BEING DULY SWORN, ACCORDING TO LAW, DEPOSE AND SAY THAT I (IS OF APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION) AND THAT THE PLANS, REPORTS AND DOCUMENTS SUBMITTED AS PART OF THE APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME THIS

16. 16th DAY OF December 1965 18. SIGNATURE George R. McCray

17. Leo A Blum NOTARY PUBLIC

REGIONAL ENGINEER'S REVIEW

18. POPULATION TO BE SERVED	19. PLANS-NO. FOLIOS	20. REPORT-NO. VOLUMES	21. SPECIFICATIONS-NO. VOLUMES
INITIAL 4 DESIGN 115	One folio of two plans	One	None

DISCHARGE TO SEWER SYSTEM OF

22. NAME	23. MUNICIPALITY	24. COUNTY
Appl. No. 2983-S Butler Township	Butler Township	Butler

25. DOES SYSTEM HAVE ADEQUATE CAPACITY? [X] YES [ ] NO

26. COMPLIANCE STATUS [ ] IN COMPLIANCE [X] VIOLATION S.P. [ ] VIOLATION U.P.

TREATED AT TREATMENT PLANT OF

27. NAME OF PLANT RECEIVING SEWAGE Deshon Area S.T.P.

28. CONSTRUCTION STATUS [X] EXISTING [ ] UNDER CONSTRUCTION [ ] PROPOSED

29. IS PLANT CAPACITY SUFFICIENT TO PREVENT POLLUTION AND COMPLY WITH PERMIT WHEN OPERATING UNDER PROPOSED LOAD? [X] YES [ ] NO

30. CASE NAME Butler Twp. MSS

31. CASE COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.

32. TREATMENT PROVIDED [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NONE

33. RECEIVING STREAM Sawmill Run

34. CLASSIFICATION OF RECEIVING STREAM [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NOT CLASSIFIED

35. TRIBUTARY OF Conoquenessing Cr.

36. DRAINAGE BASIN Ohio River

37. WILL PROPOSED FACILITIES COMPLY WITH THE REGULATIONS OF THE SANITARY WATER BOARD AND DEPARTMENT OF HEALTH AND AVERT POLLUTION OF THE WATERS OF THE COMMONWEALTH? [X] YES [ ] NO

RECOMMENDATION AND ACTION					DATE
APPROVE-ISSUE IN REGION	APPROVE-ISSUE IN CENTRAL OFFICE	REFUSE	POSTPONE		
38. [X]	[ ]	[ ]	[ ]	REVIEWING ENGINEER	5/24/66
39. [X]	[ ]	[ ]	[ ]	FACILITIES ENGINEER	5/24/66
40. [ ]	[ ]	[ ]	[ ]	REGIONAL ENGINEER	5-25-66
41. NO OBJECTION TO AD INTERIM [ ]	[ ]	[ ]	[ ]	SEWERAGE SECTION	
42. [ ]	[ ]	[ ]	[ ]	DIVISION	
43. [ ]	[ ]	[ ]	[ ]	SANITARY WATER BOARD ACTION	

44. APPLICATION [ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

1,2,3,4,5,6,7,9,10,11,14,15,17,18,25 and 27

45. BY Larry S. Miller

46. TITLE Regional Sanitary Engineer

47. DATE 5-25-66

REGION FILE

6/29/66

PERMIT 367S002-T1

TRANSFER OF SEWER PERMIT FOR WINDWARD HEIGHTS DEVELOPMENT, CENTER TOWNSHIP

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT

NO. 367S002-T1

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Center Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sanitary Sewers

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Windward Heights Development

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [x] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ] N/A
   Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan N/A [ ]
   Project Area is _____ Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 367S002-T1 DATED 3/5/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED _____. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 4, 5, 6, 13, 14, 19, 21, 22 and 23 OF THE Sewerage STANDARD CONDITIONS DATED 1981, AND CONDITIONS NUMBERED _____ OF THE EROSION CONTROL STANDARD CONDITIONS DATED _____ WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED Recording of Permit. WHICH ~~ARE ATTACHED AND~~ ARE MADE A PART OF THIS PERMIT.

Recording of Permit: It is required by law that this permit before being operative shall be recorded in the Office of the Recorder of Deeds in which county the facility is to be located.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE March 30, 1983

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY James E. Erb

James E. Erb, P.E.
Regional Water Quality Manager
Meadville Regional Office

VOL 1163 PAGE 16

ER-BWQ-69 Rev. 1/78

Butler Area Sewer Authority
Butler County
Application #367S002-T1

STATE OF PENNSYLVANIA
COUNTY OF CRAWFORD } SS

On the 30th day of March in the year one thousand nine hundred and eighty-three before me, the Subscriber, a Notary Public, came the above named

James E. Erb, P.E., Reg. Water Quality Manager, Meadville Regional ....

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Viola M. Hodges
NOTARY PUBLIC
VIOLA M. HODGES
NOTARY PUBLIC
My commission expires Feb. 14, 1985

April 30, 1979

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, PA 15222

Attention: Stephen E. Pederson
Regional Water Quality Manager

Dear Mr. Pederson:

The enclosures are for transferring the sewerage permits from Center Authority to Butler Authority as per "DER" consent orders.

The new sewer construction is proceeding ahead of schedule and should be in operation in the fall of 1979.

When the sewers are operational, the sewage lagoons will be pumped out and abandoned.

Thank you.

Very truly yours,

BUTLER AREA SEWER AUTHORITY

David A. Kirk, Manager

DAK/cas

Enclosures

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: MARCH 5, 1979

2. NAME OF PRESENT PERMITTEE
THE MUNICIPAL WATER AND SEWER AUTHORITY OF CENTER TOWNSHIP

3. MAILING ADDRESS: 419 SUNSET DRIVE BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A: [XX] SEWERAGE [ ] WATER SUPPLY [ ] INDUSTRIAL WASTE [ ] BATHING PLACE PERMIT

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
3675002	UNKNOWN	9/8/67	CENTER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [XX] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [XX] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT
BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD BUTLER, PA 16001 | COUNTY: BUTLER | STATE: PA

14. SIGNATURE OF PRESENT PERMITTEE: Loy A. Youkers

15. TITLE: Secretary-Treasurer

16. DATE: April 21, 1979

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF BUTLER SS

I Loy A. Youkers, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

18. THIS 21st DAY OF April 1979

Lloyd R. Youkers
NOTARY PUBLIC

19. COMMISSION EXPIRES: Lloyd R. Youkers, Notary Public, County of

20. SIGNATURE: Loy A. Youkers

21. TITLE: Secretary-Treasurer

WE BUTLER AREA SEWER AUTHORITY

☐ A PARTNERSHIP ☐ AN ASSOCIATION

XX OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD

BUTLER, PA 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO

AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
David A. Kirk	MANAGER	3/5/79

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I DAVID A. KIRK BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~AM THE APPLICANT~~ (AN AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE David A. Kirk

32. TITLE MANAGER

SWORN TO AND SUBSCRIBED BEFORE ME

CLYDE D. YOWERS, NOTARY POSS TOWNSHIP, BUTLER COUNTY, PA. MY COMMISSION EXPIRES APRIL 11, 1982

33. THIS 21st DAY OF April 1979

Clyde D. Yowers (NOTARY PUBLIC).

MY COMMISSION EXPIRES _____

TO BE COMPLETED BY THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE ENVIRONMENTAL HEARING BOARD OR SECRETARY OF ENVIRONMENTAL RESOURCES

☐ APPROVED ☐ REFUSED DATE _____

COMMONWEALTH OF PENNSYLVANIA DEPT OF HEALTH-SANITARY WATER BOARD COMMONWEALTH OF PENNSYLVANIA SEWER AUTHORITY

DEPARTMENT OF HEALTH-SANITARY WATER BOARD

Ase Form 1204 Rev 12-62

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 3673002

2. PERMITTEE The Municipal Water and Sewer Authority of Center Township

3. MAILING ADDRESS 119 Sunset Drive, Butler, Pa.

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [X] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [X] CONTINUOUS
- [ ] INTERMITTENT
- [ ] EMERGENCY
- [ ] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] INTERMEDIATE
- [ ] PRIMARY
- [ ] NONE

7. TO SERVE Windward Heights Plan of Lots - Addition #I

8. IN (MUNICIPALITY) Center Township

9. COUNTY Butler

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

BOOK 882 PAGE 419

44. APPLICATION APPROVED
- [ ] APPROVED
- [ ] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Fred W. Gibby

47. DATE SEP - 8 1967

46. TITLE Secretary, Sanitary Water Board

PERMIT

HSE - 6308

STATE OF PENNSYLVANIA }
COUNTY OF DAUPHIN } SS

On the 5 day of September in the year one thousand nine hundred and 67 before me, the Subscriber, a Notary Public, came the above named Floyd O. Collins, Jr. and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Josephine Gracie
NOTARY PUBLIC

NOTARY PUBLIC
My Commission Expires May 20, 1968
Harrisburg, Pa. Dauphin County

BOOK 882 PAGE 420

This permit is subject to the following special conditions:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor-producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease-producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

B. If facilities become available for conveying the sewage to and treating it at a more suitable location, upon order from the Sanitary Water Board, the permittee shall provide for the discharge of the sewage to such facilities and shall abandon the use of the herein approved sewage treatment works.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

BOOK 882 PAGE 421

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

DATE 9-29-67

RECEIVED FOR RECORD DEED MORTGAGE SEWAGE PERMIT No. 5061

FROM: Com. of Pinnd.

TO: Muni. Water & Sewer authority of Center Twp.

FEES 10.00 TIME RECORDED 9:31 A. M.

Clair K Halstead
RECORDER

RR—10M—10-66

PERMIT 367S011

EXTENSION OF SANITARY SEWER LINES TO SERVE BUTLER TOWNSHIP

COMM. OF PA.
HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

BUTLER AREA SEWER AUTHORITY

1. APPLICATION AND PERMIT NO. 367S011

SEWERAGE PERMIT

2. PERMITTEE BUTLER AREA SEWER AUTHORITY
3. MAILING ADDRESS 125 PITTSBURGH ROAD, BUTLER, PENNSYLVANIA 16001

THIS PERMIT APPROVES EXTENSION OF SANITARY SEWER LINES

4. PLANS AND CONSTRUCTION OF
[X] SEWERS AND APPURTENANCES [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
[X] CONTINUOUS [ ] EMERGENCY [ ] INTERMITTENT [ ] NONE

6. DEGREE OF TREATMENT
[X] COMPLETE [ ] PRIMARY [ ] INTERMEDIATE [ ] NONE

7. TO SERVE BUTLER TOWNSHIP
8. IN (MUNICIPALITY) BUTLER TOWNSHIP 9. COUNTY BUTLER

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

Route* 8 – South (Armco and 3 degree road area)

44. APPLICATION APPROVED
[ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED
1,2,3,4,5,6,7,9,10,11,13,14,15,17, & 27.

45. BY James S. Miller

47. DATE June 27, 1967

46. TITLE Regional Sanitary Engineer

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
996 South Main Street
Meadville, Pennsylvania 16335
June 27, 1967

CERTIFIED MAIL

Butler Area Sewer Authority
Butler Twp., Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001
Attention: David A. Kirk, Manager

Cont #14, Armco.

Subject: Sewerage Permit #3675011

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Larry S Miller

Regional Sanitary Engineer
Region III

Enclosures - Permit
Standard Conditions

CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Raymond B. Washburn, R.P.E.
CC: File

JUN 28 1967

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 367S024

EXTENSION OF SANITARY SEWER LINES TO SERVE INDUSTRY, COMMERCIAL ENTERPRISES AND HOMES

COMM. OF PA.
HSE-6304 REV. 2/62

TO BUTLER AREA SEWER AUTH.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 367 S 024

2. PERMITTEE BUTLER AREA SEWER AUTHORITY
3. MAILING ADDRESS 125 PITTSBURGH ROAD BUTLER, PENNSYLVANIA 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
[X] SEWERS AND APPURTENANCES [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
[ ] CONTINUOUS [ ] EMERGENCY
[ ] INTERMITTENT [X] NONE

6. DEGREE OF TREATMENT
[X] COMPLETE [ ] PRIMARY
[ ] INTERMEDIATE [ ] NONE

7. TO SERVE INDUSTRY, COMMERCIAL ENTERPRISES, AND HOMES
8. IN (MUNICIPALITY) BUTLER TOWNSHIP 9. COUNTY BUTLER

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

Route #8 - South (Armco to Peeples Telephone)

44. APPLICATION APPROVED 1,2,3,4,5,6,7,9,10,11,13,14,15, 17,18,25 and 27
[ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Wayne C. Bellows

47. DATE January 19, 1968

46. TITLE Regional Sanitary Engineer

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

996 South Main Street
Meadville, Pennsylvania 16335
January 19, 1968

CERTIFIED MAIL

Butler Area Sewer Authority
Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001
Attn: Mr. David A. Kirk

(cont. #15 - annco to Peoples Telephone)

Subject: Sewerage Permit #3675024

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law authorized the issuance of the enclosed permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Wayne C. Bellaman

Wayne C. Bellaman, P.E.
Regional Sanitary Engineer
Region III

Enclosures - Permit
Standard Conditions

WCB/dj

CC: Program Services Unit
Staff Services Section
CC: Sewerage Section
CC: Permittee's Representative
CC: File

BASA JAN 2 3 1968

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsisteht with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 368S007

EXTENSION OF SANITARY SEWER LINES TO SERVE CITY OF BUTLER & BUTLER TOWNSHIP

COMM. OF PA.
HSE-6304 REV. 2/62

TO BUTLER AREA SEWER AUTHORITY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE PERMIT

1. APPLICATION AND PERMIT NO. 3685007

2. PERMITTEE BUTLER AREA SEWER AUTHORITY
3. MAILING ADDRESS 125 PITTSBURGH ROAD, BUTLER, PENNSYLVANIA 16001

THIS PERMIT APPROVES

4. PLANS AND CONSTRUCTION OF
- [X] SEWERS AND APPURTENANCES
- [ ] SEWAGE TREATMENT PLANT

5. DISCHARGE OF SEWAGE
- [ ] CONTINUOUS
- [ ] EMERGENCY
- [ ] INTERMITTENT
- [X] NONE

6. DEGREE OF TREATMENT
- [X] COMPLETE
- [ ] PRIMARY
- [ ] INTERMEDIATE
- [ ] NONE

7. TO SERVE CITY AND TOWNSHIP OF BUTLER
8. IN (MUNICIPALITY) CITY OF BUTLER
9. COUNTY BUTLER

IN ACCORDANCE WITH THE APPLICATION, THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS.

This permit is issued by the Sanitary Water Board under the Act of April 9, 1929 (P. L. 177), as amended, and the Act of June 22, 1937 (P. L. 1987), in accordance with the Board's duties and responsibilities to preserve and improve the purity of the waters of the Commonwealth for the protection of the public health, animal and aquatic life, and for industrial consumption and recreation.

This permit is issued subject to the Rules and Regulations of the Sanitary Water Board and any conditions which may be attached to this permit.

(Connoquenessing and 5th Street Interceptor)

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
MAY 13 PM '68
3009

BASA APR 18 1968

44. APPLICATION APPROVED
- [ ] APPROVED
- [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

1,2,3,4,5,6,7,8,10,11,13,14,15,17,18,25, & 27

45. BY Wayne C. Bellman
46. TITLE Regional Sanitary Engineer
47. DATE April 16, 1968

BOOK 968 PAGE 843

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

996 South Main Street
Meadville, Pennsylvania 16335
April 16, 1968

Certified Mail

Butler Area Sewer Authority
Butler - Butler County

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001
Attention: Mr. David A. Kirk, Manager

SUBJECT: Permit #3685007

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on May 15-16, 1968. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

Very truly yours,

Wayne C. Bellaman

Wayne C. Bellaman, P.E.
Regional Sanitary Engineer
Region III

Enclosures - Permit
Standard Conditions

WCB/dj

Cont. #16 Conneaut Lake and 5th Street Interceptor

BASA APR 18 1968

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

BASA APR 18 1988

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsisteht with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 368S025

CONNEQUENNESSING BOROUGH WASTE STABILIZATION LAGOON & COLLECTION SYSTEM

1157016

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

June 12, 1968

Certified Mail - Receipt #458748

Borough of Connoquenessing
Connoquenessing Borough, Butler County

Borough of Connoquenessing
Connoquenessing, Pennsylvania 16027

Attention: Mr. Benjamin L. Southett

SUBJECT: Sewerage Permit #3685025

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on June 19 - 20, 1968. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

You will note that before this permit becomes operative, it must be recorded in the office of the Recorder of Deeds in the County where the discharge is located. For this purpose, we have enclosed a blank certificate and business reply envelope. Will you please have the Recorder of Deeds complete the certificate, sign it, attach his seal and return it within ten (10) days, in the enclosed envelope.

Very truly yours,

Wayne C. Bellaman
Regional Sanitary Engineer
Region III

hCB:su

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

CC: Sewerage Section
Permittee's Representative
Staff Services Section
File

SEWERAGE PERMIT
#3685025

This permit is subject to the following special condition:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will, for the purpose of this permit, remove at least ninety per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

HSE 6307

1157033

Permit #3685025
Connoquenessing Borough
Butler County
Site "A"

Appendix A-20-b

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on JUN 17 1968 (Date)

there was recorded in Book 891

page 829 the sewerage permit issued

to Connoquenessing Borough

bearing date of June 12, 1968

Alan K. Halstead
Recorder of Deeds for
Butler County

#2853
rec'd 6/7/68

1157011

SEWERAGE
BOROUGH OF CONNOQUENESSING
SITE "A"
CONNOQUENESSING BOROUGH, BUTLER COUNTY
APPLICATION NO. 3685025

June 12, 1968

POLLUTION REPORT: Approved June 4, 1968 with 90% removal of BOD required.

DISCUSSION: The applicant proposes construction of a waste stabilization lagoon and collection system to serve a portion of the Borough. This lagoon will serve all the residences on Harmony Street and all those residences located north of Constitution Avenue and on or west of Main Street except for a small portion of Main Street immediately north of Constitution Avenue. The present population of this Borough is 500 persons, and an estimated ultimate population of 600 persons. This lagoon will serve a total design population of 210 persons.

Design of the system was originally on 42 gallons per capita per day, however, the engineer has revised his report to place design at 100 gallons per person per day. Due to the small contributing population the sewers which had been of minimum size and located at minimum grade were still of sufficient capacity to handle both average and maximum flows at this design. The original BOD design was based on 0.17 pounds per day per capita and since the design of the lagoon was based on .5 pound BOD per thousand square feet, there was no need to change the actual design of the waste stabilization lagoon. The chlorine contact tank was of sufficient size to give a total retention of 1.82 hours. Revision of the flow to 100 gallons per capita per day would result in a retention time of 46 minutes.

This waste stabilization lagoon treatment (Site "A") is to be located on the northwest side of Connoquenessing, immediately behind the St. John's Church, behind referring to a westerly direction. The prevailing winds in this area are from the southeast and thus are away from any residences.

1157019

The design of this waste stabilization lagoon meets the design criteria found in the Pennsylvania Department of Health's Sewerage Manual, and with proper construction and operation, should provide an effluent which will meet Pennsylvania Department of Health requirements.

STANDARD CONDITIONS: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

SPECIAL CONDITIONS: IV - 90% removal.

RECORDING OF PERMIT: Before this permit becomes operative it is necessary that it first be recorded in the County Office of the Recorder of Deeds in which County this treatment plant is to be located.

STREAM ENCROACHMENT: There is no stream encroachment involved in this project as the receiving stream has enough stream area of less than .5 square mile.

Respectfully submitted,

Gerald C. Allender

Gerald C. Allender
Assistant Regional Sanitary
Engineer - Facilities
Region III

GCA:su

APPROVED:

Wayne C. Bellaman

Wayne C. Bellaman
Regional Sanitary Engineer
Region III

SE-6304 REV. 2/62

1157030

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD
SEWERAGE APPLICATION AND PERMIT

1. APPLICATION AND PERMI 3. 368S025

APPLICANT

2. APPLICANT Borough of Connoquenessing
3. MAILING ADDRESS Connoquenessing, Butler Co., Pennsylvania 16027

HEREBY APPLIES FOR

4. APPROVAL OF PLANS AND PERMIT FOR CONSTRUCTION OF [X] SEWERS AND APPURTENANCES [X] SEWAGE TREATMENT PLANT

5. PERMIT FOR DISCHARGE [X] CONTINUOUS [ ] EMERGENCY [ ] INTERMITTENT [ ] NONE

6. DEGREE OF TREATMENT [X] COMPLETE [ ] PRIMARY [ ] INTERMEDIATE [ ] NONE

7. TO SERVE Borough Residents
8. IN (MUNICIPALITY) Boro of Connoquenessing 9. COUNTY Butler

AND SUBMITS AS PART OF THE APPLICATION THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS

10. DATE Nov. 21, 1967

11. SIGNATURE OF APPLICANT OR AUTHORIZED OFFICER [signature]
12. TITLE Council President

13. CORPORATE SEAL

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Butler SS

I, (14) Benjamin L. Douthett, BEING DULY SWORN, ACCORDING TO LAW, DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION) AND THAT THE PLANS, REPORTS AND DOCUMENTS SUBMITTED AS PART OF THE APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME THIS
16. 21st DAY OF Nov. 19 67 15. SIGNATURE [signature] Benjamin L Douthett
17. [signature] NOTARY PUBLIC My Commission expires Jan. 1, 1968
Justice of the Peace

REGIONAL ENGINEER'S REVIEW

18. POPULATION TO BE SERVED INITIAL / DESIGN	19. PLANS-NO. FOLIOS	20. REPORT-NO. VOLUMES	21. SPECIFICATIONS-NO. VOLUMES
210	1	1	1

DISCHARGE TO SEWER SYSTEM OF

22. NAME	23. MUNICIPALITY	24. COUNTY
Borough of Connoquenessing	Connoquenessing Borough	Butler

25. DOES SYSTEM HAVE ADEQUATE CAPACITY? [X] YES [ ] NO
26. COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.

TREATED AT TREATMENT PLANT OF

27. NAME OF PLANT RECEIVING SEWAGE: Borough of Connoquenessing
28. CONSTRUCTION STATUS [ ] EXISTING [ ] UNDER CONSTRUCTION [X] PROPOSED
29. IS PLANT CAPACITY SUFFICIENT TO PREVENT POLLUTION AND COMPLY WITH PERMIT WHEN OPERATING UNDER PROPOSED LOAD? [X] YES [ ] NO
30. CASE NAME: Connoqnssng "A"
31. CASE COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P [ ] VIOLATION U.P.
32. TREATMENT PROVIDED [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NONE
33. RECEIVING STREAM: Unnamed Run
34. CLASSIFICATION OF RECEIVING STREAM [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NOT CLASSIFIED
35. TRIBUTARY OF: Little Connoquenessing Creek
36. DRAINAGE BASIN: Ohio River
37. WILL PROPOSED FACILITIES COMPLY WITH THE REGULATIONS OF THE SANITARY WATER BOARD AND DEPARTMENT OF HEALTH AND AVERT POLLUTION OF THE WATERS OF THE COMMONWEALTH? [X] YES [ ] NO

REGIONAL ENGINEER

RECOMMENDATION AND ACTION

	APPROVE-ISSUE IN REGION	APPROVE-ISSUE IN CENTRAL OFFICE	REFUSE	POSTPONE		DATE
38.	[X]	[ ]	[ ]	[ ]	REVIEWING ENGINEER [signature]	6/12/68
39.	[X]	[ ]	[ ]	[ ]	FACILITIES ENGINEER [signature]	6/12/68
40.	[X]	[ ]	[ ]	[ ]	REGIONAL ENGINEER [signature]	6/13/68
41. NO OBJECTION TO AD INTERIM		[ ]	[ ]	[ ]	SEWERAGE SECTION	
42.	[ ]	[ ]	[ ]	[ ]	DIVISION	
43.	[ ]	[ ]	[ ]	[ ]	SANITARY WATER BOARD ACTION	

44. APPLICATION [ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Wayne C. Bellaman

46. TITLE Regional Sanitary Engineer
Region III

47. DATE June 12, 1968

REGION FILE

Appendix A-20-b

1157013

July 13, 1971

Cancellation of Permits
Sewerage Permits Nos. 3683025, 3683026 & 3683027
Borough of Connoquenessing
Butler County

Mr. Benjamin L. Douthett, President
Borough of Connoquenessing Council
Connoquenessing, Pennsylvania 16027

Dear Mr. Douthett:

We have recently reviewed our files and found that the subject sewerage permits are for waste stabilization lagoon systems to treat sewage from the borough. We have also found that the lagoons have not yet been constructed.

Due to recent upgrading of water quality standards by our Department, we find that the streams into which the plants will discharge now require a higher degree of treatment than can be provided by the lagoon systems.

In order to eliminate these obsolete plans and keep our records and yours up to date, you should make a request, in writing, to this office that the above permits be cancelled. Your request should be accompanied by the original copy of each permit.

We would appreciate hearing from you as soon as possible.

Very truly yours,

Thomas Vayansky, Chief
Facilities Section

TV/ac
cc: Management Services
File
T. File

PERMIT 368S026

CONNEQUENNESSING BOROUGH WASTE STABILIZATION LAGOON & COLLECTION SYSTEM

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

June 12, 1968

Certified Mail - Receipt #458748
Borough of Connoquenessing
Connoquenessing Borough, Butler County

Borough of Connoquenessing
Connoquenessing, Pennsylvania 16027

Attention: Mr. Benjamin A. Southcott

SUBJECT: Sewerage Permit #3685026

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on June 19 - 20, 1968. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

You will note that before this permit becomes operative, it must be recorded in the office of the Recorder of Deeds in the County where the discharge is located. For this purpose, we have enclosed a blank certificate and business reply envelope. Will you please have the Recorder of Deeds complete the certificate, sign it, attach his seal and return it within ten (10) days, in the enclosed envelope.

Very truly yours,

Wayne C. Bollaman
Regional Sanitary Engineer
Region III

WCB:sm

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

CC: Permittee's Representative
Sewerage Section
Staff Services Section
File

SEWERAGE PERMIT
#3685026

This permit is subject to the following specia.. condition:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will, for the purpose of this permit, remove at least ninety per cent of the organic pollution load as measured by t e biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATED TO SEWERAGE effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

HSE 6307

1157004

Permit #3685026
Connoquenessing Borough
Butler County
Site "B"

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on ..... JUN 17 1968 (Date)

there was recorded in Book .....891.....

page .....832..... the sewerage permit issued

to .....Connoquenessing Borough.....

bearing date of ...June 12, 1968.....

Clair K. Halstead
Recorder of Deeds for

...Butler... County

4-2154
6/17/68

1157006

SEWERAGE
BOROUGH OF CONNOQUENESSING
SITE "B"
CONNOQUENESSING BOROUGH, BUTLER COUNTY
APPLICATION NO. 3685026

June 12, 1968

POLLUTION REPORT: Approved on June 4, 1968 with 90% removal of BOD required.

DISCUSSION: The applicant proposes construction of a waste stabilization lagoon to serve a portion of the Borough of Connoquenessing. This lagoon will serve all residences located north of Harmony Street. The present population of the Borough is 500 persons and design has been based on an ultimate of 600 persons. The design population which will be contributing to this plant is 205 persons.

Originally design of the system and waste stabilization lagoon was designed on a flow of 42 gallons per day per capita. The engineer has since revised his report to show the design to be the basis of 100 gallons per day per capita. However, due to the small contributary population, the sewers which were originally designed on the minimum diameters and minimum grades are still of sufficient capacity to handle this flow. Since the waste stabilization lagoons were designed on .5 pound BOD per day per thousand square feet and since the BOD loading design was based on 0.17 pounds BOD per capita per day, there would be no change in the design of the lagoon itself. The chlorine contact tank was of sufficient size to give a total retention of 1.87 hours. Revision of the flow to 100 gallons per capita per day would result in a new detention time of 47 minutes.

The design of the lagoon meets the design criteria found in the Pennsylvania Department of Health Sewerage Manual, and with proper construction and operation this facility should be capable of producing an effluent which meets the requirements of the Pennsylvania Department of Health.

The lagoon itself is located on the southeast corner of Connoquenessing. The prevailing wind direction in this vicinity is from the west northwest. Thus, the wind direction is away from any residences which may be located in the area.

STANDARD CONDITIONS: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

SPECIAL CONDITIONS: IV - 90% removal.

RECORDING OF PERMIT: Before this permit becomes operative it is necessary that it first be recorded in the County Office of the Recorder of Deeds in which County this facility is to be constructed.

STREAM ENCROACHMENT: There is no stream encroachment involved in this project as the drainage area above the point of discharge of the receiving stream is less than one-half square mile.

Respectfully submitted,

Gerald C. Allender

Gerald C. Allender
Assistant Regional Sanitary
Engineer - Facilities
Region III

GCA:su

APPROVED:

Wayne C. Bellaman

Wayne C. Bellaman
Regional Sanitary Engineer
Region III

HSE-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

SEWERAGE APPLICATION AND PERMIT

1. APPLICATION AND PERMIT NO. 3685026

APPLICANT

2. APPLICANT Borough of Connoquenessing
3. MAILING ADDRESS Connoquenessing, Butler Co. Pennsylvania 16027

HEREBY APPLIES FOR

4. APPROVAL OF PLANS AND PERMIT FOR CONSTRUCTION OF [X] SEWERS AND APPURTENANCES [X] SEWAGE TREATMENT PLANT

5. PERMIT FOR DISCHARGE [X] CONTINUOUS [ ] EMERGENCY [ ] INTERMITTENT [ ] NONE

6. DEGREE OF TREATMENT [X] COMPLETE [ ] PRIMARY [ ] INTERMEDIATE [ ] NONE

7. TO SERVE Borough Residents
8. IN (MUNICIPALITY) Boro of Connoquenessing 9. COUNTY Butler
AND SUBMITS AS PART OF THE APPLICATION THE ACCOMPANYI[illegible] LANS, REPORTS AND SPECIFICATIONS

10. DATE Nov. 21, 1967

11. SIGNATURE OF APPLICANT OR AUTHORIZED OFFICER Benjamin L. Douthett
12. TITLE Council President

13. CORPORATE SEAL

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Butler SS

I, (14) Benjamin L. Douthett, BEING DULY SWORN, ACCORDING TO LAW, DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION) AND THAT THE PLANS, REPORTS AND DOCUMENTS SUBMITTED AS PART OF THE APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME THIS
16. 21 DAY OF Nov. 19 67
17. A. Kent Henry Justice of the Peace NOTARY PUBLIC
15. SIGNATURE Benjamin L. Douthett
My Commission expires Jan. 1, 1968

REGIONAL ENGINEER

REGIONAL ENGINEER'S REVIEW

18. POPULATION TO BE SERVED INITIAL 205 DESIGN
19. PLANS-NO. FOLIOS 1
20. REPORT-NO. VOLUMES 1
21. SPECIFICATIONS-NO. VOLUMES 1

DISCHARGE TO SEWER SYSTEM OF

22. NAME Borough of Connoquenessing
23. MUNICIPALITY Connoquenessing Borough
24. COUNTY Butler
25. DOES SYSTEM HAVE ADEQUATE CAPACITY? [X] YES [ ] NO
26. COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.

TREATED AT TREATMENT PLANT OF

27. NAME OF PLANT RECEIVING SEWAGE Borough of Connoquenessing
28. CONSTRUCTION STATUS [ ] EXISTING [ ] UNDER CONSTRUCTION [X] PROPOSED
29. IS PLANT CAPACITY SUFFICIENT TO PREVENT POLLUTION AND COMPLY WITH PERMIT WHEN OPERATING UNDER PROPOSED LOAD? [X] YES [ ] NO
30. CASE NAME Connoqnsng "B"
31. CASE COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.
32. TREATMENT PROVIDED [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NONE
33. RECEIVING STREAM Unnamed Run
34. CLASSIFICATION OF RECEIVING STREAM [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NOT CLASSIFIED
35. TRIBUTARY OF Connoquenessing Creek
36. DRAINAGE BASIN Ohio River
37. WILL PROPOSED FACILITIES COMPLY WITH THE REGULATIONS OF THE SANITARY WATER BOARD AND DEPARTMENT OF HEALTH AND AVERT POLLUTION OF THE WATERS OF THE COMMONWEALTH? [X] YES [ ] NO

RECOMMENDATION AND ACTION	APPROVE-ISSUE IN REGION	APPROVE-ISSUE IN CENTRAL OFFICE	REFUSE	POSTPONE		DATE
38.	[X]	[ ]	[ ]	[ ]	REVIEWING ENGINEER Francis Allender	6/11/68
39.	[X]	[ ]	[ ]	[ ]	FACILITIES ENGINEER Harold C. Akerly	6/12/68
40.	[X]	[ ]	[ ]	[ ]	REGIONAL ENGINEER Wayne C. Bellman	6/13/68
41. NO OBJECTION TO AD INTERIM		[ ]	[ ]	[ ]	SEWERAGE SECTION	
42.	[ ]	[ ]	[ ]	[ ]	DIVISION	
43.	[ ]	[ ]	[ ]	[ ]	SANITARY WATER BOARD ACTION	

44. APPLICATION [ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Wayne C. Bellman

46. TITLE Regional Sanitary Engineer Region III

47. DATE June 12, 1968

REGION FILE

July 1, 1971

Cancellation of Permits
Sewerage Permits Nos. 3668025, 3668026 & 3668027
Borough of Connoquenessing
Butler County

Mr. Benjamin L. Louthett, President
Borough of Connoquenessing Council
Connoquenessing, Pennsylvania 16027

Dear Mr. Louthett:

We have recently reviewed our files and found that the subject sewerage permits are for waste stabilization lagoon systems to treat sewage from the borough. We have also found that the lagoons have not yet been constructed.

Due to recent upgrading of water quality standards by our Department, we find that the streams into which the plants will discharge now require a higher degree of treatment than can be provided by the lagoon systems.

In order to eliminate these obsolete plans and keep our records and yours up to date, you should make a request, in writing, to this office that the above permits be cancelled. Your request should be accompanied by the original copy of each permit.

We would appreciate hearing from you as soon as possible.

Very truly yours,

Thomas Vayansky, Chief
Facilities Section

TV/dc
cc: Management Services
File
T. File

PERMIT 368S027

CONNEQUENNESSING BOROUGH WASTE STABILIZATION LAGOON & COLLECTION SYSTEM

1156969

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

THOMAS W. GEORGES, JR., M.D.
SECRETARY OF HEALTH

June 12, 1968

Certified Mail - Receipt #458748
Borough of Connoquenessing
Connoquenessing Borough, Butler County

Borough of Connoquenessing
Connoquenessing, Pennsylvania 16027

Attention: Mr. Benjamin ... Southett

SUBJECT: Sewerage Permit 3681-027

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929 such action may be rescinded or revoked by the Board at its next session on June 19 - 20, 1968. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact this office.

You will note that before this permit becomes operative, it must be recorded in the office of the Recorder of Deeds in the County where the discharge is located. For this purpose, we have enclosed a blank certificate and business reply envelope. Will you please have the Recorder of Deeds complete the certificate, sign it, attach his seal and return it within ten (10) days, in the enclosed envelope.

Very truly yours,

Wayne C. Hellaman
Regional Sanitary Engineer
Region III

WCB:su

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

CC: Permittee's Representative
Sewerage Section
Staff Services Section
File

1156970

SEWERAGE PERMIT
#3685027

This permit is subject to the following special condition:

A. The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will, for the purpose of this permit, remove at least ninety per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO SEWERAGE effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

1156975

HSE 6307

Permit #3685027
Connoquenessing Borough
Butler County
Site "C"

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on ..... JUN 17 1968 (Date)

there was recorded in Book ... 991 .....

page .... 135 ..... the sewerage permit issued

to ... Connoquenessing Borough ....

bearing date of ... June 12, 1968 .....

Clair K. Halstead
Recorder of Deeds for

.. Butler ... County

SEWERAGE
BOROUGH OF CONNOQUENESSING
SITE "C"
CONNOQUENESSING BOROUGH, BUTLER COUNTY
APPLICATION NO. 3685027

June 12, 1968

POLLUTION REPORT: Approved June 4, 1968 with 90% BOD reduction required.

DISCUSSION: The applicant proposes construction of a waste stabilization lagoon and collection system to serve a portion of the Connoquenessing Borough. The present population of Connoquenessing Borough is 500 persons, with a design ultimate of 600 persons. This lagoon will serve a total design population fo 245 persons. The area of the municipality served by the lagoon is that located east of Main Street, including two blocks on Main Street on either side of Constitution Avenue and the area north of Harmony Street.

The design criteria originally used in this application was 42 gallons per capita per day. This figure has since been revised by the engineer to read 100 gallons per capita per day. The revision in the design flow required no changes in the design of the system itself. The collection system which was constructed at minimum sewer diameters and slopes is of sufficient capacity to handle flows based on 100 gallons per capita per day. The waste stabilization lagoons were based on the design of 0.17 pounds BOD per capita per day, and .5 pound per thousand square feet, thus no addition in the size of the lagoon itself is required. The chlorine contact tank was of sufficient size to give a total retention of 1.56 hours at the 42 gallons per capita per day. Revising to 100 gallons per capita per day would result in a retention time of 39 minutes.

The waste stabilization lagoon itself is located on the east southeast side of the Borough. The prevailing winds in this area are from the west northwest and thus away from any developed areas.

The design of the waste stabilization lagoon and the collection system, meet the design criteria found in the Pennsylvania Department of Health's Sewerage Manual, and with proper construction and operation should produce an effluent which meets the requirements of the Pennsylvania Department of Health.

STANDARD CONDITIONS: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27.

SPECIAL CONDITIONS: IV - 90% removal.

RECORDING OF PERMIT: Before this permit becomes operative it is necessary that it be recorded in the County Office of the Recorder of Deeds in which County this facility is to be constructed.

STREAM ENCROACHMENT: No stream encroachment is involved as the drainage area located above the point of discharge is less than one-half square mile.

Respectfully submitted,

Gerald C. Allender
Assistant Regional Sanitary Engineer - Facilities
Region III

GCA:su

APPROVED:

Wayne C. Bellaman
Regional Sanitary Engineer
Region III

H[illegible]-6304 REV. 2/62

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH-SANITARY WATER BOARD

1156991

SEWERAGE APPLICATION AND PERMIT

1. APPLICATION AND PERMIT NO. 3685027

2. APPLICANT Borough of Connoquenessing

3. MAILING ADDRESS Connoquenessing, Butler Co., Pennsylvania 16027

HEREBY APPLIES FOR

4. APPROVAL OF PLANS AND PERMIT FOR CONSTRUCTION OF [X] SEWERS AND APPURTENANCES [X] SEWAGE TREATMENT PLANT

5. PERMIT FOR DISCHARGE [X] CONTINUOUS [ ] INTERMITTENT [ ] EMERGENCY [ ] NONE

6. DEGREE OF TREATMENT [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NONE

7. TO SERVE Borough Residents

8. IN (MUNICIPALITY) Boro of Connoquenessing 9. COUNTY Butler

AND SUBMITS AS PART OF THE APPLICATION THE ACCOMPANYING PLANS, REPORTS AND SPECIFICATIONS

13. CORPORATE SEAL

10. DATE Nov. 21, 1967

11. SIGNATURE OF APPLICANT OR AUTHORIZED OFFICER [signature]

12. TITLE Council President

APPLICANT

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Butler SS

I, (14) Benjamin L. Douthett, BEING DULY SWORN, ACCORDING TO LAW, DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION) AND THAT THE PLANS, REPORTS AND DOCUMENTS SUBMITTED AS PART OF THE APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME THIS

16. 21st DAY OF Nov. 19 67 15. SIGNATURE [signature]

17. [signature] NOTARY PUBLIC My Commission expires Jan. 1, 1968

Justice of the Peace

REGIONAL ENGINEER

REGIONAL ENGINEER'S REVIEW

18. POPULATION TO BE SERVED INITIAL / DESIGN	19. PLANS-NO. FOLIOS	20. REPORT-NO. VOLUMES	21. SPECIFICATIONS-NO. VOLUMES
215	1	1	1

DISCHARGE TO SEWER SYSTEM OF

22. NAME: Borough of Connoquenessing
23. MUNICIPALITY: Connoquenessing Borough
24. COUNTY: Butler

25. DOES SYSTEM HAVE ADEQUATE CAPACITY? [X] YES [ ] NO

26. COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.

TREATED AT TREATMENT PLANT OF

27. NAME OF PLANT RECEIVING SEWAGE: Borough of Connoquenessing

28. CONSTRUCTION STATUS [ ] EXISTING [ ] UNDER CONSTRUCTION [X] PROPOSED

29. IS PLANT CAPACITY SUFFICIENT TO PREVENT POLLUTION AND COMPLY WITH PERMIT WHEN OPERATING UNDER PROPOSED LOAD? [X] YES [ ] NO

30. CASE NAME: Connoquenessing "C"

31. CASE COMPLIANCE STATUS [X] IN COMPLIANCE [ ] VIOLATION S.P. [ ] VIOLATION U.P.

32. TREATMENT PROVIDED [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NONE

33. RECEIVING STREAM: Unnamed Run

34. CLASSIFICATION OF RECEIVING STREAM [X] COMPLETE [ ] INTERMEDIATE [ ] PRIMARY [ ] NOT CLASSIFIED

35. TRIBUTARY OF: Connoquenessing Creek

36. DRAINAGE BASIN: Ohio River

37. WILL PROPOSED FACILITIES COMPLY WITH THE REGULATIONS OF THE SANITARY WATER BOARD AND DEPARTMENT OF HEALTH AND AVERT POLLUTION OF THE WATERS OF THE COMMONWEALTH? [X] YES [ ] NO

RECOMMENDATION AND ACTION	APPROVE-ISSUE IN REGION	APPROVE-ISSUE IN CENTRAL OFFICE	REFUSE	POSTPONE		DATE
38.	[X]	[ ]	[ ]	[ ]	REVIEWING ENGINEER [signature]	6/12/68
39.	[X]	[ ]	[ ]	[ ]	FACILITIES ENGINEER [signature]	6/12/68
40.	[X]	[ ]	[ ]	[ ]	REGIONAL ENGINEER [signature]	6/13/68
41. NO OBJECTION TO AD INTERIM		[ ]	[ ]	[ ]	SEWERAGE SECTION	
42.	[ ]	[ ]	[ ]	[ ]	DIVISION	
43.	[ ]	[ ]	[ ]	[ ]	SANITARY WATER BOARD ACTION	

44. APPLICATION [ ] APPROVED [X] APPROVED SUBJECT TO CONDITIONS ATTACHED

45. BY Wayne C. Bellaman

46. TITLE Regional Sanitary Engineer Region III

47. DATE June 12, 1968

REGION FILE

July 13, 1971

Cancellation of Permits
Sewerage Permits Nos. 3685025, 3685026 & 3685027
Borough of Connoquenessing
Butler County

Mr. Benjamin L. Douthett, President
Borough of Connoquenessing Council
Connoquenessing, Pennsylvania 16027

Dear Mr. Douthett:

We have recently reviewed our files and found that the subject sewerage permits are for waste stabilization lagoon systems to treat sewage from the borough. We have also found that the lagoons have not yet been constructed.

Due to recent upgrading of water quality standards by our Department, we find that the streams into which the plants will discharge now require a higher degree of treatment than can be provided by the lagoon systems.

In order to eliminate these obsolete plans and keep our records and yours up to date, you should make a request, in writing, to this office that the above permits be cancelled. Your request should be accompanied by the original copy of each permit.

We would appreciate hearing from you as soon as possible.

Very truly yours,

Thomas Vayansky, Chief
Facilities Section

TV/dc
cc: Management Services
File
T. File

1156972

December 16. 1971

Revocation of Permit Nos. 3685025, 3685026 and 3685027
Borough of Connoquenessing
Butler County

Daniel.B. Drawbaugh, Director
Division of Water Supply and Sewerage

Through: Regional Sanitary Engineer

Thomas Vayansky, Chief
Facilities Section
U.S. Region V - Pittsburgh

The subject permits are for waste stabilization lagoon systems to treat sewage from the Borough of Connoquenessing. The lagoons have not yet been constructed. They are designed to provide secondary treatment.

The "Implementation Plan" for the New Castle Hearing Area indicates that phosphorus removal will be needed for these discharges. Two plants would discharge to unnamed tributaries of Connoquenessing Creek and one would discharge to an unnamed tributary of Little Connoquenessing Creek.

Since the plants have not yet been built and they are not designed for the required degree of treatment, we recommend that the permits be revoked. This recommendation is in accordance with Policy and Procedure 200-19.

TRV:bk

cc: File
T-File

PERMIT 4401S

BUTLER SEWER EXTENSION FOR RITTS SUBDIVISION

114956

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-4401

NUMBER 10909 SE 52048-693

Reviewed

Form 55 Recd Sept. 18, 1929 Hbg.
Recd Sept. 16, 1929 Dist. C

Application Sept. 13, 1929 No. 5735 Name

Issued November 25,1930 Vol. 173 No. 4401 Place Butler Township

Recorded Jan 23 1931 Vol. Mud Book 1000 Page 317 County Butler

Reported by Harvey No. 4861 Vol. 173 File No.

Disposition

Conditions and Stipulations

*****requesting approval of plans for extensions to the sewer system of the J. V. Ritts Subdivision, *****

*****which indicate that in a permit dated March 28, 1929, approval was given to certain sewers serving the Ritts Subdivision located north of and adjacent to the City of Butler, the discharge of sewage from the sewers being into the municipal sewer system of Butler.

The study further shows that it is now proposed to extend the sewers in the Ritts Subdivision to serve an additional area in this Subdividion heretofore served by cesspools, a total of 1,878 feet of sewers being involved in the extensions; that the sewers are of generally satisfactory design although including certain existing 6 inch sewers formerly discharging to cesspools and now intended to be incorporated in the sewer system; that it is understood that the volume of sewage to be expected from the proposed extensions should not overload the sewers of the City of Butler and that it is understood an agreement has been reached between the Township and the City respecting the reception and disposal of the sewage from the J.V.Ritts Subdivision by the City.

The Bureau of Engineering has recommended approval of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby given to the proposed sewer extensions, as shown on 2 plans bearing the following titles: "Proposed Extension of Service Layout Ritts Subdivision Butler Penn. 3146-02A", and "Profiles to Accompany Plan No. 3146-02A Ritts Subdivision Butler Penn. Drawing No. 3165-02A", and as further shown on an untitled location plan showing the general relation of the J.V.Ritts Subdivision to the City of Butler, all three plans having been received in the Penna. Dept. of Health's District Office at Meadville on Sept. 16, 1929, and as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

1149577

Conditions and Stipulations

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: In accordance with the provisions of State laws regarding connection to public sewers and the regulations of the Penna. Dept. of Health pertaining thereto, the municipality shall require all occupied buildings accessible to a public sewer legally built and operated to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system. Complied with

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SEVENTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewer, but in no case exceeding 600 feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

EIGHTH: The herein approved sewers shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

Appendix A-20-b

Form 461 Recd Sept. 18, 1929 Hbg.
Recd Sept. 16, 1929 Dist. C
Application Sept. 13, 1929 No. 5735 Name
Issued November 25,1930 Vol. 173 No. 4401 Place Butler Township
Recorded Vol. Page County Butler
Report by Harvey No. 4861 Vol. 173 File No.
Conditions and Stipulations #2. Disposition

NTH: On or before December 31st of each year the Township shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TENTH: The provisions of this permit in so far as they apply to the discharge of sewage into the public sewer system of the City of Butler shall be inoperative until a certified copy of an agreement between the Commissioners of Butler Township, Butler County, and the City of Butler, providing for the reception and disposal of the sewage of the Township by the City, in form satisfactory to the Sanitary Water Board, shall have been filed with the Board. agreement executed.

ELEVENTH: If at any time the herein approved sewers, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

TO BE RECORDED IN BUTLER COUNTY

1149572

114957

Appendix A-20-b

05-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

END

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-4401

NUMBER 10.909 SE 52048-693

PERMIT 5658

SEWER EXTENSION IN BUTLER TOWNSHIP

169601

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-5658

NUMBER 10.909 SE 52048-693

11960

SEWER A
BUTLER TOWNSHIP, BUTLER CO.
APPLICATION #136

July 14, 1938.

On June 20, 1938, duplicate applications dated June 2[illegible], 1938, were received from Butler Township, Butler County, requesting the issuance of a permit approving minor sewer extensions and an interceptor to serve the new State [illegible] Hospital.

Duplicate plans accompanied the application.

[illegible]

Four permits have been issued to Butler Township, approving sewer extensions.

GENERAL

The new State [illegible] Hospital will be located about two miles west of the city of Butler along Highway Route #422, which is the Butler-New Castle Highway. The Hospital site is a short distance from a "Y" formed by the intersection of Routes #422 and #68. The population data of the new hospital was furnished by the Chief Engineer of the State Department of Health. The hospital will have about 550 beds, 75 nurses and doctors, and about 150 employees, making a total population of 775. It is stated that 800 will be the maximum at any time at the institution, and that it is not expected to enlarge the hospital in the future.

The water supply for the institution will be obtained from the Butler Water Company.

PROPOSED SEWERS

The plan entitled: "Proposed Sanitary Sewer Extension, Butler Township, Butler County Pa." provides for minor extensions in Butler Township, west of the city line. The plans provides for an 8" sewer on Louis Avenue, beginning at the intersection of Koppeler Avenue and Louis Avenue, and extending to Hanson Avenue, where it discharges into an existing sewer on Hanson Avenue. This plan also provides for a sewer on Regina Street beginning at a manhole 240' west of Chesapeake Street and extending on Regina Street to Chesapeake Street, thence north on Chesapeake Street to Louis Avenue where it will discharge into the proposed sewer on Louis Avenue.

The two plans entitled "Proposed Gravity Sewer Line From Oakvale Boulevard to Center Avenue, Butler Township, Butler County, Pa." and "Proposed Sewer Line Extension, Butler Township, Butler County", provide for minor sewer extensions in Butler Township, southeast of the city of Butler. These plans provide for an 8" sewer extension beginning at the intersection of Oakvale Boulevard and the McClung Boulevard, and extend west on Oakvale Boulevard for a distance of 606' to an unnamed alley, where it will discharge into an 8" proposed sewer on the unnamed alley beginning at an unnamed alley 948' south of Oakvale Boulevard, and extending along the unnamed alley parallel to Center Avenue for a distance of 1055', thence across private property to an existing sewer in the city of Butler, on Center Avenue Extension.

A folio of plans of five sheets entitled: "Proposed Sanitary

Sewer, Butler Township, Butler County" provides for a interceptor to serve the new State T. B. Hospital, and connects with the Butler sewer system. The designed basis of the proposed interceptor is f ased on a maximum population at the institution of 800, and a sewage flow of 200 gallons per capita per day. The estimated daily sewage flow will be 160,000 gallons per day. The maximum rate of sewage flow is considered as twice the daily average flow, or 320,000 gallons per day. The estimated infiltration on the upper end of the interceptor is 80,000 gallon per day. The maximum rate of flow plus infiltration, is considered to be 400,000 gallons per day.

The proposed interceptor begins at Station 0, which is on the Evans-City-Butler highway, Route 68, near the State sanatorium. The upper end of the interceptor is 10" T.C. pipe which begins at Station 0 and extends east along the Evans City-Butler highway to Station 14 plus 02, thence southeast across private property to Stat on 29 plus 02, which is on Home Avenue, thence south on Home Avenue to Station 49 plus 57.5, which is at the intersection of Whitestown Road. From Station 49 plus 57.5, a 12" T.C. pipe is used, the sewer extending east on Whitestown Road to Station 56 plus 97, thence south on Young Avenue to Station 59 plus 19; thence east on an unnamed alley to Station 62 plus 29; thence south on an unnamedalley to Station 63 plus 63; thence east across private property to Station 75 plus 36; thence southeast on Pierce Avenue to Station 98 plus 32; thence south on Louis Avenue to Station 107 plus 42; thence east to Station 108 plus 87; thence south along

a small creek to Station 126 plus 37; thence southwest to Station 129 plus 40; thence southeast on Louis Avenue to Station 132 plus 53. The interceptor is then changed to 15" and is extended southwest on Hanson Avenue to Station 138 plus 74, where it discharges into an existing 15" R.C. sewer which conducts the sewage to the 30" outfall sewer to the sewage plant.

The interceptor for some distance, is laid in and along a small stream, at some points at an elevation below the stream level. The interceptor at these points is encased in concrete where it crosses or parallels the stream. The 10" section of the interceptor is encased in concrete from Station 26 plus 82 to station 32 plus 92. The 12" section of the interceptor is encased in concrete from station 59 plus 19 to station 76 plus 36, and in concrete from station 81 plus 96 to station 87 plus 0, and also from station 91 plus 9 to station 132 plus 53. The 15" section of the interceptor is encased in concrete from station 132 plus 53 to station 138 plus 74.

The upper end of the interceptor which is 10", is laid on a minimum grade of .5% and has a capacity flowing full of 1 m.G.d. with a velocity of 2.7 feet per second. The 12" section of the interceptor is laid on a minimum grade of 1.0% except for 100' at the terminus of the 10" section. The 12" section of the interceptor on a minimum grade of 1%, has a capacity flowing full of 2.3 m.G.d., with a velocity of 4.3

foot per second. The 15" section of the interceptor is laid on a minimum grade of .5% and has a capacity flowing full of 3.0 m.g.d. with a velocity of 3.6 feet per second.

The grades, sizes, depths, and spacing of manholes of the proposed interceptor are satisfactory.

DISCUSSION

The proposed interceptor will serve the State Tuberculosis Hospital, but will also be the backbone of a sewer system to serve Butler Township in this section. The upper end of the interceptor is 10" and designed to carry a maximum flow of 1.m.g.d. The maximum flow from the hospital plus infiltration is 400,000 gallons, thus the interceptor at the upper end is capable of serving 300 acres, figured on the basis of 20 persons per acre and 100 gallons per capita. The 12" section of the interceptor is designed to carry a maximum of 2.3 m.g.d. The maximum flow from the 10" interceptor is 1 m.g.d. The leakage for the 12" interceptor is estimated at 100,000 gallons, thus the 12" section has a surplus capacity of 1.2 m.g.d. to serve the district in the lower end of the interceptor. The 1.2 m.g.d. will serve 600 acres figured on the same area and population basis as on the upper end.

As this interceptor has ample capacity to serve the State Tuberculosis Hospital, and considerable area in the vicinity of the interceptor, and is well designed, there is no reason why a permit should not be issued approving the plans for the proposed interceptor.

-6-

RECOMMENDATIONS

In view of the facts herein set forth, it is recommended that a permit be issued to the Butler Township Commissioners approving the minor sewer extensions as shown on the plans entitled: "Proposed Gravity Sewer Line from Oakvale Boulevard to Center Street, Butler Twp. Butler Co."; "Proposed Sanitary Sewer Extension, Butler Twp. Butler Co. Pa."; "Proposed Sewer Line Extension Butler Twp. Butler Co. Pa."; and a folio of plans of five sheets, entitled: "Proposed Sanitary Sewer, Butler Township, Butler County Pa." dated May 1938, prepared by L.C.D. Greenough. The plans were received in the District Engineer's Office at Meadville on June 30, 1938, while the minor sewer extension plans were received April 2, 1938, all subject to conditions: 1, 2, 3, 4, 5, 5A, 10, 11, 12, 13, and 28.

J. R. Harvey,
Assistant Engineer.

JRH:R

APPROVED:

C. H. Young.

Form HSE-601—1M—11-37

1149607

APPLICATION NO. .....

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

RECEIVED
JUN 29 1938
DISTRICT "C" OFFICE

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

June 28, 1938
(Date)

From BOARD OF COMMISSIONERS OF BUTLER TOWNSHIP, BUTLER COUNTY, PA.
(Name of Municipality or "Person") (County)

IF A "PERSON": Project is located in The Township of Butler
(Name of Municipality or Township)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF REVENUE" FOR FIVE DOLLARS MUST BE ATTACHED HERETO AS A "FILING FEE."

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987 "the corporate authorities having by law charge of the sewer system" of Butler Township
(Name of Municipality)
or ..... (Name of person) in Butler County,
in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for

1. Oakvale Sewer, Projects Nos. 1, 2 nd 3

(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail.

2. Pennsylvania State T.B. Sanatorium.

If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made herein. If

3. Lewis Avenue Sewer.

the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence satisfactory to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, for which the applicant seeks a permit, is not or will not become inimical or injurious to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial consumption or for recreation.)

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by

L.C.D. GREENOUGH, C.E.
(Name of Engineer)

and in the report thereon prepared by L.C.D. Greenough, C.E.
(Name of Engineer)

all of which are made part of this application BOARD OF COMMISSIONERS OF BUTLER TWP.

Leo E. McLaughlin
(Name)

SECRETARY.
(Title)

(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA }
COUNTY OF BUTLER } SS:

LEO E. McLAUGHLIN being duly Sworn according to law deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Board of Commissioners of the Township of Butler and approved by the Board of Commissioners thereof, on the 27th day of May 19 38 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

Sworn to and subscribed Leo E. McLaughlin
(Name)

SECRETARY.
(Title)

before me this 28th

day of June 19 38

John W. Krisko
Notary Public

My Commission expires March 16, 1933

HSE-664—1M—4-40

Application	June 28, 1938	No. 7361	Name
Issued	Oct. 23, 1943	Vol. 225 No. 5658	Place Butler Township
Recorded	Jan. 31, 1944 Deed	Vol. 523 Page 229	County Butler
Report by	Harvey	No. 6163 Vol. 225	File No.

Conditions and Stipulations	Disposition
* * * Butler Township, Butler County, in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewers as these are shown upon 3 plans and a folio of 5 plans supplementing the application. The plans, the titles and dates of receipt of which are recorded in the District Engineer's Report dated July 14, 1938, were prepared by L. C. D. Greenough, Registered Engineer, Butler, Pennsylvania. And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, and 18. This permit is issued in response to an application (No. 7361) filed in the Meadville Office of the Pennsylvania Department of Health on the 29th day of June A. D. 1938. TO BE RECORDED IN BUTLER COUNTY	

11496 11

1149613

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-5658

NUMBER 10,909 SE 52048.693

PERMIT 6527

U.S. ARMY GENERAL HOSPITAL SEWAGE TREATMENT WORKS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-6523

NUMBER 10909 SE. 52048-693

Form HSE-601—1500—12-39

Appendix A-20-b

APPLICATION NO. .....

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

April 1, 1943
(Date)

From U. S. Army General Hospital, Butler, (County)
(Name of Municipality or "Person")

IF A "PERSON": Project is located in Butler Twp., Butler, Co.
(Name of Municipality or Township)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF REVENUE" FOR FIVE DOLLARS MUST BE ATTACHED HERETO AS A "FILING FEE."

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987 "the corporate authorities having by law charge of the sewer system" of U. S. Army General Hospital (Name of Municipality) in Butler, County, or (Name of person) in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for Extensions to the U. S. Army General Hospital in Butler Twp, Butler County, as shown on plans attached.

(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail. If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made herein. If the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence satisfactory to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, for which the applicant seeks a permit, is not or will not become inimical or injurious to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial consumption or for recreation.)

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by

Hunting, Davis & Dunnells, Inc.
(Name of Engineer)

and in the report thereon prepared by Hunting, Davis & Dunnells, Inc.
(Name of Engineer)

all of which are made part of this application.

(Name)

Wm. C. Brewster, Project Manager
(Title)

P. O. Box 511, Butler, Pa.
(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA }SS:
COUNTY OF

William C. Brewster being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a contract duly adopted by the between the U. S. of America and the Hunting, Davis & Dunnells, Inc. and approved by the Under Secretary of War thereof, on the Oct. 15, 1942 day of 19 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

(Name)

PROJECT MANAGER
(Title)

Sworn to and subscribed before me this 2nd day of April 1943

Leonard F. Nicholson
Notary Public

My Commission expires NOTARY PUBLIC My Commission Expires Jan. 5, 1947

1149577

EXCERPTS—From Act 394, approved June 22, 1937, P. L. 1987.

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article I, Section 1.

"'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article II, Section 206.

Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

Article II, Section 207.

Approval of Plans, Designs, and Relevant Data by the Sanitary Water Board.

"All plans, designs, and relevant data for the construction of any new sewer system, or for the extension of any existing sewer system, by a municipality, or for the erection, construction, and location of any treatment works or intercepting sewers by a person or municipality, shall be submitted to the board for its approval before the same are constructed or erected or acquired. ....."

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P. L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

SECOND CLASS TOWNSHIPS: See Art. 15 of Act approved May 1, 1933, P. L. 103 and Act 503, approved July 1, 1937.

CITIES OF FIRST CLASS: SEWER DISTRICTS: See Act 261, approved May 28, 1937, P. L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P. L. 463, amended by Act approved May 20, 1937, P. L. 739.

SEWERS CONSTRUCTED JOINTLY—For Laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P. L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Sections 2440-2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Sections 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P. L. 630.

NON-DEBT SEWER REVENUE BONDS: See (First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Townships) Act 146 approved May 7, 1937, P. L. 571.

Appendix A-20-b

RESOLUTION OF THE SANITARY WATER BOARD

RELATIVE TO FEES:—(Adopted September 28, 1937)

"WHEREAS, Section 609 of Act 394, approved June 22, 1937, authorized the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued,'

"THEREFORE BE IT RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a filing fee of $5.00 which in the form of a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, shall accompany each application for the issuance of a permit under said Act, and

"BE IT FURTHER RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a fee of $20.00 to be paid by a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, by persons and municipalities prior to the issuance of a permit to them under said Act.

"PROVIDED, HOWEVER, That filing and permit fees shall not be required from branches of the government of the United States or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. Attested Rec'd

For

PLANS: Number of Rec'd

Serial No.

ASSIGNED TO Date Field Ins'p

REPORT BY Dated Rec'd

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

HSE-684-2M-12-39

119581

DNR.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

The Sanitary Water Board, which by virtue of The Administrative Code approved June 7, 1923, P.L. 498, and the amendments thereto and of Act approved June 22, 1937, P.L. 1987, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation", hereby issues this permit to the United States of America, War Department, for the U. S. Army General Hospital, known as the Bechen General Hospital, located in Butler Township, Butler County, in response to an application made by a Federal Agency on behalf of the Hospital, and hereby approves, subject to certain conditions, the proposed additions to the sewage treatment works as these are shown upon three plans supplementing the application. The plans, which are numbered SP-700 to SP-702 inclusive, and are dated March 27th, 1943, with revisions dated 6/21/43, bear the general title, "General Hospital, U.S. Army Butler, Penna.', and the following subtitles, "Sewage Disposal Plant Plot Plan - Sludge Beds"; "Sewage Disposal Plant Filters & Imhoff Tanks"; and "Sewage Disposal Plant Miscellaneous Details"; were received in the Meadville Office of the Pennsylvania Department of Health on July 2, 1943, and were prepared by Hunting, Davis & Dunnells, Inc., Engineers.

This permit is issued subject to the following Special Conditions:

A. Should the Hospital laundry be placed in operation and the waste water discharge therefrom adversely affect the efficiency of the sewage treatment works, provisions shall be made to regulate the laundry discharge or to provide pre-treatment of those wastes if necessary, to maintain a properly modified treatment plant effluent as discharged to the waters of the State.

B. In the event excessive wet weather sewage flows are received at the treatment works, a study of the sewer system shall be made and means for reducing ground water infiltration provided.

HSE-684b-2M-12-39

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 6, 7, 11, 14, 15, 20, 21, 22, 23, 24, 25, 26, and 27.

This permit is issued in response to an application (No. [illegible]) filed in the Meadville Office of the Pennsylvania Department of Health on the Seventh day of April A. D. 19 43.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____

Secretary of Health
Chairman

Attest: _____

Asst. Chief Engineer
~~Civil Engineer~~
Secretary

Harrisburg, Pennsylvania.
October 26, 1943

HSE-664—1M—440

Recd. Apr. 9, 1943 - Hbg.
Recd. Apr. 7, 1943 - Dist. C.
Application Apr. 1, 1943 No. A-241

Issued Oct. 26, 1943 Vol. 261 No. 6527

Recorded Vol. Page

Report by Young No. 7056 Vol. 261

Name U. S. Army General Hospital

Place Butler Township

County Butler County

File No.

Conditions and Stipulations

* * * the United States of America, War Department, for the U. S. Army General Hospital, known as the Deshon General Hospital, located in Butler Township, Butler County, in response to an application made by a Federal Agency on behalf of the Hospital, and hereby approves, subject to certain conditions, the proposed additions to the sewage treatment works as these are shown upon 3 plans supplementing the application. The plans, which are numbered 5P-700 to 5P-702 inclusive, and are dated March 27th, 1943, with revisions dated 6/21/43, bear the general title, "General Hospital, U.S. Army Butler, Penna.", and the following subtitles, "Sewage Disposal Plant Plot Plan - Sludge Beds"; "Sewage Disposal Plant Filters & Imhoff Tanks"; and "Sewage Disposal Plant Miscellaneous Details"; were received in the Meadville Office of the Pennsylvania Department of Health on July 2, 1943; and were prepared by Hunting, Davis & Dunnells, Inc., Engineers.

This permit is issued subject to the following Special Conditions:

A. Should the Hospital laundry be placed in operation and the waste water discharge therefrom adversely affect the efficiency of the sewage treatment works, provisions shall be made to regulate the laundry discharge or to provide pretreatment of these wastes if necessary, to maintain a properly modified treatment plant effluent as discharged to the waters of the State.

B. In the event excessive wet weather sewage flows are received at the treatment works, a study of the sewer system shall be made and means for reducing ground water infiltration provided.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 6, 7, 11, 14, 15, 20, 21, 22, 23, 24,

25, 26, and 27.

Disposition

Cancelled
Reassigned to Butler Twp., Butler Co.
~~1/26/59~~ 1/6/59

1149583

Conditions and Stipulations	Disposition
This permit is issued in response to an application (No. A-241) filed in the Meadville Office of the Pennsylvania Department of Health on the 7th day of April A. D. 1943. TO BE RECORDED IN BUTLER COUNTY	149584

1149585

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-6527

NUMBER 10.909 SE. 52048-693

PERMIT 6560

WESTERN PENNSYLVANIA TUBERCULOSIS SANITARIUM
SEWER SYSTEM & SEWAGE TREATMENT WORKS

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-65-0

NUMBER 10909 SE 52048 .693

Appendix A-20-b

1149587

DNR.

Form HSE-601—1M—11-37

APPLICATION NO.

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

December 2, 1938
(Date)

From Pennsylvania Department of Health
(Name of Municipality or "Person")

(County)

IF A "PERSON": Project is located in

(Name of Municipality or Township)

To the Sanitary Water Board,

Secretary of Health, Chairman,

Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMONWEALTH OF PENNSYLVANIA—DEPARTMENT OF REVENUE" FOR FIVE DOLLARS MUST BE ATTACHED HERETO AS A "FILING FEE."

Gentlemen:

In accordance with the provisions of The Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1987 "the corporate authorities having by law charge of the sewer system" of Western Penna. Tuberculosis
(Name of Municipality)

or Sanatorium in Butler Township in Butler County,
(Name of person)

in the Commonwealth of Pennsylvania, hereby makes application for the issuance of a permit for a sewerage system comprising collecting sewers, main trunk sewer,
(Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail.

sewage treatment works and outfall sewer therefrom for the collection
If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made herein. If

and treatment of the sewage of the Western Pennsylvania Tuberculosis
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence

Sanatorium in Butler Township, Butler County, with the effluent of the
satisfactory to the Sanitary Water Board that the discharge of sewage to the waters of the Commonwealth, for which the applicant seeks a permit, do

treatment works discharged into a tributary of Connoquenessing Creek.
not or will not become inimical or injurious to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial

consumption or for recreation.)

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by

The J. N. Chester Engineers
(Name of Engineer)

and in the report thereon prepared by (Name of Engineer)

all of which are made part of this application.

(Sig.) Edith MacBride-Dexter
(Name)

Secretary of Health
(Title)

Harrisburg, Pa.
(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA }
COUNTY OF } SS:

Edith MacBride-Dexter being duly sworn according to law deposes and says that the foregoing application is made in pursuance of her capacity duly adopted by the as Secretary of Health of the in charge of the and approved by the said Sanatorium day of 19. and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of her knowledge and belief.

(Sig.) Edith MacBride-Dexter
(Name)

Secretary of Health
(Title)

to and subscribed before me this

day of 19

Notary Public

My Commission expires

RELEVANT STATE LAWS

1149589

EXCERPTS—From Act 394, approved June 22, 1937, P. L. 1987.

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article I, Section 1.

"'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article II, Section 206.

Application for Permits for the Discharge of Sewage.—(The Sanitary Water Board may issue Permit for Discharge of Sewage)—

"No such permit shall be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth, or by any decree, order, sentence or judgment of any court, or by the ordinances of any municipality, or by the rules and regulations of any water company supplying water to the public, or by laws relative to navigation."

BOROUGHS: Act approved May 4, 1927, P. L. 519.

Section 2107.—"No contract for the construction of any such sewer system shall be entered into, until a permit for the construction of the same shall have been obtained from the Sanitary Water Board."

FIRST CLASS TOWNSHIPS: See Art. 24 and Art. 26 of Act approved May 4, 1927, P. L. 519, and Section 2601 as amended by Act 502, approved July 1, 1937.

SECOND CLASS TOWNSHIPS: See Art. 15 of Act approved May 1, 1933, P. L. 103 and Act 503, approved July 1, 1937.

CITIES OF FIRST CLASS: SEWER DISTRICTS: See Act 261, approved May 28, 1937, P. L. 950.

MUNICIPAL AUTHORITIES: Created under Act approved June 28, 1935, P. L. 463, amended by Act approved May 20, 1937, P. L. 739.

SEWERS CONSTRUCTED JOINTLY—For laws relating to sewers constructed jointly by Cities of the third class, Boroughs, and Townships of the first and second classes, under the supervision of joint sewer boards, see the following Acts: CITIES OF THE THIRD CLASS June 23, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P. L. 17, and May 27, 1937, P. L. 915; BOROUGHS, May 4, 1927, P. L. 519, Sections 2120-2121, as amended April 4, 1935, P. L. 15 and July 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 1026, Sections 2440-2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 1, 1933, P. L. 103, Sections 1540-1541, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act approved July 18, 1935, P. L. 1286, amended by Act approved May 14, 1937, P. L. 630.

NON-DEBT SEWER REVENUE BONDS: See (First Class Cities) Act 260, approved May 28, 1937, P. L. 947; (Third Class Cities) Act 148 approved May 7, 1937, P. L. 578; (Boroughs) Act 149 approved May 7, 1937, P. L. 582; (First Class Townships) Act 147 approved May 7, 1937, P. L. 574; and (Second Class Townships) Act 146 approved May 7, 1937, P. L. 571.

RESOLUTION OF THE SANITARY WATER BOARD

RELATIVE TO FEES:—(Adopted September 28, 1937)

"WHEREAS, Section 609 of Act 394, approved June 22, 1937, authorized the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued,'

"THEREFORE BE IT RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a filing fee of $5.00 which in the form of a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, shall accompany each application for the issuance of a permit under said Act, and

"BE IT FURTHER RESOLVED, That the Board pursuant to the aforesaid authority, hereby fixes a fee of $20.00 to be paid by a check made payable to the order of the Commonwealth of Pennsylvania, Department of Revenue, by persons and municipalities prior to the issuance of a permit to them under said Act.

"PROVIDED, HOWEVER, That filing and permit fees shall not be required from branches of the government of the United States or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. Attested Rec'd

For

PLANS: Number of Rec'd

Serial No.

ASSIGNED TO Date Field Ins'p

REPORT BY Dated Rec'd

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

149591

HSE-684-2M-12-39

1959

DNR.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

The Sanitary Water Board, which by virtue of The Administrative Code approved June 7, 1923, P.L. 498, and the amendments thereto and of Act approved June 22, 1937, P.L. 1987, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation", hereby issues this permit to the General State Authority of the Commonwealth of Pennsylvania in response to an application from the said Authority and hereby approves, subject to certain conditions, the proposed sanitary sewer system and sewage treatment works to serve the Western Pennsylvania Tuberculosis Sanatorium in Butler Township, Butler County, as these are shown upon two folios of plans, consisting of a cover sheet and three plans, and a cover sheet and seven plans supplementing the application. The plans of the first folio, the cover sheet of which bears the title: "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract #1 Main Trunk Sewer The General State Authority --- P.W.A. Project Docket No. Pa. 3293F", bear the general title, "Western Pennsylvania Tuberculosis Sanatorium

Butler Township, Pennsylvania The General State Authority ---", and the subtitles, "Main Trunk Sewer Sh.#1---Date Nov. 1938 Sheet No. 2125/11, "Main Trunk Sewer Sh. #---Date Nov. 1938 Revised 11/15/38 Sheet No. 2125/12, and "Standard Drawings No. 1 -- Date Nov. 1938 Sheet No. 2125/13". The plans of the second folio, the cover sheet of which bears the title, "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract #2 The General State Authority --- P.W.A. Project Docket No. Pa. 3203-F", bear the general title: "Western Pennsylvania Tuberculosis Sanatorium Butler Township, Pennsylvania. The General State Authority ---", and the subtitles: "Standard Drawings --- Sheet No. 2125/14", "Standard Drawings --- Sheet No. 2125/15", "General Arrangement --- Nov. 1938 Revised 12/8/38 Sheet No. 2125/16", "Administration & Screen Chamber Bldgs.--- Date Nov. 1938 Revised 12/8/38 Sheet No. 2125/17", "Sludge Drying Beds And Imhoff Tank --- Date 11-17-38 Revised 12/8/38 Sheet No. 2125/18", "Trickling Filter & Humus Tank --- Revised 12/8/38 Sheet No. 2125/19", and "Standard Drawings --- Date Dec. 1938 Sheet No. 2125/20"; were prepared by The Chester Engineers, Pittsburgh, and were received in the Meadville Office of the Pennsylvania Department of Health, the first folio having been received on November 14, 1938, and the second on December 12, 1938.

HSE-684a-2M-12-39

1149593

This permit is issued subject to the following Special Conditions:

A. The water derived from the well in the control house shall be effectively chlorinated at all times and at each outlet connected to the water distribution system there shall be maintained a permanent and easily legible sign warning against the use of the water for potable purposes. Attention is directed to the need for providing at the treatment works a suitable water supply of potable character to replace that from the proposed shallow well.

HSE-684b-2M-12-39 114959

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, and 27.

This permit is issued in response to an application (No. 7403) filed in the Harrisburg Office of the Pennsylvania Department of Health on the 2nd day of December A. D. 19 38, and confirms the ad interim approval of the outfall sewer issued by the Secretary of Health on November 18, 1938.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____

Secretary of Health
Chairman

Attest: _____

Asst. Chief Engineer
Civil Engineer
Secretary

Harrisburg, Pennsylvania.
July 13, 1943

HSE-664—1M—4-40

Recd. May 25, 1943 - Hbg.
Application Dec. 2, 1938 No. 7463

Issued July 13, 1943 Vol. 235 No. 6560

Recorded Feb. 16, 1944 Vol. Deed 523 Page 379

Report by Young No. 6420 Vol. 235

Name Western Penna. Tuberculosis Sanatorium
Place Butler Township
County Butler
File No.

Conditions and Stipulations

Disposition

Cancelled
Re-assigned to Butler Twp.,
Butler Co. water
1/6/59

* * * the General State Authority of the Commonwealth of Pennsylvania in response to an application from the said Authority and hereby approves, subject to certain conditions, the proposed sanitary sewer system and sewage treatment works to serve the Western Pennsylvania Tuberculosis Sanatorium in Butler Township, Butler County, as these are shown upon 2 folios of plans, consisting of a cover sheet and 3 plans, and a cover sheet and 7 plans supplementing the application. The plans of the first folio, the cover sheet of which bears the title: "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract #1 Main Trunk Sewer The General State Authority --- P.W.A. Project Docket No. Pa. 3293F", bear the general title, "Western Pennsylvania Tuberculosis Sanatorium Butler Township, Pennsylvania The General State Authority ---", and the subtitles, "Main Trunk Sewer Sh. #1---Date Nov. 1938 Sheet No. 2125/11, "Main Trunk Sewer Sh. 2 --- Date Nov. 1938 Revised 11/15/38 Sheet No. 2125/12, and "Standard Drawings No. 1 -- Date Nov. 1938 Sheet No. 2125/13". The plans of the second folio, the cover sheet of which bears the title, "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract #2 The General State Authority --- P.W.A. Project Docket No. Pa. 3293-F", bear the general title: "Western Pennsylvania Tuberculosis Sanatorium Butler Township, Pennsylvania. The General State Authority ---", and the subtitles: "Standard Drawings --- Sheet No. 2125/14 ", "Standard Drawings --- Sheet No. 2125/15", "General Arrangement --- Nov. 1938 Revised 12/8/38 Sheet No. 2125/16", "Administration & Screen Chamber Bldgs. --- Date Nov. 1938 Revised 12/8/38 Sheet No. 2125/17", "Sludge Drying Beds And Imhoff Tank --- Date 11-17-38 Revised 12/8/38 Sheet No. 2125/18", "Trickling Filter & Humus Tank --- Revised 12/8/38 Sheet No. 2125/19", and "Standard Drawings --- Date Dec. 1938 Sheet No. 2125/20 "; were prepared by The Chester Engineers, Pittsburgh, and were received in the

Conditions and Stipulations	Disposition

Meadville Office of the Pennsylvania Department of Health, the first folio having been received on November 14, 1938, and the second on December 12, 1938.

This permit is issued subject to the following Special Conditions:

A. The water derived from the well in the control house shall be effectively chlorinated at all times and at each outlet connected to the water distribution system there shall be maintained a permanent and easily legible sign warning against the use of the water for potable purposes. Attention is directed to the need for providing at the treatment works a suitable water supply of potable character to replace that from the proposed shallow well.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

2, 3, 4,5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17,

18, 19, 20, 21, 22, 23, 24, 25, 26, and 27.

This permit is issued in response to an application (No. 7463) filed in the Harrisburg Office of the Pennsylvania Department of Health on the 2nd day of December A. D. 1938, and confirms the ad interim approval of the outfall sewer issued by the Secretary of Health on November 18, 1938.

TO BE RECORDED IN BUTLER COUNTY

11453

Form HSE-664—1M—4-38

Application	No. 7063	Name	State Sanatorium for Tuberculosis
Issued	Vol. No.	Place	Butler Twp.
Recorded	Vol. Page	County	Butler
Report by	No. Vol.	File No.	

DNR

Conditions and Stipulations

Disposition

This S.T. Wtco. placed in operation Nov. 9, 1942 per E.H.Young

November 18, 1938

Colonel A. S. Janeway
Executive Director
The General State Authority
Harrisburg, Pennsylvania

Dear Colonel Janeway:

The Bureau of Engineering of this Department has reported to me concerning the plans for the outfall sewer leading from the new State Sanatorium for Tuberculosis being constructed in Butler Township, Butler County, to the site for the sewage treatment works to serve this institution.

Although the detail plans for the treatment works for this institution have not been submitted for our approval as yet, the Bureau's examination of the plans for the outfall sewer shows that these are of generally satisfactory design; will conform with the sewage treatment works outline plans which have been submitted; and that the proposed outfall sewer can be approved for construction, subject to the appropriate conditions. Because of the need for prompt approval in order that this outfall sewer may be placed under construction, the Bureau has recommended approval, subject to certain conditions.

Approving the recommendation of the Bureau and in accordance with the authority of the Sanitary Water Board, as Secretary or Health, I hereby approve, subject to the appropriate conditions, the proposed outfall sewer as this is shown upon a rollo or three plans and a title page bearing the following title "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract #1 Main Trunk Sewer", the individual plans being designated as "Main Trunk Sewer Sh.#1", "Main Trunk Sewer Sh.2" and "Standard Drawings No. 1"; the plans having been prepared by the Chester Engineers, Pittsburgh, Pennsylvania, and having been received in the Meadville Office of the Pennsylvania Department of Health on November 14, 1938.

1149597

Conditions and Stipulations	Disposition

The conditions referred to include: no change or plans without written approval; construction under expert supervision and competent inspection; exclusion or roor and storm water; construction with tight joints, straight alignment, and smooth interior surfaces; construction or the necessary manholes; proper maintenance or the sewers; riling or plans upon completion or the work; the adoption or remedial measures in case or any menace to the public health or the creation or a public nuisance; and compliance with laws including that relating to proressional engineering.

In accordance with arrangements made between our District Engineer and the Chester Engineers, the sewer will be lowered at the point where it crosses part or the Durfy farm in the vicinity or Stations 77 + 41.40 to 83 + 96.35.

We are advising you of our approval or this sewer in order that you may take the necessary steps to proceed with the actual construction or this sewer in accordance with the aforesaid conditions and with the provisions under which your Authority is constructing this sewer.

In order that the Public WorksAdministration may have knowledge of our aforesaid approval, we are forwarding a copy or this letter to that Administration.

Yours very truly,

Edith MacBride-Dexter, M.D.
Secretary or Health
Chairman, Sanitary Water Board

ELD:m:Mr. Horfert

1149598

1149599

DS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant p-6560

NUMBER 10.909 SE. 52048.693

PERMIT 8430S

SEWER EXTENSION IN BUTLER TOWNSHIP

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8430

NUMBER 10.909 SE. 52048-693

Appendix A-20-b

[illegible]

[illegible]F.D

DISTRICT [illegible] OFFICE

8430-S
BUTLER TOWNSHIP, SEWERAGE
BUTLER COUNTY

December 15, 1953

Russell E. Teague, M. D.

Secretary of Health

Dear Doctor Teague:

The report on municipal sewerage in Butler Township, Butler County, consisting of approximately 17,900 lineal feet of 8" and 10" sanitary trunk and lateral sewer extensions to serve the Bon Aire and Homewood areas; and approximately 7,500 lineal feet of 10" to 18" sanitary trunk sewer to serve the Highfield area; and sanitary sewer laterals in the Highfield area, the Steelton Avenue Area, Beverly Way and Pleasantview Avenue, dated October 23, 1953, by Assistant Engineer W. R. Hager and approved by District Engineer J. R. Harvey, is hereby concurred in, and it is recommended that the attached permit be issued to Butler Township, Butler County.

Respectfully submitted,

C. H. Young
Division Engineer

Approved:

. . . . . .

J. R. Hoffert
Chief Engineer

RECEIVED
JAN 11 1954
DISTRICT "C" OFFICE
DNR.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
8430-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to two applications from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary trunk and lateral sewer extensions, as shown upon a general plan and two folios of plans accompanying the application. The plans, the titles and numbers of which are set forth in the District Engineer's Report, were prepared by Greenough - McMahon & Greenough Inc., Engineers and Surveyors, and bear the seal of L. C. D. Greenough as a Registered Professional Engineer, and were received in the Meadville Office of the Pennsylvania Department of Health on October 16, 1953.

USE-6693—2M-10-49

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, and 17.

This permit is issued in response to an application (No. 1759-S & 1765-S) filed in the Meadville Office of the Pennsylvania Department of Health on the 1st & 10th days of September A. D. 1953 respectively in accordance with the authorization given by the Sanitary Water Board at its meeting on December 2-3, 1953.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Russell E. Teague, M. D.
Secretary of Health
Chairman

Attest: _____
John M. Gittins
Secretary

Harrisburg, Pennsylvania
JAN 8 1954

11495

H&E-6664—1500—10-49

Application September 3, 1953 No. 1759-S

Issued JAN 8 1954 Vol. 321-S No. 8430-S

Recorded ____ Vol. ____ Page ____

Report by W. R. Hager No. 8430-S Vol. 321-S

Name Butler Township

Place Butler Township

County Butler County

File No. ____

Conditions and Stipulations

Disposition

***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to two applications from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary trunk and lateral sewer extensions, as shown upon a general plan and two folios of plans accompanying the application. The plans, the titles and numbers of which are set forth in the District Engineer's Report, were prepared by Greenough - McMahon & Greenough Inc., Engineers and Surveyors, and bear the seal of L. C. D. Greenough as a Registered Professional Engineer, and were received in the Meadville Office of the Pennsylvania Department of Health on October 16, 1953.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, and 17.

1149520

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-843D

NUMBER 10909 SE 52048-693

PERMIT 8640S

SEWER EXTENSION IN BUTLER TOWNSHIP

1149614

LR-005-17

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8640

NUMBER 10.909 SE. 52048.693

HSE—6000—6M—6-49

1149624

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

RECEIVED
JUN 24 1955
DISTRICT "C" OFFICE

SEWERAGE PERMIT
8640-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon a folio of plans accompanying the application. The folio has four plans bearing the respective subtitles, "Greenhill 'Brandehill'", "Greenhill Drive - Red Oak Road", "Greenhill Drive - 'Brandehill'" and "Brandehill Plan of Lots", and the general title, "Butler Twp. Butler Co. Penna.". The folio of plans was prepared by Greenough-McMahon & Greenough, Inc., Engineers & Surveyors, and bears the seal of William D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on January 28, 1955 with the exception of the third of the aforesaid plans which was received in the aforesaid office on March 8, 1955.

HSE-6692—2M-10-49

1149625

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 1958-S) filed in the Meadville Office of the Pennsylvania Department of Health on the second day of February A. D. 1955 in accordance with the authorization given by the Sanitary Water Board at its meeting on June 15-16, 1955.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Berwyn F. Mattison, M. D.
Secretary of Health
Chairman

Attest: _____
John W. Gittins
Secretary

Harrisburg, Pennsylvania
JUN 21 1955

1149626

RECEIVED
JUN 24 1955
DISTRICT "C" OFFICE

8640-S
BUTLER TOWNSHIP, SEWERAGE
BUTLER COUNTY

June 13, 1955

Berwyn F. Mattison, M. D.

Secretary of Health

Dear Doctor Mattison:

The report on municipal sewerage in Butler Township, Butler County, consisting of 8" sanitary sewer extensions in the Brandehill Plan of Lots, with discharge of the sewage to the city of Butler's system and complete treatment works, dated May 9, 1955, by Assistant Engineer John P. Durr and approved by Regional Sanitary Engineer J. R. Harvey, is hereby concurred in, and it is recommended that the attached permit be issued to Butler Township, Butler County.

Respectfully submitted,

C. H. Young
Division Engineer

Approved:

. . . . . .
H. E. Moses
Director of Bureau of Engineering

HSE-6301—15C—9-54 COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated January 31,1955 No. 1958-S
Date Permit Issued 6-21-55 Vol. 336-S No. 8640-S
Date Recorded Vol. Page
Regional Office Report by John P. Durr
Engineer's Study by Young No. 8640-S

Name Supervisors of Butler Twp.
Place Butler Township
County Butler
File No.

Conditions and Stipulations

Disposition

***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon a folio of plans accompanying the application. The folio has four plans bearing the respective subtitled, "Greenhill 'Brandehill'", "Greenhill Drive - Red Oak Road", "Greenhill Drive - 'Brandehill'" and "Brandehill Plan of Lots", and the general title, "Butler Twp. Butler Co. Penna." The folio of plans was prepared by Greenough-McMahon & Greenough, Inc., Engineers & Surveyors, and bears the seal of William D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on January 28, 1955 with the exception of the third of the aforesaid plans which was received in the aforesaid office on March 8, 1955.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

1149627

1149629

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

END

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8640

NUMBER 10,909 SE. 52048-693

PERMIT 8655S

SEWER EXTENSION IN BUTLER TOWNSHIP

149630

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant D-8655

NUMBER 10.909 SE 52048-693

1149631

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
3659-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan entitled, "Proposed Sanitary Sewer Rotzgar Av - Butler Twp., Pa." The plan was prepared by Greenough-Nelson & Greenough, Inc., Engineers and bears the seal of L. C. D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on June 4, 1956.

RECEIVED
AUG 13 1956
DISTRICT ENGR OFFICE

HSE-6692—2M-10-49

1149639

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 19 and 27.

This permit is issued in response to an application (No. 2020-S) filed in the Meadville Office of the Pennsylvania Department of Health on the seventeenth day of June A. D. 1955 in accordance with the authorization given by the Sanitary Water Board at its meeting on July 20-21, 1955.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Norwyn F. Mattison, M. D.
Secretary of Health
Chairman

Attest: _____
John W. Gittins
Secretary

Harrisburg, Pennsylvania
JUL 29 1955

1149640

8655-S
BUTLER TOWNSHIP, SEWERAGE
BUTLER COUNTY

July 19, 1955

Borwyn F. Mattison, M. D.

Secretary of Health

Dear Doctor Mattison:

The report on municipal sewerage in Butler Township, Butler County, consisting of approximately 500 lineal feet of sanitary sewer extension on Metzgar Avenue, dated June 29, 1955, by Assistant Engineer W. R. Hager, and approved by Regional Sanitary Engineer J. R. Harvey, is hereby concurred in, and it is recommended that the attached permit be issued to Butler Township, Butler County.

Respectfully submitted,

C. H. Young
Division Engineer

Approved:

. . . . . .

H. E. Moses
Director Bureau of Sanitary Engineering

RECEIVED
AUG 1 1955
DISTRICT "C" OFFICE

Appendix A-20-b

HSE-6301—15C—9-54

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated May 31, 1955 No. 2020-S
Date Permit Issued JUL 29 1955 Vol. 337-S No. 8655-S
Date Recorded ____ Vol. ____ Page ____
Regional Office Report by W. R. Hager
Engineer's Study by Young No. 8655-S

Name Board of Commissioners of Butler Twp
Place Butler Township
County Butler
File No. ____

Conditions and Stipulations

Disposition

"", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan entitled, "Proposed Sanitary Sewer Metzgar Av - Butler Twp., Pa." The plan was prepared by Greenough-McMahon & Greenough, Inc., Engineers and bears the seal of L. C. D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on June 4, 1955.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

1149641

ER-OS-18

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8655

NUMBER 10.909 SE. 52048 - 693

PERMIT 8708S

SEWER EXTENSION IN BUTLER TOWNSHIP

114952

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8708

NUMBER 10.909 SE. 52048-693

1149537

HSE—4400—SM—6-49

DNR.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

RECEIVED
DEC 19 1955
DISTRICT "C" OFFICE

SEWERAGE PERMIT
3703-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan accompanying the application. The plan bears the general title, "Plan for School - Proposed San S. Butler Twp. Butler Co. Pa. - ". The plan was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L.C.D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on September 27, 1955.

HSE-6092—2M-10-49

1149538

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 1062-S) filed in the Meadville Office of the Pennsylvania Department of Health on the twenty-fourth day of September A. D. 1955 in accordance with the authorization given by the Sanitary Water Board at its meeting on December 7-8, 1955.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Theodore B. Hattison, M. D.
Secretary of Health
Chairman

Attest: _____
John F. Gitting
Secretary

Harrisburg, Pennsylvania
DEC 1 1955

1149539

HSE 6307

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . . December 16, 1955 . . .
(Date)

there was recorded in Book 679 . . . . . .

page. 39 . . . . . the sewerage permit issued

to . . . . . Board of Commissioners of Butler Township
Leo E. McLaughlin, Secretary
R.F.D. 10 . . W. Penn Road . . . . . .
Butler, Pennsylvania

bearing date of December 14, 1955 . . . . . .

Raymond P. Bowser
Recorder of Deeds for

. . . Butler . . . County

HSE-6301—15C—9-54

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated 9/19/55 No. 2062-S | Name Commissioners of Butler Twp.
Date Permit Issued 12/14/55 Vol. 340-S No. 8708-S | Place Butler
Date Recorded Vol. Page | County Butler
Regional Office Report by Harvey
Engineer's Study by Young No. 8708 | File No 516

Conditions and Stipulations	Disposition

8708-S

---Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan accompanying the application. The plan bears the general title, "Bon Air School - Proposed San S. Butler Twp. Butler Co. Pa.-". The plan was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L.C.D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on September 27, 1955.

And this permit is further subject to the following numbered Standard Conditions of "Standard Conditions Relating To Sewerage" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27.

11495-1

PERMIT 8756S

SEWER EXTENSION IN BUTLER TOWNSHIP

116941

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8756

NUMBER 10,909 SE 52048-693

HSE-6301—15C—9-54

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated	November 10, 1955	No. 2115-S	Name Butler Township
Date Permit Issued	4-2-56	Vol. 344-S No. 8756S	Place
Date Recorded		Vol. Page	County Butler
Regional Office Report by	John P. Durr		
Engineer's Study by	Young	No. 8756S	File No. 516

Conditions and Stipulations

Disposition

***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon a folio of plans accompanying the application. The folio has nine plans numbered from Sheet 1/9 to Sheet 9/9 inclusive, entitled, "Grandview Sanitary Sewers Butler Twp. Butler Co., Pa." with the exception of plans numbered Sheet 1/9 and Sheet 3/9 which are entitled, "Grandview Sanitary Sewers Butler Twp. Butler Co. Penna.". The folio of plans was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L.C.D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on December 1, 1955.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

Appendix A-20-b

RECEIVED

AUG 1956

REGION III

114953

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
8756-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;****", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions as shown upon a folio of plans accompanying the application. The folio has nine plans numbered from Sheet 1/9 to Sheet 9/9 inclusive, entitled, "Grandview Sanitary Sewers Butler Twp. Butler Co. Pa." with the exception of plans numbered Sheet 1/9 and Sheet 3/9 which are entitled, "Grandview Sanitary Sewers Butler Twp. Butler Co. Penna.". The folio of plans was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L.C.D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on December 1, 1955.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2115-S) filed in the Meadville Office of the Pennsylvania Department of Health on the first day of December A. D. 1955 in accordance with the authorization given by the Sanitary Water Board at its meeting on March 21, 1956.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Dorwyn F. Mattison, M. D.
Secretary of Health
Chairman

Attest: _____
John K. Gitting
Secretary

Harrisburg, Pennsylvania

1149455

RECEIVED
APR 5 - 1956
REGION III

8756-S
SEWERAGE
BUTLER TOWNSHIP
BUTLER COUNTY

March 20, 1956

Boreyn F. Mattison, M. D.

Secretary of Health

Dear Doctor Mattison:

The report on municipal sewerage in Butler Township, Butler County, consisting of 8" sanitary sewers in the Grandview Plan with discharge of the sewage to the township's existing system, the city of Butler's system and sewage treatment works of complete treatment and Connoquenessing Creek, dated February 8, 1956 by Assistant Engineer John P. Durr and approved by Regional Sanitary Engineer J. R. Harvey, is hereby concurred in, and it is recommended that the attached permit be issued to Butler Township, Butler County.

Respectfully submitted,

C. H. Young
Division Engineer

Approved:

. . . . . .

H. E. Moses
Director Bureau of Engineering

Appendix A-20-b

1149456

HSE 6307

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on .... April 7, 1952 .....
(Date)

there was recorded in Book . 683 .....

page . . 8 ..... the sewerage permit issued

to . Butler Township, Butler County, Pa. .

bearing date of . April 7, 1952 .....

Clair K. Halstead .
Recorder of Deeds for

. Butler .... County

Board of Commissioners of Butler Township
Leo E. McLaughlin, Secretary
M.R. 10, Woodland Road
Butler, Pennsylvania

PERMIT 8786S

SEWER EXTENSION IN BUTLER TOWNSHIP

116964

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant p-8786

NUMBER 10.909 SE. 52048-693

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

RECEIVED
AUG 4 1956
REGION III

SEWERAGE PERMIT

3736-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;****", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan accompanying the application. The plan is entitled, "Proposed Extension - Bon Aire San. Sewer Butler Twp. Butler Co. Pa.". The plan was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L. C. D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on May 17, 1956.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:
1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2146-S) filed in the Meadville Office of the Pennsylvania Department of Health on the nineteenth day of May A. D. 1956 in accordance with the authorization given by the Sanitary Water Board at its meeting on June 20-21, 1956.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
Herman F. Mattison, M. D.
Secretary of Health
Chairman

Attest: _____
John W. Gitting
Secretary

Harrisburg, Pennsylvania

HSE-6301—15C—9-54

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated May 18, 1956 No. 2146-S
Date Permit Issued 7/6/56 Vol. 345-S No. 8786-S
Date Recorded Vol. Page
Regional Office Report by Harvey No. 8796-S
Engineer's Study by Youmz

Name Butler Township
Place
County Butler County
File No. 516

Conditions and Stipulations

Disposition

---Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extension as shown upon a plan accompanying the application. The plan is entitled, "Proposed Extension - Bon Aire San. Sewer Butler Twp. Butler Co. Pa.". The plan was prepared by Greenough-McMahon & Greenough, Inc., Engineers and Surveyors, and bears the seal of L. C. D. Greenough as a Registered Professional Engineer and was received in the Meadville office of the Pennsylvania Department of Health on May 19, 1956.

---And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942. attached hereto:
1,2,3,4,5,6,7,8,10,11,14,15,17,18 and 27.

0596111

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-8786

NUMBER 10,909 SE 52048-693

PERMIT 9151S-T1

SEWER EXTENSION ON ROUTE 68, DESHON AREA SANITARY DISPOSAL & SEWER AUTHORITY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-9151-T1

NUMBER 10,909 SE. 52048-693

1149679

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105

SEP 27 1971

Certified Mail

Butler Township
Butler County

Deshon Area Sanitary Disposal and
Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Permit No. 9151-S-T1

Gentlemen:

The enclosed transferred permit has been issued pursuant to action taken by the Department of Environmental Resources.

The permit should be carefully studied and if any conditions are not clear, please contact the Regional Sanitary Engineer for your area.

Very truly yours,

William J. Saltzer, Director
Division of Management Services
Bureau of Sanitary Engineering

Enclosures - Permit
Standard Conditions
List of Regional Sanitary Engineers

WJS:MC:MRW:ajh
cc: Mail Clerk
Program Services Section
File
Reg. San. Engr., Reg. V, Pittsburgh - Facilities Section

1149684

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
P. O. BOX 90
HARRISBURG

October 20, 1958

Certified Mail

Sewerage
Butler Township
Butler County

Mr. Leo E. McLaughlin, Secretary
Board of Commissioners of Butler Township
121 Highland Road
Bonaire, Butler, Pennsylvania

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9151-S dated October 20, 1958 to the Butler Township, which we transmit herewith.

We believe the permit will be self-explanatory, but should questions concerning it arise, these can be taken up direct with the Regional Sanitary Engineer, James R. Harvey, 996 South Main Street, Meadville, Pennsylvania, either by personal conference or by correspondence, or if preferred, with this office.

Kindly acknowledge receipt of this permit and note that before it becomes operative it must be recorded in the office of the Recorder of Deeds for Butler County.

Please deliver the enclosed blank certificate and business reply envelope to the Recorder of Deeds when having the permit recorded, and request the Recorder to fill in the blank, sign it, attach his official seal, and return it in the envelope provided.

Very truly yours,

A. F. Lehmann, Chief
Sewerage Section

By_____

Encl.

cc: Mr. Lehmann
Mr. Harvey
Permit Registrar
Mail Clerk

HSE-6301—15C—9-54 10

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Application Dated August 4, 1958 No. 2543-S
Date Permit Issued 10/20/58 Vol. 366-S No. 9151-S
Date Recorded Vol. 719 Page 361
Regional Office Report by Monroe E. Wenger
Engineer's Study by No.

Name
Place Butler Township
County Butler County
File No.

Conditions and Stipulations	Disposition
	Cancelled by transfer 1/27/71

5896111

Appendix A-20-b

STATEMENT OF ACCEPTANCE OF PERMIT

23. I / WE Beaver Area Sanitary Disposal and Sewer Authority

☐ A PRIVATE INDIVIDUAL ☐ A CORPORATION ☐ A PARTNERSHIP ☐ AN ASSOCIATION ☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (26) 101 Williams, Road Butler, Pa. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
Clair H. Murphy	Manager	7/27/71

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF Butler SS

30. I Clair H. Murphy BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE Clair H. Murphy

32. TITLE Manager

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 30th DAY OF July 1971

John A. Fulmer J.P.
(NOTARY PUBLIC)

MY COMMISSION EXPIRES Jan 3, 1972

TO BE COMPLETED BY THE DEPARTMENT OF HEALTH

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☒ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OF HEALTH OR SANITARY WATER BOARD OR ANY PERMIT CONDITION?	☒ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY) HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☒ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☒ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED? IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER
☒ APPROVE ☐ REFUSE DATE 9/16/71
SIGNATURE Howard L. Lacey

SECTION CHIEF
☒ APPROVE ☐ REFUSE DATE 9/21/71
SIGNATURE Henrietta Dillon

ACTION ON APPEAL BY THE SANITARY WATER BOARD OR SECRETARY OF HEALTH

☐ APPROVED ☐ REFUSED DATE

1149697

WSE-6000

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

Cancelled by transfer 9/27/71

SEWERAGE PERMIT
9151-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions:

a sanitary sewer extending for 836 ft. along Traffic Route 68

as shown on a plan entitled:

"Re: Deshon Sewerage System ** Proposed Sanitary Sewers for: Butler Township Commissioners Situate: Butler Twp Butler Co Pa", dated August 4, 1958.

The plan was prepared by Greenough - McMahon & Greenough, Inc., bears the seal of William D. Greenough, Pennsylvania Registered Professional Engineer, and was received in the Region III Office of the Pennsylvania Department of Health on August 6, 1958.

HSE-6302-1M-9-54

1149696

This permit is issued subject to the following Special Conditions:

"A" - There shall be no discharge to the sewage treatment plant of garbage from the Deshon General Hospital.

"B" - The Deshon Hospital sewage treatment plant (now being operated by Butler Township) has been designed for a maximum population of 2,000. The agreement between the Veterans Administration and the township commits the township to serve a hospital population of 2,000 when required. Therefore, it is stipulated that not more than 100 homes may be connected to the sewage treatment plant unless that plant shall have been enlarged according to plans approved by the Sanitary Water Board.

HSE 6206—2M—1-53

1149699

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, and 18.

This permit is issued in response to an application (No. 2543-S) filed in the Region III Office of the Pennsylvania Department of Health on the 6th day of August A. D. 1958 in accordance with the authorization given by the Sanitary Water Board at its meeting on October 16-17, 1958.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: _____
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

OCT 2 1958

2543-S

Appendix A-20-b

1149700

HSE 6307

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . . Nov. 15, 1958 . . . . .
(Date)

there was recorded in Book . . . 719 . . . . . .

page. . 361 . . . . . the sewerage permit issued

to . . Butler Township . . . . . No. 9151-S.

bearing date of . . Aug. 4, 1958 . . . . . .

Clair B. Halstead
Recorder of Deeds for

Butler County

Frances Shearer, Deputy

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 9151-S-D.

A. PERMITTEE: (Name and Address)
Deshon Area Sanitary Disposal and Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: Butler Township
County: Butler

C. TYPE OF FACILITY

D. NAME OF MINE OR AREA SERVED

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Pump Stations, Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of:
   a. [X] Treated
   [ ] Untreated
   b. [ ] Industrial Wastes
   [X] Sewage
   TO: Saw Mill Run, tributary of Connoquenessing Creek
   (Receiving Waters)

3. The Operation Of:
   a. [ ] Mine
   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)
   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. _____ DATED _____ AND AMENDMENTS DATED _____) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18. OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT

3. SPECIAL CONDITION(S) NUMBERED A, B. WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE SEP 27 1971

BY Daniel B. Drawbaugh, Director
Division of Water Supply & Sewerage

TITLE

PERMIT 9167S

SANITARY SEWERS & LIFT STATION FOR GRAND VIEW PLAN

1150171

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS p-9167

NUMBER 10.909 SE 52049.693

Appendix A-20-b
1150182

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
P. O. BOX 90
HARRISBURG

November 26, 1958

Certified Mail

Sewerage
Butler Township
Butler County

Board of Commissioners of Butler Township
Box 831
Butler, Pennsylvania

Attention: Lee E. McLaughlin

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9167-S dated November 26, 1958 to the Township of Butler which we transmit herewith.

We believe the permit will be self-explanatory, but should questions concerning it arise, these can be taken up direct with the Regional Sanitary Engineer, Mr. James M. Harvey, 750 South Main St., Meadville, Pennsylvania, either by personal conference or by correspondence, or if preferred, with this office.

Kindly acknowledge receipt of this permit and note that before it becomes operative it must be recorded in the office of the Recorder of Deeds for Butler County.

Please deliver the enclosed blank certificate and business reply envelope to the Recorder of Deeds when having the permit recorded, and request the Recorder to fill in the blank, sign it, attach his official seal, and return it in the envelope provided.

Very truly yours,

A. F. Lehmann, Chief
Sewerage Section

By_____

WVK:emc

Encl.

cc: Mr. Lehmann
Mr. Harvey
Permit Registrar
Mail Clerk

MSE—6000

1150185

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9167-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to the Township of Butler, Butler County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions:

the sanitary sewers and lift station serving the Grand View Plan of Lots as shown on plans as follows:

Four plans, bearing the titles "75 Gal. Ejector - 4" Inlet & Outlet Grandview Sewers Butler Twp. Pa", "Gallon Single Ejector", Sanitary Sewers - Grandview Plan Butler Twp. Butler Co. Pa" and "Proposed San. Sewers - S of Grandview Blvd. Grandview Plan - Butler Twp. Butler Co. Pa"

The plans were prepared by Greenough - McMahon & Greenough, Inc., bear the seal of L. C. D. Greenough, Pennsylvania Registered Professional Engineer and were received in the Region III Office of the Pennsylvania Department of Health on July 13 and August 26, 1957.

HSE-6302-1M-9-54

1150186

This permit is issued subject to the following Special Conditions:

"A" - Attention of the permittee is directed to the single ejector and air compressor located in the proposed lift station. If operating experience indicates the need for duplicate facilities they shall be installed promptly.

HSE 4306—2M—1-55

1150187

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2336-S) filed in the Region III Office of the Pennsylvania Department of Health on the 13th day of July A. D. 1957 in accordance with the authorization given by the Sanitary Water Board at its meeting on November 19-20, 1958.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: _____
C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: _____
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

NOV 26 1958

Appl. No.-2336-5

1150188

HSE 6307

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . December 2, 1958 . .
(Date)

there was recorded in Book . . . . . 720 . . . . . .

page. . . . 174 . . . . . the sewerage permit issued

to . . . . . .

bearing date of . . . . . May 20 1958 . . .

Clair B. Halstead
Recorder of Deeds for

. . . . Butler . . County

Frances Shearer, Dep.

HSE-6301—15C—9-54 10

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS 1150190

Application Dated July 11, 1957 No. 2336-S

Date Permit Issued Nov. 26, 1958 Vol. 30[illegible] No. 9167-S

Date Recorded 12/2/58 Vol. 720 Page 174

Regional Office Report by Menger

Engineer's Study by _____ No. _____

Name Board of Commissioners of Butler Twp.

Place Butler Township

County Butler County

File No. _____

Conditions and Stipulations	Disposition

PERMIT 9199S-T1

DESHON AREA AUTHORITY SEWAGE TREATMENT PLANT

11/29/79

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant PL.660-Appl.

NUMBER 10909 SE 52048-693

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Appendix A-20-b
1149721

WATER QUALITY MANAGEMENT PERMIT

NO. 9199-S-T1

A. PERMITTEE: (Name and Address)	B. PROJECT LOCATION
Deshon Area Sanitary Disposal and Sewer Authority 101 Williams Road Butler, Pennsylvania 16001	Municipality: Butler Township County: Butler
C. TYPE OF FACILITY Sewage treatment plant	D. NAME OF MINE OR AREA SERVED

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [ ] Pump Stations; Sewers and Appurtenances
   - b. [X] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of:
   - a. [X] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [X] Sewage

   TO: Saw Mill Run, tributary of Connoquenessing Creek
   (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. _____ DATED _____, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27. OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED A, B, C. WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED
DATE SEP 27 1971

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY _____
Daniel B. Dreibelbis, Director
Division of Water Supply & Sewerage

TITLE _____

This permit is subject to the following special conditions:

A. The water derived from the well in the control house shall be effectively chlorinated at all times and at each outlet connected to the water distribution system there shall be maintained a permanent and easily legible sign warning against the use of the water for potable purposes. Attention is directed to the need for providing at the treatment works a suitable water supply of potable character to replace that of the proposed shallow well.

B. Should the Deshon Hospital laundry be placed in operation and the waste water discharge therefrom adversely affect the efficiency of the sewage treatment works, provisions shall be made to regulate the laundry discharge or to provide pretreatment of these wastes if necessary, to maintain a properly modified treatment plant effluent as discharged to the water of the State.

C. In the event excessive wet weather sewage flows are received at this treatment works, a study of the sewer system shall be made and a means for reducing ground water infiltration provided.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds in Butler County.

This permit supersedes Permit No.9199-S, dated January 6, 1959.

HER - 6308

1149723

STATE OF PENNSYLVANIA }
COUNTY OF DAUPHIN } SS

On the 27th day of September in the year one thousand nine hundred and seventy-one before me, the Subscriber, a Notary Public, came the above named

DANIEL B. DRAWBAUGH

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

/s/ Eileen M. Shugars
NOTARY PUBLIC

Appendix A-20-b

1149707

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105

SEP 27 1971

Certified Mail

Butler Township
Butler County

Deshon Area Sanitary Disposal and Sewer
Authority
101 Williams Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Permit No. 9199-S-T1

Gentlemen:

The enclosed transferred permit has been issued pursuant to action taken by the Department of Environmental Resources.

The permit should be carefully studied and if any conditions are not clear, please contact the Regional Sanitary Engineer for your area.

You will note that before this permit becomes operative, it must be recorded in the office of the Recorder of Deeds in the County where the discharge is located. For this purpose, we have enclosed a blank certificate and business reply envelope. Will you please have the Recorder of Deeds complete the certificate, sign it, attach his seal and return it within ten (10) days, in the enclosed envelope.

Very truly yours,

William J. Salteer, Director
Division of Management Services
Bureau of Sanitary Engineering

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope
List of Regional Sanitary Engineers

WJS:MC:HRW:ajh
cc: Program Services Section
Mail Clerk
File

Reg. San. Engr., Reg. V, Pittsburg
Facilities Section

HSE-6096

1149/01

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

Cancelled by Permittee 4/27/71

SEWERAGE PERMIT

9199-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, successor in the operation of the facilities concerned to the General State Authority of the Commonwealth of Pennsylvania, and to the United States of America, War Department, original permittees, and hereby approves, subject to certain conditions:

the existing sewer system and sewage treatment plant

as shown on plans supplementing the original applications as follows:

A folio of plans consisting of a cover entitled "Western Pennsylvania Tuberculosis Sanatorium Butler Township Butler County Sewage Treatment Plant Contract No. 1 Main Trunk Sewer" and three sheets bearing Nos. 2125-11, -12, and -13.
A folio of plans bearing the same general title, and the specific title "Contract No. 2" and seven sheets numbered 2125-14 to 2125-20 inclusive. These two folios of plans were prepared by the Chester Engineers, were received in the Harrisburg office of the Pennsylvania Department of Health on November 30, 1938 and February 1, 1939 respectively, and are the plans submitted in support of Application No. 7463 submitted by the General State Authority.

1149709

A folio of three plans bearing the general title "General Hospital, U. S. Army Butler, Penna. Sewage Disposal Plant", dated March 27, 1943 and bearing drawing numbers 5P-700, -701, and -702. These , which were for the enlargement of the previously constructed sewag reatment works, were prepared by Hunting, Davis and Dunnells, In.., engineers, and were received in the District "C" office of the Pennsylvania Department of Health on July 2, 1943.

HSE-6302-114-9-54

1149710

This permit is issued subject to the following Special Conditions:

"A" - The water derived from the well in the control house shall be effectively chlorinated at all times and at each outlet connected to the water distribution system there shall be maintained a permanent and easily legible sign warning against the use of the water for potable purposes. Attention is directed to the need for providing at the treatment works a suitable water supply of potable character to replace that of the proposed shallow well.

"B" - Should the Peshon Hospital laundry be placed in operation and the waste water discharge therefrom adversely affect the efficiency of the sewage treatment works, provisions shall be made to regulate the laundry discharge or to provide pretreatment of these wastes if necessary, to maintain a properly modified treatment plant effluent as discharged to the water of the State.

"C" - In the event excessive wet weather sewage flows are received at this treatment works, a study of the sewer system shall be made and a means for reducing ground water infiltration provided.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 26 and 27.

This permit is issued in response to an application (No. 7463) filed in the Harrisburg Office of the Pennsylvania Department of Health on the 2nd day of December A. D. 1938 and No. A-241 filed in the Meadville Office on the 7th day of April A. D. 1943.

SANITARY WATER BOARD

By: _____
C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: _____
Walter V. Kohler
Secretary

This permit supersedes permit No. 6560 issued by the Sanitary Water Board on July 13, 1943, and permit No. 6527 issued on October 26, 1943, which are hereby cancelled.

Harrisburg, Pennsylvania

JAN 6 1959

Appendix A-20-D

Appl. Nos. 7463+
A-241

1149712

HSE 6307

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . . January 13, 1959. . .
(Date)

there was recorded in Book . . 721 . . . . . .

page. . . . 307. . . . . the sewerage permit issued

to. . Butler Township. . . . . .

bearing date of . January 6, 1959. . . . . .

Clair K. Halstead
Recorder of Deeds for
Frances Shearer, Dep.
. Butler. . . . County

Page 1000 of 1000

PERMIT 9418S

SEWER EXTENSION IN BUTLER TOWNSHIP FOR BUTLER AREA JOINT SCHOOL & LEWIS AVENUE

Appendix A-20-b

115021

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS D-9418

NUMBER 10.909 SE 52049.693

1150229

November 4, 1959

Certified Mail

erage
.tler Township
P.tler County

Butler Township
6 Chesapeak Street
Lyndora, Pennsylvania

Att: Leo E. McLaughlin, Secretary

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Severage Permit, No. 9411-S, dated November 4, 1959 to the Township of Butler which we transmit herewith.

We believe the permit will be self-explanatory, but should questions concerning it arise, these can be taken up direct with the Regional Sanitary Engineer, James R. Harvey, 996 S. Main Street, Meadville, Pennsylvania either by personal conference or by correspondence, or if preferred, with this office.

Very truly yours,

WVK:mm

Walter V. Kohler
Secretary
Sanitary Water Board

cc: Mr. Lehmann
Mr. Harvey
Permit Registrar
Mail Clerk

1150230

HSE-6303

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9418-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of sewers to serve the Butler Area Joint School and properties along Lewis Avenue

as shown on plans and described in a report and specifications as follows:

A folio of five sheets with cover entitled "Construction Drawings Proposed Sanitary Sewer Line for Butler Township Commissioners", dated June 1959.

Report entitled "Summary Report to Accompany Application for Sanitary Water Board Permit", dated July 8, 1959.

"Specifications and Bidding Blank."

The plans, report and specifications were prepared by Greenough McMahon and Greenough and bear the seal of William D. Greenough, Pennsylvania Registered Professional Engineer. The report and specifications were received in the Region III Office of the Pennsylvania Department of Health on July 10, 1959, and the plans on July 13, 1959.

WSE-6312

1150231

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17 and 27.

This permit is issued in response to an application (No. 2840-S) filed in the Region III Office of the Pennsylvania Department of Health on the 10th day of July A. D. 1959 in accordance with the authorization given by the Sanitary Water Board at its meeting on October 28-29, 1959.

SANITARY WATER BOARD

By: C. L. Wilbar, Jr.

C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: Walter V. Kohler

Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

NOV 4 1959

HSE 6307

1150237

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECORDER OF DEEDS CERTIFICATE

I hereby certify that on . . . Nov. 23, 1944 . . . .
(Date)

there was recorded in Book . . . 734 . . . . . .

page. . . . . 456 . . . . . the sewerage permit issued

to . Northern Butler County Joint Sewage Board . . . . . .

bearing date of . Nov. 6 1944 . . . . . .

Clair K. Kaufman
. . . . . .
Recorder of Deeds for
Franklin Township
. . . . Butler . . County

PERMIT 9450S-T1

SEWER EXTENSION FOR NORTHWEST MANOR PLAN, DESHON AREA SANITARY DISPOSAL & SEWER AUTHORITY

1149726

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

START

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Deshon Area Plant P-9450

NUMBER 10.909 SE. 52048-693

49748

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg ~~17120~~ 17105

SEP 27 1971

Certified Mail

Butler Township
Butler County

Deshon Area Sanitary Disposal and
Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Permit No. 9450-S-T1

Gentlemen:

The enclosed transferred permit has been issued pursuant to action taken by the Department of Environmental Resources.

The permit should be carefully studied and if any conditions are not clear, please contact the Regional Sanitary Engineer for your area.

Very truly yours,

William J. Saltzer

William J. Saltzer, Director
Division of Management Services
Bureau of Sanitary Engineering

Enclosures - Permit
Standard Conditions
List of Regional Sanitary Engineers

WJS:MC:MRW:ajh
cc: Program Services Section
Mail Clerk
File
Reg. San. Engr., Reg. V, Pittsburgh - Facilities Section

92

1149751

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 9450-S-71

A. PERMITTEE: (Name and Address)

Deabor Area Sanitary Disposal and Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY

Sewer extension

D. NAME OF MINE OR AREA SERVED

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] Pump Stations; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of:
   - a. [X] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [X] Sewage

   TO: Saw Mill Run, a tributary of Connoquenessing Creek
   (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. _____ DATED _____, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18, 27, OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED A. WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE SEP 27 1971

BY _____

TITLE Daniel B. Drawbaugh, Director
Division of Water Supply & Sewerage

This permit is subject to the following special conditions:

A. The Deshon Hospital sewage treatment plant (now being operated by Butler Township) has been designed for a maximum population of 2,000. The agreement between the Veterans Administration and the township commits the township to serve a hospital population of 2,000 when required. Therefore, it is stipulated that not more than 100 homes may be connected to the sewage treatment plant unless that plant shall have been enlarged according to plans approved by the Department of Environmental Resources.

This permit supersedes Permit No. 6450-S, dated December 11, 1959.

HSE-6305

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9450-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of a sewer extension to serve an area known as Northwest Manor

as shown on plans and described in a report and specifications as follows:

One folio of four plans. The first sheet bears the title "Northwest Manor Plan, Situate: Butler Twp., Butler Co., Pa." dated June 1959. The remaining three sheets bear the general title "Proposed Sanitary Sewer For: Northwest Manor Plan, Situate: Butler Twp., Butler Co., Pa." dated July 1958.

A report entitled "Summary Report" and dated August 13, 1959

Specifications entitled "Proposed Sanitary Sewer Line Construction, Northwest Manor Plan of Lots for William D. Greencugh" undated.

Appendix A-20-b

The plans, report and specifications were prepared by Greenough-McMahon & Greenough, Inc., bear the seal of William D. Greenough, Pennsylvania Registered Professional Engineer, and were received in the Region III Office of the Pennsylvania Department of Health on August 21, 1959.

This permit is issued subject to the following Special Conditions:

"A" - The Deshon Hospital sewage treatment plant (now being operated by Butler Township) has been designed for a maximum population of 2,000. The agreement between the Veterans Administration and the township commits the township to serve a hospital population of 2,000 when required. Therefore, it is stipulated that not more than 100 homes may be connected to the sewage treatment plant unless that plant shall have been enlarged according to plans approved by the Sanitary Water Board.

1149741

HSE-6312

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2848-S) filed in the Region III Office of the Pennsylvania Department of Health on the 21st day of August A. D. 1959 in accordance with the authorization given by the Sanitary Water Board at its meeting on November 18-19, 1959.

SANITARY WATER BOARD

By: C. L. Wilbur
C. L. Wilbur, Jr., M. D.
Secretary of Health
Chairman

Attest: Walter V. Kohler
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

DEC 11 1959

December 11, 1959

Certified Mail

Sewerage
Butler Township
Butler County

Butler Township
6 Chesapeak Street
Lyndora, Pennsylvania

Att: Leo E. McLaughlin, Secretary

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9450-S dated December 11, 1959 to the Butler Township which we transmit herewith.

We believe the permit will be self-explanatory, but should questions concerning it arise, these can be taken up direct with the Regional Sanitary Engineer, James R. Harvey, 996 S. Main Street, Meadville, Pennsylvania either by personal conference or by correspondence, or if preferred, with this office.

Very truly yours,

Walter V. Kohler
Secretary
Sanitary Water Board

WVK:mm

cc: Mr. Lehmann
Mr. Harvey
Permit Registrar
Mail Clerk

HSE-6301—

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

1149743

Application Dated August 13, 1959 No. 2848-S

Date Permit Issued December 11, 1959 Vol. ____ No. 9450-S

Date Recorded ____ Vol. ____ Page ____

Regional Office Report by Best

Engineer's Study by ____ No. ____

Name ____

Place Butler Township

County Butler County

File No. ____

Conditions and Stipulations	Disposition
	Cancelled by Transfer 3/27/71

PERMIT 9565S

SEWER EXTENSION FOR SAWMILL RUN DRAINAGE AREA, DESHON AREA SANITARY DISPOSAL & SEWER AUTHORITY

HSE-6305

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9565-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of sewer extensions in the Sawmill Run Drainage Area, as shown on plans and described in a report and specifications as follows:

One folio of thirty-two plans bearing the general title, "The Deshon Area, Sanitary Disposal and Sewer Authority," dated December, 1959.

"Summary Report Proposed Sanitary Sewers Deshon Area Butler Twp., Butler Co., Pa.", dated January, 1960. "Preliminary Study and Report, Condition and Capacity of the Deshon Sewage Treatment Plant", dated December, 1959.

"Butler Township, specifications, proposed sanitary sewer line construction", undated.

The preliminary report was prepared by Duncan, Lagnese and Associates, Engineers, bears the signature of Joseph Lagnese, Pennsylvania Registered Professional Engineer, and was received in the Region II Office of the Pennsylvania Department of Health on January 6, 1960. The plans, summary report and specifications were prepared by Greenough, McMahon and Greenough bear the seal of William D. Greenough, Pennsylvania Registered Professional Engineer, and were received on January 26, 1960.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2983-S) filed in the Region III Office of the Pennsylvania Department of Health on the 26th day of January A. D. 1960 in accordance with the authorization given by the Sanitary Water Board at its meeting on March 23-24, 1960.

SANITARY WATER BOARD

By: C. L. Wilbar Jr.
C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Walter V. Kohler

Attest: _____
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

MAR 29 1960

NSE-6818-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

RECORDED AUGUST 8,1960 CLAIR K. HALSTEAD, RECORDER.

PERMIT 9671S

DESHON SEWAGE PLANT ADDITIONS AND IMPROVEMENTS

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9671-S

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to Butler Township, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

> the construction of additions to the Deshon sewage treatment plant to serve a portion of Butler Township and the Deshon Hospital, and discharge of treated effluent to Sawmill Run,

as shown on plans and described in a report as follows:

> One folio of four plans entitled, "Deshon Sewage Plant Additions and Improvements", dated April, 1960.
>
> A summary report titled "Summary Report for Additions and Improvements Deshon Sewage Treatment Plant, Butler Township, Butler County, Pa.", dated March 1960.

The plans and report were prepared by Duncan, Lagnese and Associates, Engineers, bear the seal of William F. Duncan, Pennsylvania Registered Professional Engineer, and were received in the Region III Office of the Pennsylvania Department of Health on April 25, 1960.

This permit is issued subject to the following Special Conditions:

"A" - The plant hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids; will remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

"B" - The attention of the permittee is directed to the fact that nothing herein contained permits the discharge of untreated sewage to the waters of the Commonwealth.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:

1, 2, 3, 7, 11, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 and 27.

This permit is issued in response to an application (No. 3059-S) filed in the Region III Office of the Pennsylvania Department of Health on the 25th day of April A. D. 19 60 in accordance with the authorization given by the Sanitary Water Board at its meeting on July 20-21, 1960.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By: C. L. Wilbar, Jr.
C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: Walter V. Kohler
Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

AUG 1 1960

HSE 6308

STATE OF PENNSYLVANIA }
COUNTY OF BUTLER } SS

On the 29 day of July in the year one thousand nine hundred and 60 before me, the Subscriber, a Notary Public, came the above named C. L. Wilbar, Jr., M. D. and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

NOTARY PUBLIC

NOTARY PUBLIC
My Commission Expires July 9, 1962
Harrisburg, Pa. Dauphin County

- 4 -

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsisteht with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

RECORDED AUGUST 8, 1960 CLAIR K. HALSTEAD, RECORDER.

COMMONWEALTH OF PENNSYLVANIA

1149989

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105
December 3, 1971

EXHIBIT "E"

Certified Mail

Deshon Area Sanitary Disposal and
Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

Re: Notice of Change in
Treatment Requirements

Permit No. 9671
Butler Township
Butler County

Attention: Mr. Clair Murphey, Manager

Gentlemen:

New water quality criteria and treatment requirements have been established for intrastate waters in the Lower Ohio River Basin pursuant to a hearing held in New Castle, Pennsylvania on May 27, 1970. A review of your permit indicates that the effluent from your facilities requires additional treatment to comply with the new water quality criteria and treatment requirements.

As a result of the above, it shall be your duty to take the steps and to submit the report or schedule required by Section 95.6, Chapter 95 of the Rules and Regulations of the Department, a copy of which is attached. Such report or schedule shall be submitted on or before March 3, 1972 to Mr. Kenneth A. Okorn, Chief, Enforcement and Administration Section, Bureau of Water Quality Management, State Office Building, 300 Liberty Avenue, Pittsburgh, Pennsylvania, 15222. If a schedule is required, the attached Project Status Schedule Card should be used. Failure to comply with the Rules and Regulations of the Department will subject you to the penalty and enforcement remedy provisions of the Clean Streams Law.

Following are the effluent requirements applicable to your facilities necessary to achieve compliance with water quality standards:

The five-day biochemical oxygen demand shall not exceed 10 mg/l.
Ammonia shall not exceed 2 mg/l as N.
Phosphorus shall not exceed 0.5 mg/l as P.
Total suspended solids shall not exceed 25 mg/l.

The effluent shall otherwise meet all requirements of secondary treatment as defined in Chapter 95.

FOR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES

Daniel B. Drawbaugh

Daniel B. Drawbaugh, Director
Division of Water Supply and Sewerage

Appendix A-20-b

1149990

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
P. O. Box 2351
Harrisburg 17105
December 16, 1971

Deshon Area Sanitary Disposal and
Sewer Authority
101 Williams Road
Butler, Pennsylvania 16001

Attention: Mr. Clair Murphey,
Manager

Re: Notice of Change in
Treatment Requirements

Permit No. 9671
Butler Township
Butler County

Gentlemen:

Enclosed please find Chapter 95 of the Rules and Regulations of the Department of Environmental Resources which was omitted in error when the Notice of Change in Treatment Requirements was mailed to you on December 3, 1971.

Marshall Cashman, Chief
Program Services Section

PERMIT 9814S-T1

SEWER EXTENSION ON MEADOWOOD, GRAHAM TERRACE & MCQUISTION ROADS

COMM. OF PA. TO BUTLER AREA SEWER AUTHORITY

H710.120 REV. 3-71

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATER QUALITY MANAGEMENT PERMIT

NO. 9814-S-T1

A. PERMITTEE: (Name and Address)	B. PROJECT LOCATION
Butler Area Sewer Authority 125 Pittsburgh Road Butler, Penna. 16001	Municipality: Butler Township County: Butler County
C. TYPE OF FACILITY	D. NAME OF MINE OR AREA SERVED
Sewer Extension	Meadowood, Graham Terrace & McQuistion Road

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   - a. [X] ~~XXXXXXXXX~~; Sewers and Appurtenances
   - b. [ ] Sewage Treatment Facilities
   - c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: None
   - a. [ ] Treated
   - [ ] Untreated
   - b. [ ] Industrial Wastes
   - [ ] Sewage

   TO: _____ (Receiving Waters)

3. The Operation Of:
   - a. [ ] Mine

   Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)

   Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 9814S-T1 DATED November 4, 1960, AND AMENDMENTS DATED _____.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 9, 10, 11, 14, 15, 17, 18 and 27 OF THE Sewerage STANDARD CONDITIONS DATED November 1, 1942 WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED _____ WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1957, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED

DATE MAY - 2 1973 BOOK 988 PAGE 861 BY Howard G. Luley

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Howard G. Luley, P.E.
TITLE Regional Sanitary Engineer

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $

MAY 8 9 23 AM '73

Sewerage Application No. 9814 S T1
Butler Area Sewer Authority
Butler Township
Butler County

ER 711.308

STATE OF PENNSYLVANIA
} SS
COUNTY OF

Howard G. Luley

On the 2nd day of May in the year one thousand nine hundred and seventy-two before me, the Subscriber, a Notary Public, came the above named

Howard G. Luley

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

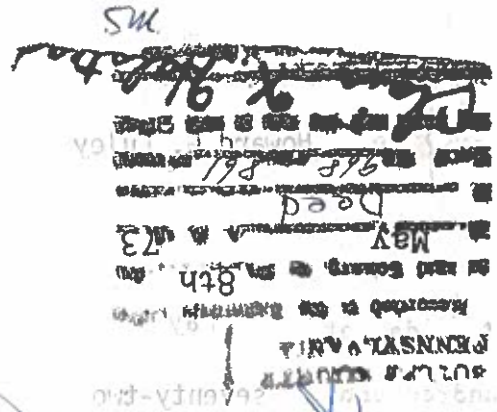
Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires February 3, 1976

BOOK 968 PAGE 862

RECORDED MAY 8, 1973 CLAIR K. HALSTEAD, RECORDER
BOOK 863 PAGE 963



3613
RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 3.00
MAY 8 9 27 AM '73

Com. of Pa.
Dept. of Environmental Resources
to
Butler Area Sewer Authority
Sewerage Easement
Butler Pa.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

MAY - 2 1973

Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

South Butler Sewer authority

original Date 11/4/1968

SUBJECT: Sewerage Permit No. 9814-S-T1
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

H710.033 REV. 7/69

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: AUGUST 8, 1972

2. NAME OF PRESENT PERMITTEE: SOUTH BUTLER TOWNSHIP SEWER SYSTEM AUTHORITY

3. MAILING ADDRESS: 114 EAST DIAMOND ST., BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
364824		JULY 9, 1972	BUTLER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD, BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

14. SIGNATURE OF PRESENT PERMITTEE: X Charles H Thompson

15. TITLE: CHAIRMAN

16. DATE: AUGUST 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I CHARLES H. THOMPSON, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE X Charles H Thompson

22. THIS 23rd DAY OF August 1972

21. TITLE CHAIRMAN
SOUTH BUTLER TOWNSHIP
SEWER SYSTEM AUTHORITY

Harold L. Weigle
(NOTARY PUBLIC)

MY COMMISSION EXPIRES June 28 1975

HAROLD R. WEIGLE, NOTARY PUBLIC
BUTLER, BUTLER COUNTY, PA.
MY COMMISSION EXPIRES JUNE 28, 1975

STATEMENT OF ACCEPTANCE OF PERMIT

23. ~~I~~ WE, BUTLER AREA SEWER AUTHORITY

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD BUTLER, PA. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
Charles G. Winters	CHAIRMAN	AUGUST 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I CHARLES G. WINTERS BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE Charles G. Winters

32. TITLE CHAIRMAN, BUTLER AREA SEWER AUTHORITY

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 14th DAY OF Aug 19 72

Dorothy V Heim (NOTARY PUBLIC)

MY COMMISSION EXPIRES DOROTHY V. HEIM, Notary Public Butler, Penna. My Commission Expires January 7, 1975

TO BE COMPLETED BY THE DEPARTMENT OF HEALTH

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OF HEALTH OR SANITARY WATER BOARD OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE SANITARY WATER BOARD OR SECRETARY OF HEALTH

☐ APPROVED ☐ REFUSED DATE _____

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

Certified Mail

MAY - 2 1973

Charles G. Winters
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Penna. 16001

SUBJECT: Sewerage Permit No. 9814-S-T1
Butler Area Sewer Authority
Butler Township
Butler County

South Butler

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to this office.

To become operative this permit must be recorded in the Office of the Recorder of Deeds in the county in which the discharge is located. Enclosed is a certificate and pre-addressed envelope for this purpose. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

Very truly yours,

Howard G. Luley, P.E.
Regional Sanitary Engineer

HGL/car

Enclosures - Permit
Standard Conditions
Certificate
Return Envelope

cc: Applicant
Old Permittee
Program Services
Region
County

H710.033 REV. 7/69

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: Aug. 8, 1972

2. NAME OF PRESENT PERMITTEE: South Butler Township Sewer System Authority

3. MAILING ADDRESS: 114 East Diamond Street, Butler, Pa. 16001 — COUNTY: Butler — STATE: Pa.

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
9814-S		Nov. 28, 1960	Butler Township	Butler

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP — [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT — [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS — [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: Butler Area Sewer Authority

13. MAILING ADDRESS: 125 Pittsburgh Road, Butler, Pa. 16001 — COUNTY: Butler — STATE: Pa.

14. SIGNATURE OF PRESENT PERMITTEE

15. TITLE: Chairman

16. DATE: Aug. 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF Butler SS

19. I Charles H. Thompson, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I (~~AM THE APPLICANT~~) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (~~HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT~~) NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

22. THIS _____ DAY OF _____ 19

_____
(NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

20. SIGNATURE _____

21. TITLE Chairman
South Butler Township
Sewer System Authority

STATEMENT OF ACCEPTANCE OF PERMIT

23. I/WE Butler area Sewer authority

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 1258 Pittsburgh Road, Butler Pa. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
	Chairman	Aug. 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF Butler SS

30. I Charles G. Winters BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE _____

32. TITLE Chairman, Butler Area Sewer Authority

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS _____ DAY OF _____ 19 ____

_____ (NOTARY PUBLIC)

MY COMMISSION EXPIRES _____

TO BE COMPLETED BY THE DEPARTMENT OF HEALTH

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OF HEALTH OR SANITARY WATER BOARD OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE _____

SIGNATURE _____

ACTION ON APPEAL BY THE SANITARY WATER BOARD OR SECRETARY OF HEALTH

☐ APPROVED ☐ REFUSED DATE _____

H710.033 REV. 7/69

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

APPLICATION FOR TRANSFER OF PERMIT

SEWERAGE, INDUSTRIAL WASTE, WATER SUPPLY, BATHING PLACE

1. DATE: AUGUST 8, 1972

2. NAME OF PRESENT PERMITTEE: SOUTH BUTLER TOWNSHIP SEWER SYSTEM AUTHORITY

3. MAILING ADDRESS: 114 EAST DIAMOND ST., BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

4. HEREBY MAKES APPLICATION FOR THE TRANSFER OF A PERMIT
- [X] SEWERAGE
- [ ] INDUSTRIAL WASTE
- [ ] WATER SUPPLY
- [ ] BATHING PLACE

5. PERMIT NO.	6. APPLICATION NO.	7. DATE ISSUED	8. MUNICIPALITY	9. COUNTY
9814-S		NOVEMBER 28, 1960	BUTLER TOWNSHIP	BUTLER

10. DOES TRANSFER OF PERMIT INVOLVE CHANGE IN OWNERSHIP [X] YES [ ] NO

IF NO, HAVE YOU COMPLIED WITH FICTITIOUS NAME ACT [ ] YES [ ] NO

11. THE ORIGINAL PERMIT IS [X] ATTACHED [ ] CANNOT BE PRODUCED

12. NAME OF NEW APPLICANT: BUTLER AREA SEWER AUTHORITY

13. MAILING ADDRESS: 125 PITTSBURGH ROAD, BUTLER, PA. 16001 | COUNTY: BUTLER | STATE: PENNSYLVANIA

14. SIGNATURE OF PRESENT PERMITTEE: X Charles H Thompson

15. TITLE: CHAIRMAN

16. DATE: AUGUST 8, 1972

17. IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

18. COUNTY OF BUTLER SS

19. I CHARLES H. THOMPSON, BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) ~~(HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT)~~ NAMED ABOVE AS THE PRESENT PERMITTEE, THAT SAID PERMITTEE RELINQUISHES ALL RIGHT, TITLE AND INTEREST IN SAID PERMIT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN TO AND SUBSCRIBED BEFORE ME

20. SIGNATURE X Charles H Thompson

22. THIS 23rd DAY OF August 1972

Harold R Weigle
(NOTARY PUBLIC)

21. TITLE CHAIRMAN
SOUTH BUTLER TOWNSHIP
SEWER SYSTEM AUTHORITY

MY COMMISSION EXPIRES June 28, 1975

HAROLD R. WEIGLE, NOTARY PUBLIC
BUTLER, BUTLER COUNTY, PA.
MY COMMISSION EXPIRES JUNE 28, 1975

STATEMENT OF ACCEPTANCE OF PERMIT

23. I— WE, BUTLER AREA SEWER AUTHORITY

☐ A PRIVATE INDIVIDUAL ☒ A CORPORATION

☐ A PARTNERSHIP ☐ AN ASSOCIATION

☐ OTHER

WITH PRINCIPAL OFFICE OR PLACE OF BUSINESS LOCATED AT (24) 125 PITTSBURGH ROAD BUTLER, PA. 16001 HEREBY ACCEPT THE PERMIT HERE IN REFERRED TO AND AGREE TO BE BOUND BY ALL TERMS OF SAID PERMIT.

25. SIGNATURE	26. TITLE	27. DATE
Charles G. Winters	CHAIRMAN	AUGUST 8, 1972

28.

IF CORPORATION

AFFIX SEAL HERE

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA

29. COUNTY OF BUTLER SS

30. I CHARLES G. WINTERS BEING DULY SWORN ACCORDING TO THE LAW DEPOSE AND SAY THAT I ~~(AM THE APPLICANT)~~ (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) HAVE THE AUTHORITY TO MAKE THIS APPLICATION FOR THE APPLICANT NAMED ABOVE AS THE NEW APPLICANT, AND THAT THE INFORMATION INCLUDED IN THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(INAPPLICABLE PORTIONS SHOULD BE CROSSED OUT)

31. SIGNATURE Charles G. Winters

32. TITLE CHAIRMAN, BUTLER AREA SEWER AUTHORITY

SWORN TO AND SUBSCRIBED BEFORE ME

33. THIS 14th DAY OF Aug 1972

Dorothy V. Helm
(NOTARY PUBLIC)
DOROTHY V. HELM, Notary Public
Butler, Penna.
My Commission Expires
January 7, 1975

MY COMMISSION EXPIRES

TO BE COMPLETED BY THE DEPARTMENT OF HEALTH

ARE THE FACILITIES ESSENTIALLY THE SAME AS ORIGINALLY APPROVED?	☐ YES	☐ NO
IS EITHER PARTY IN VIOLATION OF THE CLEAN STREAMS ACT, RULE, REGULATION OR ORDER OF THE DEPARTMENT OF HEALTH OR SANITARY WATER BOARD OR ANY PERMIT CONDITION?	☐ YES	☐ NO
(FOR SEWERAGE AND INDUSTRIAL WASTES ONLY)		
HAS THE QUANTITY OF THE DISCHARGE INCREASED OVER THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
HAS THE QUALITY OF THE DISCHARGE DETERIORATED FROM THAT WHICH WAS APPROVED BY THE PERMIT?	☐ YES	☐ NO
IS CHANGE IN OWNERSHIP OR TENANCY INVOLVED?	☐ YES	☐ NO
IF NOT, IS PROOF OF COMPLIANCE WITH FICTITIOUS NAME ACT OR FICTITIOUS CORPORATE NAME ACT ATTACHED	☐ YES	☐ NO

RECOMMENDATION

REGIONAL ENGINEER

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

SECTION CHIEF

☐ APPROVE ☐ REFUSE DATE

SIGNATURE

ACTION ON APPEAL BY THE SANITARY WATER BOARD OR SECRETARY OF HEALTH

☐ APPROVED ☐ REFUSED DATE

June 1, 1961

Walter V. Kohler, Secretary
Sanitary Water Board
Commonwealth of Pennsylvania,
P. O. Box 90
Harrisburg, Pa.

Re: Sewerage Permit 9814-S

Dear Sir:

Under date of November 4, 1960, the Sanitary Water Board issued a sewerage permit to the South Butler Township Sewer System Authority.

A special condition attached to this permit prohibits the Authority using any system constructed until such time as the enlargement of the sewerage treatment plant of the City of Butler has progressed to the satisfaction of the Department of Health.

The Authority, which the writer represents, has facts which it would like to present to the Board by way of testimony at a hearing before the Board. I, therefore, respectfully request that hearing time be set on this permit for the June meeting of the Board which I understand is to be held on the 22nd and 23rd of this month.

Very truly yours,

JPM/mj

JAMES P. MacFARLANE

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
P. O. BOX 90
HARRISBURG

CERTIFIED MAIL

November 28, 1960

Butler Township
Butler County

South Butler Township Sewer System Authority
605 Mellon Bank
Butler, Pennsylvania

ATTN: James P. MacFarlane, Esquire

SUBJECT: Sewerage Permit # 9814-S

Gentlemen:

The Sanitary Water Board in accordance with the provisions of the law, authorized the issuance of the above permit.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, you should contact the Regional Sanitary Engineer in your area.

Very truly yours,

Walter V. Kohler

Walter V. Kohler
Staff Services Section
Division of Sanitary Engineering

WVK:lms

Enclosures

Permit
Standard Cond.

BUTLER, PA.
PHONE 75538

GREENOUGH & GREENOUGH, INC.
Registered Professional Engineers
114 EAST DIAMOND STREET
BUTLER, PENNA.

July 1, 1964

Mr. James R. Harvey
Regional Sanitary Engineer
Region III - Pa. Department of Health
996 South Main Street
Meadville, Pennsylvania 16335

Dear Mr. Harvey:

Pursuant to our telephone conversation, June 24, 1964, I am submitting a sewerage application and construction drawings for an extension to " The South Butler Township Sewer System ", Butler Township, Butler County, Pennsylvania, to serve 11 lots in the Meadowood Plan of Lots.

The ultimate population to be served by this extension will be 44 persons with a design loading of 4400 g.p.d. The trunk line and ejector station that will carry the above volume has more than sufficient capacity as cited in the " Summary Report " submitted August, 1960 for the South Butler Township Sewer System Authority and confirmed by the " Sewer Permit 9814 - S", issued November 18, 1960.

Please find enclosed the following:

1. Five (5) copies of the Sewerage Application
2. A check for $25.00 for filing and processing
3. Two (2) sets of construction drawings. You will note on Sheet #1 of #2 the location of the proposed extension to the Meadowood Plan.
4. One set of Revised Specifications of the South Butler Township Sewer System Authority for your files. The proposed construction by written agreement between the owners of the Meadowood Plan and the South Butler Authority, will be done in accordance with the enclosed specifications using " Premium Joint " pipe for all construction.

Respectfully submitted,

William D. Greenough, R.P.E.

GREENOUGH & GREENOUGH, INC.

PERMIT 9817S-T1

SEWER EXTENSIONS, PUMPING STATIONS & ADDITIONS TO EXISTING SEWAGE TREATMENT PLANT

HSE-6305

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
9817-S-T1

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P.L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P.L. 1987, as amended by the Act of May 8, 1945, P.L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation;***", hereby issues this permit to the Butler Area Sewer Authority, Butler County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of sewer extensions, pumping stations and additions to the existing sewage treatment plant, and discharge of treated effluent to Connoquenessing Creek,

as shown on plans and described in a report and specifications as follows:

A folio of plans with cover sheet bearing the general title, "Butler, Pennsylvania - Sewage Collection Facilities," dated August, 1960.

A folio of plans with a cover sheet bearing the general title, "Butler, Pennsylvania - Additions and Revisions to the City of Butler Sewage Treatment Plant and the Construction of the Monroe Street and Center Avenue Pumping Stations." Received in the Region III Office on August 26, 1960.

A report titled "Summary Report - City of Butler, Butler County, Pennsylvania - Sewage Collection Facilities and Sewage Treatment Works." Received in the Region III Office on August 26, 1960.

Four bound sets of specifications, dated August and September, 1959 and August 1960.

The plans, report and specifications were prepared by the Chester Engineers, bear the seal of T. R. Haseltine, Pennsylvania Registered Professional Engineer, and were received in the Region III Office of the Pennsylvania Department of Health on August 26, 1960.

This permit is issued subject to the following Special Conditions:

"A" - The treatment works hereby approved is required to effect complete treatment of the sewage which it receives. The term "complete treatment" is defined as such treatment of sewage as, in the opinion of the Board, will remove practically all of the suspended solids, remove at least eighty-five per cent of the organic pollution load as measured by the biochemical oxygen demand test; will accomplish the removal of oils, greases, acids, alkalis, toxic, putrescible, taste and odor producing substances, and other substances inimical to the public interest in the receiving stream; will provide effective disinfection to control disease producing germs; will provide satisfactory disposal of sludge; and will produce a final effluent that is suitable for discharge into the receiving stream.

"B" - The approval of sewers herein is limited to the right to construct the sewers, but approval of their use is specifically withheld until progress satisfactory to the Pennsylvania Department of Health, is being made on the enlargement of the city's sewage treatment plant.

"C" - This permit will become void unless the herein approved modifications are completed and placed in operation on or before January 1, 1965.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 and 27.

This permit is issued in response to an application (No. 3214-S) filed in the Region III Office of the Pennsylvania Department of Health on the 7th day of September A. D. 1960 in accordance with the authorization given by the Sanitary Water Board at its meeting on November 17-18, 1960.

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

This permit supersedes permit No. 9817-S, Dated November 28, 1960

C. L. Wilbar Jr

C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Attest: Walter V. Kohler

Walter V. Kohler
Secretary

Harrisburg, Pennsylvania

JUL 3 1963

SE - 6308

STATE OF PENNSYLVANIA }
COUNTY OF DAUPHIN } SS

On the 2nd day of July in the year one thousand nine hundred and 63 before me, the Subscriber, a Notary Public, came the above named C. L. Wilbar, Jr., M. D. and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Miss Helen V. Givens
NOTARY PUBLIC

NOTARY PUBLIC
My Commission Expires July 9, 1966
Harrisburg, Pa. Dauphin County

MISS HELEN V. GIVENS NOTARY PUBLIC COMMONWEALTH OF PENNSYLVANIA HARRISBURG, PA.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

ASSIGNMENT OF PERMIT - CORPORATE

KNOW ALL MEN BY THESE PRESENTS that for and in consideration of the sum of One ($1.00) Dollar and other good and valuable considerations, the receipt whereof is hereby acknowledged,

City of Butler (Name of Corporation), a municipal corporation (City, Town), Butler (County), Pennsylvania (State) hereby assigns, transfers and sets over unto Butler Area Sewer Authority of Butler (City, Town), Butler (County), Pennsylvania (State) all its, right, title and interest in and to that certain Sewerage permit issued by the Sanitary Water Board, Department of Health, Commonwealth of Pennsylvania, under date of November 28, 1960 and bearing number 9817-S, application number 3214-S, said assignment being made under and subject to all of the conditions set forth in the aforesaid permit.

AND the said City of Butler doth hereby constitute and appoint Walter Schweppe to be its attorney, for it and in its name, and as for its corporate act and deed to acknowledge this assignment before any person having authority by the laws of the Commonwealth of Pennsylvania to take such acknowledgment.

In Witness Whereof, the City of Butler Corporation has caused this assignment to be duly executed in its corporate name by its proper officers this 28th day of May, 1963.

ATTEST

Alice S. Johnston
(Secretary)

By Walter Schweppe
(President)
Mayor

(Corporate Seal)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

AFFIDAVIT - CORPORATE

STATE OF PENNSYLVANIA)
(ss
COUNTY OF BUTLER)

On this, the 18th day of June, 1963, before me, _____, the undersigned officer, personally appeared Walter Schweppe, who acknowledged himself to be the Mayor of the City of Butler, Pennsylvania, ~~a corporation~~, and that he as such Mayor, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the ~~corporation~~ city by himself as Mayor.

In Witness Whereof, I hereunto set my hand and official seal.

Mrs. Ruth Ann Dally

Title of Officer

MRS. RUTH ANN DALLY, Notary Public
BUTLER, BUTLER CO., PA.
My Commission expires May 31, 1966

HSE 6726

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

ACCEPTANCE OF ASSIGNMENT - CORPORATE

AND NOW, TO WIT, this 22nd day of June, 1963,

Butler Area Sewer Authority

hereby accept the assignment of said permit above referred to and agree to be bound by all of the terms of said permit.

Butler Area Sewer Authority

BY _____
President

ATTEST:

_____
Secretary

(Corporate Seal)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

APPROVAL OF ASSIGNMENT

The within assignment is hereby approved this 3rd day of July, 19 63.

C. L. Wilbar Jr
(Secretary of Health)

C. L. Siebert Jr.
(For the Sewerage Section Chief)

W M Brown
(Department of Justice)

HSE-6310-P

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO SEWERAGE

Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Health pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Health satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Water & Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

FIFTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage, duplicate detail record plans showing these works as actually constructed, shall be filed with the Sanitary Water Board for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Sanitary Water Board.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the State Department of Health may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof.

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall take such remedial measures as will produce an effluent which in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT A-5635

SEWER EXTENSION IN BUTLER TOWNSHIP

Appendix A-20-b

1150136

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

S T A R T

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS A-5635

NUMBER 10.909 SE 52049.693

1150137

To the Board of Commissioners of
Butler Township, Butler County,
Pennsylvania.

On September sixteenth, one thousand nine hundred and t enty-nine, an application was received in the Pennsylvania Department of Health's District Office at Mc Iville, from the Board of Commissioners of Butler Township, Butler County, requesting approval of plans for extensions to the sewer system of the J. V. Ritts Subdivision, in accordance with the provisions of The Administrative Code approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that in a permit dated March twenty-eighth, one thousand nine hundred and twenty-nine, approval was given to certain sewers serving the Mitts Subdivision located north of and adjacent to the City of Butler, the discharge of sewage from the sewers being into the municipal sewer system of Butler.

The study further shows that it is now proposed to extend the sewers in the Mitts Subdivision to serve an additional area in this Subdivision heretofore served by cesspools, a total of 1,878 feet of sewers being involved in the extensions; that the sewers are of generally satisfactory design although including certain existing six inch sewers formerly discharging to cesspools and now intended to be incorporated in the sewer system; that it is understood that the volume of sewage to be expected from the proposed extensions should not overload the sewers of the City of Butler and that it is understood an agreement has

been reached between the Township and the City respecting the reception and disposal of the sewage from the J. V. Ritts Subdivision by the City.

The Bureau of Engineering has recommended approval of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on [illegible] one thousand nine hundred and thirty, authorized the granting of a permit to Butler Township, Butler County, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the proposed sewer extensions, as shown on two plans bearing the following titles: "Proposed Extension of Service Layout Ritts Subdivision Butler Penn. 3146-02A", and "Profiles to Accompany Plan No. 3146-02A Ritts Subdivision Butler Penn. Drawing No. 3165-02A", and as further shown on an untitled location plan showing the general relation of the J. V. Ritts Subdivision to the City of Butler, all three plans having been received in the Pennsylvania Department of Health's District Office at Meadville on September sixteenth, one thousand nine hundred and twenty-nine, and as proposed in the application and a permit issued therefor, subject to the following conditions:

FIFTH: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

SIXTH: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

SEVENTH: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: In accordance with the provisions of State laws regarding connection to public sewers and the regulations of the Pennsylvania Department of Health pertaining thereto, the municipality shall require all occupied buildings accessible to a public sewer legally built and operated to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SEVENTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewer, but in no case exceeding six hundred feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

1150147

EIGHTH: The herein approved sewers shall be maintained by rep ir when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

NINTH: On or before December thirty-first of each year the Township shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TENTH: The provisions of this permit in so far as they apply to the discharge of sewage into the public sewer system of the City of Butler shall be inoperative until a certified copy of an agreement between the Commissioners of Butler Township, Butler County, and the City of Butler, providing for the reception and disposal of the sewage of the Township by the City, in form satisfactory to the Sanitary Water Board, shall have been filed with the Board.

1150144

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

[illegible] BOARD

By:

. . . . . .
Theodore B. Appel, M.D.,
Chairman.

Attest:

. . . . . .
J. [illegible] Hofbert,
Acting Secretary.

[illegible]

1150165

STATE OF PENNSYLVANIA :
: ss
COUNTY OF ERIE :

On the . . . . . day of . . . . . in the year one thousand nine hundred and thirty, before me, the subscriber, a Notary Public, came the above named - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

To the Board of Commissioners of
Butler Township, Butler County,
Pennsylvania.

On September sixteenth, one thousand nine hundred and twenty-nine, an application was received in the Pennsylvania Department of Health's District Office at Meadville, from the Board of Commissioners of Butler Township, Butler County, requesting approval of plans for extensions to the sewer system of the J. V. Ritts Subdivision, in accordance with the provisions of The Administraitve Code, approved April ninth, one thousand nine hundred and twenty-nine.

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that in a permit dated March twenty-eighth, one thousand nine hundred and twenty-nine, approval was given to certain sewers serving the Ritts Subdivision located north of and adjacent to the City of Butler, the discharge of sewage from the sewers being into the municipal sewer system of Butler.

The study further shows that it is now proposed to extend the sewers in the Ritts Subdivision to serve an additional area in this Subdivision heretofore served by cesspools, a total of 1,878 feet of sewers being involved in the extensions; that the sewers are of generally satisfactory design although including certain existing six inch sewers formerly discharging to cesspools and now intended to be incorporated in the sewer system; that it is understood that the volume of sewage to be expected from the proposed extensions should not overload the sewers of the City of Butler and that it is understood an agreement has

been reached between the Township and the City respecting the reception and disposal of the sewage from the J. V. Ritts Subdivision by the City.

The Bureau of Engineering has recommended approval of the proposed sewer extensions and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on November twenty-fifth, one thousand nine hundred and thirty, authorized the granting of a permit to Butler Township, Butler County, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given to the proposed sewer extensions, as shown on two plans bearing the following titles: "Proposed Extension of Service Layout Ritts Subdivision Butler Penn. 3146-02A", and "Profiles to Accompany Plan No. 3146-02A Ritts Subdivision Butler Penn. Drawing No. 3165-02A", and as further shown on an untitled location plan showing the general relation of the J. V. Ritts Subdivision to the City of Butler, all three plans having been received in the Pennsylvania Department of Health's District Office at Meadville on September sixteenth, one thousand nine hundred and twenty-nine, and as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: In accordance with the provisions of State laws regarding connection to public sewers and the regulations of the Pennsylvania Department of Health pertaining thereto, the municipality shall require all occupied buildings accessible to a public sewer legally built and operated to be connected thereto; also requiring the abandonment of privies and the cleansing and filling of any privy vaults or cesspools or similar receptacles for human excrement on said premises, and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

1150150

FIFTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

SIXTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum, and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

SEVENTH: A sufficient number of manholes shall be constructed in suitable locations to provide adequate means for proper inspection and thorough cleansing of the sewers. Generally they will be required at junctions, summit ends, changes of line and grade and on straight lines at intervals depending upon the size and grade of the sewer, but in no case exceeding six hundred feet measured along the line of the sewer. Where the change of line or grade is such that cleansing by rods, machine or manual labor can be accomplished without access to the sewer at said point, then a lamphole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

EIGHTH: The herein approved sewers shall be maintained by repair when necessary and kept free from deposits by flushing or other proper means of cleansing in order that they may at all times afford a proper means for the prompt conveyance of sewage.

NINTH: On or before December thirty-first of each year the Township shall file in the office of the State Department of Health, satisfactory plans of all sewers constructed during that year, together with any other information in connection therewith that may be required, in order that the Sanitary Water Board may at all times have full information as to the extent and use of the system.

TENTH: The provisions of this permit in so far as they apply to the discharge of sewage into the public sewer system of the City of Butler shall be inoperative until a certified copy of an agreement between the Commissioners of Butler Township, Butler County, and the City of Butler, providing for the reception and disposal of the sewage of the Township by the City, in form satisfactory to the Sanitary Water Board, shall have been filed with the Board.

ELEVENTH: If at any time the herein approved sewers, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

1150153

It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By:

. . . . . .
Theodore B. Appel, M.D.,
Chairman.

Attest:

. . . . . .
J. E. Hofferi,
Acting Secretary.

1150154

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and thirty, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - THEODORE B. APPEL - - - - - - - - - - and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . Notary Public

1150154A

[illegible], [illegible]
[illegible] 15735

October 17, 1980

On [illegible] 1, 1979 [illegible] the [illegible] dated April 1, 1979 [illegible] "A" [illegible] [illegible] [illegible] Butler Town-ship, Butler County, [illegible] [illegible] [illegible] for [illegible] [illegible] J. V. Waltz (Lotts) service layout, [illegible] [illegible] sanitary sewer plans. The application was accompanied by duplicate plans and profiles.

[illegible] proposed sanitary sewer [illegible] to serve a [illegible] [illegible] [illegible] the Waltz plan of lots in Butler Township, Butler County. They are to drain into the sewer [illegible] of the Waltz Subdivision, which in turn drains into the Butler sewer system.

Heretofore this section was served with sewers, but the sewers were discontinued at a manhole. The plans now under consideration provide for the abandonment of the manhole and the connection of the [illegible] sewers to the Waltz sanitary sewer system.

The application requests approval of 1058 feet

1150156

of 8" [illegible] 920 feet of [illegible]" sewer.

[illegible] of [illegible], [illegible] of [illegible] [illegible] to be re[illegible] by [illegible] to the [illegible] and [illegible] should not [illegible].

[illegible]

In [illegible] of the [illegible] is not [illegible] to be [illegible] [illegible] to the Board of [illegible] of [illegible], Butler County, approving [illegible] extension [illegible] plan entitled "Proposed Extension [illegible] Subdivision, Butler, Penn.", [illegible] 3146-024, and "Plan Subdivision, Butler, Penn.", [illegible] 3165-024, received in this office of the District Engineer, Philadelphia, on September 16, 1929, subject to the [illegible] conditions Nos. 1, 2, 3, 4, 10, 11, and 13.

Respectfully submitted,

J. R. Harvey.
J. R. Harvey,
Assistant Engineer.

D20c

APPROVED:

C. H. Young,
District Engineer.

1150157

RECEIVED

APR 9 1929

DISTRICT "C" OFFICE

To the Commissioners of
Butler Township, Butler County,
Pennsylvania.

On January sixth, one thousand nine hundred and twenty-nine, an application was received in the Department's District Office at Meadville, from the Commissioners of Butler Township, Butler County, requesting approval of the construction and use of extensions to the public sewer system, in accordance with the provisions of The Administrative Code approved June seventh, one thousand nine hundred and twenty-three, amended April thirteenth, one thousand nine hundred and twenty-seven.

1150158

Under authority of a resolution of the Sanitary Water Board adopted July seventeenth, one thousand nine hundred and twenty-three, the data submitted with the application have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the proposed sewer extensions are intended to provide sewerage facilities for the Ritts Subdivision; that discharge of the sewage therefrom will be made into the public sewer system of the City of Butler; that the design of the proposed sewers is satisfactory and approval therefor can be given.

The Bureau of Engineering has recommended approval of the construction and use of the proposed sewer system and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on March twenty-eighth, one thousand nine hundred and twenty-nine, authorized the granting of a permit to Butler Township, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given for the construction and use of the proposed sewer extensions, as shown on plans received January fourth, one thousand nine hundred and twenty-nine bearing general title,"Ritts Subdivision",

dated October thirty-first, one thousand nine hundred and twenty-eight and subtitled, "Service Layout" sheet No. 3146-02, and "Profiles to accompany Plan No. 3146-02", as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to Butler Township shall be continued in full force.

SECOND: During construction no radical changes shall be made from the plans herein approved unless the municipality shall first submit the proposed revision to the Sanitary Water Board and receive written approval thereof.

THIRD: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans as herein approved or amended and with the conditions of this permit.

FOURTH: No storm water from pavements, areaways, roofs or other sources shall be admitted to the sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

FIFTH: During construction of the herein approved sewers, proper care shall be taken to secure tight joints in order to reduce the infiltration of ground water to a minimum,

and also to secure straight grades and alignment and smooth interior surfaces in order to deliver the sewage to the outlet in as fresh a condition as possible.

LIMIT: If at any time the sewerage system of the municipality, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance or become a menace or prejudicial to the general interests of the public health, the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any rule made or to be made by the municipality inconsistent with its lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of the profession of engineering.

1150161

It is required by Law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Butler County.

SANITARY WATER BOARD

By .....
Theodore B. Appel, M.D.,
Chairman.

Attest .....
W. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
March twenty-eighth, one thousand
nine hundred and twenty-nine.

STATE OF PENNSYLVANIA :
: SS
COUNTY OF DAUPHIN :

On the . . . . . day of . . . . . in the year one thousand nine hundred and twenty-nine, before me, the Subscriber, a Notary Public, came the above named - - - - - - - - - - - - - HERBERT B. APPEL - - - - - - - - - - and duly acknowledged the foregoing form to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

. . . . . .
Notary Public

150163

[illegible]

1st Class Township: Butler County: Butler

Application No. 5695 Public Received: 1-5-29

Log Plans recently [illegible] January 4, 1929 by [illegible] general title "[illegible] for", [illegible] 10-1-28 and entitled "Service Layout" sheet no. 3146-02, and "Profiles to accompany plan no. 3146-02".

Application for approval of plans for [illegible] subdivision in Butler Township, Butler County, north of the City of Butler.

Streams and Bodies of Water Affected: Connoquenessing Creek, a tributary of Beaver River.

[illegible]

March 1, 1929

Present Type of Sewerage: City of Butler is [illegible] sewered, and [illegible] section of Butler Township is [illegible] sewered. Sewage is intercepted and pumped to a [illegible] sewage treatment plant consisting of [illegible] separate sludge digestion and glass covered sludge beds, the effluent of the plant being discharged to Butchers Run near its junction with Connoquenessing Creek.

Compliance with Previous Permits: Butler Township has complied with past permits.

1150164

General Nature of the Application: Lateral sewers to serve Weitz Subdivision, a high-class development in Butler Township north of the City of Butler. Discharge will be into existing sewer on Cedar Street in Butler, an extension to this sewer being necessary to connect with development at city line.

How Application Conforms to Comprehensive Plan: Application agrees with comprehensive plan of City of Butler and is well adapted to the general topography of the territory.

Reason for the Sewer Extension: To serve a new high-class real estate development.

REMARKS

The subdivision to which this application applies is a high-class development consisting of 77 lots, each of which is very large in size. It is probable, in view of the nature of the topography and the type of the development, that progress in construction of houses will be slow. The ultimate sewage discharge probably will not be in excess of fifty or sixty thousand gallons per day.

All sewers are eight inches in diameter with grades, capacities and velocities that are entirely ample.

The sewage will be discharged at one point in line with an existing sewer in Cedar Street within the City of Butler. However, in order to carry this sewage to the treatment works via City of Butler sewers, it will be necessary to construct an extension to the existing sewer in Cedar Street. Application has been made for this by the City of Butler under date of January 4, 1929.

RECOMMENDATIONS

It is recommended that a permit be granted subject to the following standard stipulations as adopted January 10, 1923: 1, 2, 3, 4, 10, 11 and 28.

Respectfully submitted,

D Oc

Edmund C. Miller,
Assistant Engineer.

APPROVED:

C. H. Young,
District Engineer.

Entered "C"

RECEIVED

SEP 16

1150166

Sanitary Water Board
Form 10 - Rev. May 1925

COMMONWEALTH OF PENNSYLVANIA DISTRICT "C" OFFICE
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

5735

Application relative to MUNICIPAL SEWERAGE

From Butler Township Butler County, Pennsylvania
(Name of municipality)

Sept 13, 1929
(Date)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pa.

Gentlemen:—

In accordance with the provisions of the Administrative Code approved June 7, 1923, P. L. 498 the public authorities having by law charge of the sewer system of Butler Township (Name of municipality) in Butler County, in the State of Pennsylvania, hereby make application for the issuance of a permit for extension to J. V. Ritts service lay-out (Describe briefly the sewerage project for which this application is made, telling in a few words what the accompanying plans and report show in detail and if sewage is to be discharged into the waters of the State without treatment, application for permission so to do must be made herein)

as described in accompanying plans.

1150167

as is more fully shown on the accompanying certified copies of plans and surveys prepared by

R. M. Travis (Name of Engineer) and in the report thereon prepared by

R. M. Travis (Name of Engineer) all of which are made part of this application.

BOARD OF COMMISSIONERS BUTLER TWP. (Name)

(Title) Secretary

(SEAL)

Box 538 Butler, Pa (Post office address for further correspondence)

Note. For affidavit which must be executed, see last page.

Note:—All plans must be submitted in DUPLICATE.

RELEVANT STATE LAW

ADMINISTRATIVE CODE APPROVED JUNE 7, 1923.

Section 202. "* * * The following departmental administrative boards * * * are hereby created in the respective administrative departments as follows * * * In the Department of Health—Sanitary Water Board * * *"

Section 431. "* * * The Sanitary Water Board shall consist of the Secretary of Health, who shall be Chairman thereof, the Secretary of Forests and Waters, the Attorney General, the Commissioner of Fisheries, and the Chairman of the Public Service Commission of the Commonwealth of Pennsylvania."

Section 1810. "* * * the Sanitary Water Board shall have the power, and its duty shall be:

(a) To exercise all the powers and perform all the duties vested in and imposed upon the Commissioner of Health, the Governor, and the Attorney General, or any of them, by sections 1 and 5, and sections 7 to 11, inclusive, of the Act, approved the twenty-second day of April, one thousand nine hundred and five (Pamphlet Laws, two hundred and sixty). * * * *

Provided, That it shall require the affirmative votes of three of the members of the Board to authorize the granting of a permit for discharging sewage into any of the waters of the State under section five of the said Act;

(b) To exercise all other powers, not contrary to law, heretofore exercised by the Department of Health or the Commissioner of Health with regard to granting permits for the erection of sewage disposal works or plants and the construction of sewers or sewer systems."

ACT APPROVED APRIL 22, 1905, P. L. 260.

"Section 1. Be it enacted, &c., That the term "waters of the State," wherever used in this act, shall include all streams and springs, and all bodies of surface and of ground water, whether natural or artificial, within the boundaries of the State.

Section 4. No person, corporation, or municipality shall place, or permit to be placed, or discharge, or permit to flow into any of the waters of the State, any sewage, except as hereinafter provided. But this act shall not apply to waters pumped or flowing from coal mines or tanneries, nor prevent the discharge of sewage from any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation and was discharging sewage into any of the waters of the State at the time of the passage of this act. But this exception shall not permit the discharge of sewage from a sewer system which shall be extended subsequent to the passage of this act.

1150168

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or excrementitious or other discharges from the bodies of human beings or animals.

Section 5. Upon application duly made to the Commissioner of Health, by the public authorities having by law the charge of the sewer system of any municipality, the Governor of the State, the Attorney General, and the Commissioner of Health shall consider the case of such a sewer system, otherwise prohibited by this act from discharging sewage into any of the waters of the State, and, whenever it is their unanimous opinion that the general interests of the public health would be subserved thereby, the Commissioner of Health may issue a permit for the discharge of sewage from any such sewer system into any of the waters of the State, and may stipulate in the permit the conditions on which such discharge may be permitted. Such permit, before being operative, shall be recorded in the office of the recorder of deeds for the county within the outlet of the said sewer system is located. Every such permit for the discharge of sewage from a sewer system shall be revocable, or subject to modification and change, by the Commissioner of Health, on due notice, after an investigation and hearing, and an opportunity for all interested therein to be heard thereon, being served on the public authorities of the municipality owning, maintaining, or using the sewage system. The length of time, after receipt of the notice, within which the discharge of sewage shall be discontinued may be stated in the permit, but in no case shall it be less than one year or exceed two years, and if the length of time is not specified in the permit it shall be one year. On the expiration of the period of time prescribed, after the service of a notice of revocation, modification, or change, from the Commissioner of Health, the right to discharge sewage into any of the waters of the State shall cease and terminate; and the prohibition of this act against such discharge shall be in full force, as though no permit had been granted, but a new permit may thereafter again be granted, as hereinbefore provided.

Section 7. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State, without a duly issued permit, in any case in which a permit is required by this act, shall be five hundred dollars, and a further penalty of fifty dollars per day for each day the offense is maintained, recoverable by the Commonwealth, at the suit of the Commissioner of Health, as debts of like amount are recoverable by law. The penalty for the discharge of sewage from any public sewer system into any of the waters of the State without filing a report, in any case in which a report is required to be filed, shall be fifty dollars, recoverable by a like suit.

Section 11. Any order or decision, under this act, of the Commissioner of Health, or that of the Governor, Attorney General and Commissioner of Health, shall be subject to an appeal to any court of common pleas of the county wherein the outlet of such sewer or sewer system, otherwise prohibited by this act, is situated; and said court shall have power to hear said appeal, and may affirm or set aside said order or decision, or modify the same, or otherwise fix the terms upon which permission shall be granted. But the order or decision appealed from shall not be superseded by the appeal, but shall stand until the order of the court, as above."

ACT APPROVED MAY 14, 1915, P. L. 312 (The General Borough Code, Chapter 6, Article 12)

Section 5. "No contract for the construction of any such sewer systems shall be entered into until a permit for the construction of the same shall have been obtained from the Commissioner of Health."

Section 13. "Boroughs may enter into agreements with municipalities or townships, for the purpose of building sewers, including trunk line sewers or drains, and sewage disposal plants. Such agreement shall provide for the joint maintenance of the same."

Section 14. "No such sewer or plant shall be constructed until plans and specifications have been submitted to the State Department of Health, and approved in accordance with provisions of the Act of April twenty second, one thousand nine hundred and five, page two hundred and sixty, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED JULY 11, 1917, P. L. 810 (The General Township Code, Chapter 14, Article 1)

Section 1072. "The commissioners shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township; and, to this end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons, and to purchase, acquire, enter upon, take, appropriate, occupy, and use such lands, rights and interests therein, within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer, main drains or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewage facilities and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Commissioner of Health. In accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State for the protection of the public health.'"

ACT APPROVED APRIL 30, 1925, Act 225 (The General Township Code, Chapter 14, An Amendment To Include Article 3)

Section 1414. The supervisors shall make the necessary provision for the disposition of the sewage and drainage within, or for carrying the same beyond, the limits of the township and to this, end they are hereby authorized to enter into contracts with other municipalities and other corporations or persons and to purchase, acquire, enter upon, take, appropriate, occupy and use such lands, rights, and interests therein within the corporate limits of other townships or boroughs as shall be necessary for the proper location, construction, maintenance, use, and operation of sewer main, drains, or disposal plants, including such lands, rights, and interests therein as shall be necessary for future additions to and enlargements of such sewerage facilities, and as may be necessary to carry out the plans and specifications upon which a permit has been issued by the Secretary of Health in accordance with the provisions of the act of April twenty-second, one thousand nine hundred and five, entitled "An act to preserve the purity of the waters of the State for the protection of public health" and of "The Administrative Code."

ACT APPROVED JUNE 5, 1915, P. L. 872. (County Sewer Districts)

Section 4. "After such plans and specifications have been prepared by said county commissioners, and before presentation thereof to the court or grand jury, as provided for in section three of this act, they shall be submitted to the State Department of Health; and approval by said State Department of Health of the same shall be first had in accordance with the act of Assembly of April twenty second, one thousand nine hundred and five, entitled, 'An act to preserve the purity of the waters of the State, for the protection of the public health.'"

ACT APPROVED MAY 1, 1909, P. L. 288, as AMENDED JUNE 15, 1911, P. L. 993, (Municipal Cooperative Sewerage).

Section 1. "* * * That whenever in the construction of a sewage system, including trunk-line sewers or drains and a sewage disposal plant or plants, or either, after plans and specifications have been prepared and submitted to the State Department of Health, and approved in accordance with the act of Assembly of April twenty second one thousand nine hundred and five, entitled 'An act to preserve the purity of the waters of the State, for the protection of the public health,' it shall be necessary or advisable for two or more municipalities, or a municipality and a township, to use such sewage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewage system, and shall jointly maintain the same."

NOTE: The repealer clauses of the Borough Code and Township Code repealed the above section so far as boroughs and townships are concerned. (see citations on pages 170 and 171 of the pamphlet laws of 1915, and on pages 984 and 988 of the pamphlet laws of 1917) hence, it appears that the above citation now only applies to municipalities other than boroughs or townships.

OPINION OF THE ATTORNEY GENERAL.

The Attorney General of the Commonwealth interpreting certain parts of the Act approved April 22, 1905, in an opinion dated March 20th, 1912, has ruled that if the public authorities of a municipality desire to permit citizens of that municipality to construct and operate a sewage system from which sewage will be discharged into State waters, the said public authorities must make application to the Commissioner of Health for a permit for the contemplated discharge of sewage into State waters and must be held responsible for the observance of any conditions stipulated in the permit.

1150169

STATE OF PENNSYLVANIA, } ss:

COUNTY OF Butler

Leo. E. Mc Laughlin, Secretary being duly sworn according to law deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Board of the Commissioners and approved by the Board thereof, on the 13th day of September 1929 and that the data shown on the plans and set forth in the report accompanying the foregoing application and made a part thereof, are true to the best of his knowledge and belief.

BOARD OF COMMISSIONERS OF BUTLER COUNTY

Sworn to and subscribed before me this 13th day of September 1929

Leo E Mc Laughlin (seal)

Secretary

W J Pollock
Notary Public.

My Commission expires

BUREAU OF ENGINEERING
OFFICE RECORD

APPLICATION: No. Attested Recd.

For

PLANS: Number of Rec'd.

Serial No.

ASSIGNED TO Date Field Ins'p.

REPORT BY Dated Rec'd.

ENGRS. STUDY NO. Dated By

APPROVED: Chief Engineer

Secretary of Health

SUBMITTED TO SANITARY WATER BOARD

PERMIT: Authorized by Sanitary Water Board Dated

Sent to Date

REMARKS

STREAM OBSTRUCTION APPROVAL

Chf. Engineer, W. & P. R. Bureau and Secretary Sanitary Water Board.

Notified Ack. Approval W. & P. R. B. U.

Approves Certified [illegible] to

ER-OS-18

1150170

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

E N D

BUREAU OF WATER QUALITY MANAGEMENT

DIVISION OF MANAGEMENT SERVICES

FOLDER TITLE Butler Area SS A-5635

NUMBER 10.909 SE 52049-693

PERMIT WQG028325

BUTCHER RUN INTERCEPTOR IMPROVEMENT PROJECT

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Northwest Regional Office

APR 12 2011

M. John Schon
Operations Director
Butler Area Sewer Authority STP
100 Litman Road
Butler, PA 16001-3256

Re: Sewerage
Butcher Run Interceptor Improvement Project
WQM Permit No. WQG028325
APS ID No. 740080
City of Butler, Butler County

Dear Mr. Schon:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and application-supporting documents before starting construction.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. §7514, and the Administrative Agency Law, 2 Pa. C.S.A. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD 717-787-3483 FOR MORE INFORMATION.

If you have any questions, please call Robert Hutchinson at (814) 332-6679.

Sincerely,

John A. Holden, P.E.
Regional Manager
Water Management

Enclosures

cc: James Bowser, P.E., Chester Engineers
Monitoring & Compliance Section (e-mail)
537 Planning (e-mail)
Donna Donaldson, Butler Township Secretary
File

3800-PM-WSFR0045f 6/2005
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

WQG-02
WATER QUALITY MANAGEMENT
GENERAL PERMIT FOR SEWER EXTENSIONS AND PUMP STATIONS
PERMIT NUMBER WQG028325

A. PERMITTEE (Name and Address):	B. PROJECT/FACILITY (Name):
Butler Area Sewer Authority 100 Litman Road Butler, PA 16001-3256 **CLIENT ID#:** 78363	Butcher Run Interceptor Improvement Project **C. LOCATION (County, Municipality):** Butler City, Butler County

D. This General Permit approves the construction and operation of:

☒ **SEWER EXTENSION**

☐ **PUMP STATION**

E. APPROVAL GRANTED BY THIS GENERAL PERMIT IS SUBJECT TO THE FOLLOWING:

1. All construction, operations and procedures shall be in accordance with the *Domestic Wastewater Facilities Manual*.

   Transfers: In the event the permittee plans to transfer ownership of the facility to another entity, the permittee and the transferee shall submit an application for such transfer to DEP. If the transfer is approved by DEP, the transferee is subject to the terms and conditions of this General Permit.

2. The attached conditions apply to this General Permit and are hereby made part of same.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the NOI or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this General Permit shall void the authority given to the permittee by the issuance of this General Permit.
3. This General Permit is issued pursuant to the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this General Permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: APR 12 2011

BY: John A. Holden

John A. Holden, P.E.
TITLE: Water Management Program Manager
Northwest Regional Office

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT CONDITIONS

General

1. Consistent with DEP's technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities*, DEP ID: 362-2000-007, available on DEP's Web site, DEP considers the registered professional engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility's design.
2. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.
3. If, at any time, the sewer extension and/or pump station covered by this General Permit creates a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
4. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the facilities.
5. This General Permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to, or over any lands which belong to the Commonwealth.
6. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

7. An Erosion and Sedimentation (E&S) Control Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.

   If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES Permit is required.

   In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local county conservation district office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements please contact your local county conservation district office.
8. Prior to beginning any construction or excavation, the locations of all utility lines must be identified through notification to the PA One Call system (www.paonecall.org). The notification shall not be less than three nor more than 10 working days in advance of beginning the construction or excavation.
9. The local waterways conservation officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if there is any use of explosives in any waterways and the permittee shall notify the local waterways conservation officer when explosives are to be used.
10. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The whole manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.
11. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

12. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification. Construction must be completed within two years of permit issue date.

Operation and Maintenance

13. The permittee shall maintain sewer extension and/or pump station operation and maintenance (O&M) manuals at the facility and ensure proper O&M of the permitted facility. The permittee shall file the O&M manuals with DEP upon request.
14. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sewer extension or pump station.
15. The sewer extension shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimal settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
16. The approved sewer extensions and/or pump stations shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
17. The sewer extension and/or pump station shall be properly operated and maintained so that the facility will perform as designed.
18. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
19. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of the sewer extension and/or pump station.
20. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code, Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR Part 257 and the Federal Clean Water Act and its amendments.

PERMIT 1071401

SEWER EXTENSION FOR CRESTMONT PLAN

COMM. OF PA. TO BUTLER AREA SEWER AUTH.

H710.120 REV. 11/69

Commonwealth of Pennsylvania
Department of Environmental Resources
Sanitary Engineering
PERMIT

NO. 1071401

A. PERMITTEE: (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality Butler Township
County Butler

C. TYPE OF FACILITY
Sewer extension

D. NAME OF MINE OR AREA SERVED
Crestmont Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
a. [X] ~~XXXXXXXXXX~~; Sewers and Appurtenances
b. [ ] Sewage Treatment Facilities
c. [ ] Industrial Wastes Treatment Facilities

2. The Discharge Of: NONE
a. [ ] Treated
[ ] Untreated
b. [ ] Industrial Wastes
[ ] Sewage
TO: _____ (Receiving Waters)

3. The Operation Of: N.A.
a. [ ] A Coal Mine
Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines)
Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

1. ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 1071401 DATED 2-15-71, AND AMENDMENTS DATED - - -.) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 1,2,3,4,5,6,7,9,10,11,13,14,15,17,18,25, and 27 OF THE Sewerage STANDARD CONDITIONS DATED 11-1-42, WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

3. SPECIAL CONDITION(S) NUMBERED NONE WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.
This permit shall have the same force and effect as if it contained the name and seal of the Department of Environmental Resources

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT, OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1987, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED
DATE MAR 22 1971 BOOK 908 PAGE 853

DEPT. OF ENVIRONMENTAL RESOURCES
BY Howard G. Luley
Howard G. Luley, P. E.
TITLE Regional Sanitary Engineer

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
505 State Office Building
300 Liberty Avenue
Pittsburgh, Pennsylvania 15222

MAR 22 1971

CERTIFIED MAIL

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

SUBJECT: Sewerage Application No. 1071401
Butler Area Sewer Authority
Butler Township
Butler County

Gentlemen:

Subject permit is enclosed.

Please study the permit carefully and direct any questions to the Facilities Section of this office.

Very truly yours,

Craig E. Yendell
For Howard G. Luley, P. E.
Regional Sanitary Engineer

HGL:gjb
Enclosures: Permit
Standard Conditions

cc: Central Office
File

" Treatment Plan "
Sharp-Zarnick & associates

BASA MAR 23 1971

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE
Effective November 1, 1942.

ONE: All relevant and non-superseded conditions of prior sewerage permits, decrees, or orders issued to the herein name permittee or his predecessor shall be continued in full force and effect.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Department of Environmental Resources and receive written approval thereof.

THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other date as herein approved or amended, and with the conditions of this permit.

FOUR: During construction the herein approved sewers shall be so laid and such care and skill shall be used in their construction as will insure that they conform to the following requirements:

(a) They shall have well-fitted joints made tight to reduce infiltration to a minimum; shall be laid with straight alignment and to true grade; and shall have smooth interior surfaces.

(b) They shall have adequate foundation support by means of the natural soil; or by an approved, especially prepared foundation of piling, concrete cradle, or encasement, or otherwise as conditions require; and their trenches shall be so back-filled that the sewers will have proper structural stability, minimum settlement, and adequate protection against breakage.

(c) To these ends special care shall be taken in the placing of sewers under deep or shallow cover, under heavy loading, in stream crossings, in rock or wet excavations, or under other conditions which impose extra hazards upon their construction.

(d) All concrete used in connection with these sewers and their appurtenances shall be so placed and protected until cured that it will not be injured by water, freezing, drying, or otherwise.

(e) The type and material of both sewer pipe and joint shall be so selected in accordance with actual field and construction conditions, and shall be so incorporated into the work as to conform to the aforesaid requirements.

FIVE: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

SIX: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the sanitary sewers herein approved, which shall be used exclusively as carriers of domestic sewage and suitable industrial wastes.

Storm water shall be admitted only to such sewers as are specifically approved for use as combined sewers.

SEVEN: Attention is directed to the necessity of having a qualified person make proper study of all industrial wastes proposed for discharge to the public sewer system, to determine the degree of preliminary treatment, if any, which is necessary before these wastes may be discharged to the said system.

No industrial wastes shall be discharged to the sewer system which will prejudicially affect the sewerage structures or their functioning, or the processes of sewage treatment, and any permission granted by the permittee for industrial wastes discharge into the sewer system should reserve to the permittee the right to regulate the rate of such discharge or to require such further preliminary treatment as may be necessary, or the exclusion of the said industrial wastes from the sewers, if this be deemed necessary to protect the permittee's interests.

EIGHT: The permittee shall forthwith adopt and enforce an ordinance requiring all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; also requiring the abandonment of privies, cesspools or similar receptables for human excrement on said premises; and also prohibiting any connection from any privy vault or cesspool being made to the public sewer system.

NINE: In accordance with the provisions of State laws regarding connection to sewers and the rules and regulations of the Pennsylvania Department of Environmental Resources pertaining thereto, the permittee shall forthwith require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State laws, to be connected thereto; and shall also require the abandonment of privies, cesspools or similar receptacles for human excrement on said premises; and shall also prohibit any connection from any privy vault or cesspool being made to any approved sewers.

TEN: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary, and kept free from deposits by flushing or other proper means of cleansing, in order that they may at all times afford a proper means for the prompt conveyance of sewage.

ELEVEN: No sewers or sewerage work shall be constructed except such as are herein approved or have been approved by a prior permit still valid; and on or before December thirty-first of each year the permittee shall file in the office of the State Department of Environmental Resources satisfactory record, or detail plans, showing the correct plan of all sewers and sewerage structures as actually constructed during the year, together with any other information in connection therewith that may be required, in order that the Department may at all times have full information as to the extent and use of the system.

TWELVE: The outfall sewer shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effect thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Bureau of Sanitary Engineering; and shall be so protected against the effects of flood water, ice or other hazards as to reasonably insure its structural stability and freedom from stoppage.

THIRTEEN: The permittee shall secure any necessary permission

from the proper federal authority for any outfall or sewerage structure which discharges into or enters navigable waters and shall obtain from the State Department of Environmental Resources approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Department.

FOURTEEN: If at any time the sewerage system of the permittee, or any part thereof, or the discharge of sewage therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Department of Environmental Resources may advise or approve.

FIFTEEN: Nothing herein contained shall be constructed to be an intent of the part of the Department of Environmental Resources to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating sewerage and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

SIXTEEN: The improvements being effected in the waters of the State through the progressive, sanitary clean-up of streams by the Department of Environmental Resources render the effects of untreated municipal sewage and industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such sewage and/or industrial wastes must be suitably modified prior to its discharge thereto.

Therefore, the permittee is hereby notified that when the Department of Environmental Resources shall have determined that the public interests require the treatment or further treatment of the sewage and/or industrial wastes of the permittee, then the permittee shall, upon notice by the Department within the time specified, submit to the Department for its approval, plans and a report providing for the degree of treatment of the permittee's sewage and/or industrial wastes specified by the Department and after approval thereof shall construct such works in accordance with the directions of the Department.

SEVENTEEN: The approval herein given is specifically made

contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

EIGHTEEN: Promptly upon completion of the herein approved sewerage duplicate detail record plans showing these works as actually constructed, shall be filed with the Department of Environmental Resources for its information.

NINETEEN: When the herein approved sewage treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Environmental Resources so that an inspection of the works may be made by a representative of the Department.

TWENTY: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.

TWENTY-ONE: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Department of Environmental Resources.

TWENTY-TWO: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Environmental Resources and copies of such records shall be filed at weekly intervals in the office of the said Department. These reports shall include the quantity of sewage treated and the results of such tests and analyses as the Department may deem necessary for proper control of the operation of the sewage treatment works.

TWENTY-THREE: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advise and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the State. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of these works, or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof. Effective January 1, 1971, the sewage treatment plant shall be operated by a certified operator, in accordance with the Sewage Treatment Plant and Water works Operators' Certification Act, Act #322, approved November 18, 1968.

(amended June 13, 1969)

TWENTY-FOUR: The right to discharge the effluent from the permittee's sewage treatment works into the waters of the State is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Department of Environmental Resources, these works are not so operated or if by reason of increased load upon the works, changed use of condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void and within the time specified by the Department, the permitted shall take such remedial measures as will produce an effluent which in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-FIVE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the works where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-SIX: Adequate and assured ventilation shall be provided for all enclosed screen chambers, sewage wells, pump rooms, sludge wells, general control rooms, chlorine control, and digestor control rooms, and also for all other compartments in which explosive or dangerous gases or dusts can accumulate and which must be entered periodically for inspection or operation.

TWENTY-SEVEN: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being

used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

PERMIT 1075408

SEWER EXTENSION FOR DUTCHTOWN VILLAGE PLAN

COMMONWEALTH OF PA DEPT OF ENVIRON- 10 BUTLER AREA SEWER AUTHORITY
3-BWQ-15 Rev. 9/73 MENTAL RESOURCES

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1075408

PERMITTEE (Name and Address)
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION
Municipality: Butler Township
County: Butler

TYPE OF FACILITY OR ESTABLISHMENT
Sewer Extensions

D. NAME OF MINE, OPERATION OR AREA SERVED
Dutchtown Village Plan

THIS PERMIT APPROVES

1. Plans For Construction of
   - a. [X] SEWERS AND APPURTENANCES
   - b. [ ] SEWAGE TREATMENT FACILITIES
   - c. [ ] MINE DRAINAGE TREATMENT FACILITIES
   - d. [ ] INDUSTRIAL WASTE TREATMENT FACILITIES
   - e. [ ] OUTFALL & HEADWALL
   - f. [ ] STREAM CROSSING

2. The Discharge of: None
   - a. [ ] TREATED
   - [ ] UNTREATED
   - b. [ ] INDUSTRIAL WASTE
   - [ ] MINE DRAINAGE
   - [ ] SEWAGE

3. The Operation of: N/A
   - [ ] MINE MAXIMUM AREA TO BE DEEP MINED _____
   - [ ] DAM

4. An Erosion and Sedimentation Control Plan [X]
   PROJECT AREA IS 1.7 ACRES.

5. Nature of Discharge or Impoundment: N/A
   - [ ] DISCHARGE TO SURFACE WATER
   - [ ] DISCHARGE TO GROUND WATER
   - [ ] IMPOUNDMENT

   (Name of Stream to which discharged or drainage area on which ground water discharge takes place or impoundment is located).

F. You are hereby authorized to construct, operate or discharge, as indicated above, provided that you comply with the following :

1. All representations regarding operations, construction, maintenance and closing procedures as well as all other matters set forth in your application and its supporting documents (Application No. 1075408 dated December 8, 1975), and amendments dated March 15, 1976. Such application, it's supporting documents and amendments are hereby made a part of this permit.
2. Conditions numbered 1,2,3,4,5,6,7,8,9,11,12,13,14,21,22,30 and 31 of the Sewerage Standard Conditions dated 1972 revised 11/74 which conditions are attached hereto and are made a part of this permit.
3. Special condition(s) designated A which are attached hereto and are made a part of this permit.

The Authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the Rules and Regulations of the Department or the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Streams Law, The Act of June 22, 1937, P.L. 1987 as amended and/or the Water Obstruction Act of June 25, 1913, P.L. 555 as amended. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED

DATE MAR 25 1976

BY _____

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Jose R. del Rio, P. E.
TITLE Regional Sanitary Engineer

BOOK 1021 PAGE 4

SEWERAGE PERMIT NO. 1075408

This permit is subject to the following special condition:

A. The Butler County Conservation District shall be notified prior to the start of earthmoving associated with the construction of the project covered by this permit.

It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

ER-BWQ-69 Rev. 4-73

Sewerage Permit No. 1075402
Butler Area Sewer Authority
Butler Township
Butler County

STATE OF PENNSYLVANIA
} SS José R. del Río, P.E.
COUNTY OF

On the 26th day of March in the year one thousand nine hundred and seventy-six before me, the Subscriber, a Notary Public, came the above named

José R. del Río

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BOOK 1021 PAGE 5

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

1021 - 4

T&T

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ ~~7.00~~ 7.00 pd.

MAR 31 1 22 PM '76

Commonwealth of Penna.
Department of Environmental Resources

To

Butler Area Sewer Authority

Sewerage Permit
Butler Twp

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 31st day of March 1976 in Deed Book Book No. 1021 - 4 and my hand and the seal of

Clair K. Halstead
Recorder

BS lh

Mail to
Butler Area Sewer Authority
125 Pittsburgh Rd.
Butler, PA 16001

RECORDED MARCH 31, 1976 BOOK 1021 PAGE 6 CLAIR K. HALSTEAD
RECORDER

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, Pennsylvania 15222

CERTIFIED MAIL
428688
565-5091

MAR 26 1976

In reply refer to:
Sewerage Permit Number 1075408
Butler Area Sewer Authority
Butler Township
Butler County

Mr. David A. Kirk, Manager
Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

Dear Mr. Kirk:

Your permit and the items indicated below are enclosed. Please study these enclosures carefully.

To become operative your permit must be recorded in the Office of the Recorder of Deeds in Butler County. Please have the Recorder of Deeds accomplish the certificate and return it within ten (10) days.

If you have any questions, please contact us.

Very truly yours,

V. Vincent Luci

V. Vincent Luci
Sanitary Engineer

VVL/gm
Enclosures: Permit
Standard Conditions
Certificate
Return Envelope
Construction Report

cc: File
Design Engineer
Operations Section

BASA MAR 29 1976

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the standing of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereof as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

PERMIT 1076410

SEWER EXTENSION FOR OLD PLANK MANOR

COMMONWEALTH OF PA.: DEPT. OF ENVIRONMENTAL RESOURCES TO BUTLER AREA SEWER AUTHORITY

R-BWQ-15 Rev. 9/73

Appendix A-20-b

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1076410

A. PERMITTEE (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Street
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY OR ESTABLISHMENT

Sewer Extension

D. NAME OF MINE, OPERATION OR AREA SERVED

Old Plank Manor

E. THIS PERMIT APPROVES

1. Plans For Construction of

a. [X] ~~MAIN, LATERAL~~ SEWERS AND APPURTENANCES

b. [ ] SEWAGE TREATMENT FACILITIES

c. [ ] MINE DRAINAGE TREATMENT FACILITIES

d. [ ] INDUSTRIAL WASTE TREATMENT FACILITIES

e. [ ] OUTFALL & HEADWALL

f. [ ] STREAM CROSSING

2. The Discharge of: None

a. [ ] TREATED

[ ] UNTREATED

b. [ ] INDUSTRIAL WASTE

[ ] MINE DRAINAGE

[ ] SEWAGE

3. The Operation of: N/A

[ ] MINE
MAXIMUM AREA TO BE DEEP MINED _____

[ ] DAM

4. An Erosion and Sedimentation Control Plan [X]
PROJECT AREA IS 0.91 ACRES.

5. Nature of Discharge or Impoundment: N/A

[ ] DISCHARGE TO SURFACE WATER [ ] DISCHARGE TO GROUND WATER

[ ] IMPOUNDMENT

(Name of Stream to which discharged or drainage area on which ground water discharge takes place or impoundment is located).

F. You are hereby authorized to construct, operate or discharge, as indicated above, provided that you comply with the following:

1. All representations regarding operations, construction, maintenance and closing procedures as well as all other matters set forth in your application and its supporting documents (Application No. 1076410 dated December 3, 1976), and amendments dated _____. Such application, it's supporting documents and amendments are hereby made a part of this permit.
2. Conditions numbered 1,2,3,4,5,6,7,8,9,11,12,13,14,21,22,30 and 31 of the Sewerage Standard Conditions dated 1972, revised 11-74 which conditions are attached hereto and are made a part of this permit.
3. Special condition(s) designated A and B which are attached hereto and are made a part of this permit.

G. The Authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.
2. Failure to comply with the Rules and Regulations of the Department or the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.
3. This permit is issued pursuant to the Clean Streams Law, The Act of June 22, 1937, P.L. 1987 as amended and/or the Water Obstruction Act of June 25, 1913, P.L. 555 as amended.
Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED

DATE JAN 21 1977

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY for José R. del Rio, P.E.

TITLE Regional Sanitary Engineer

BOOK 1037 PAGE 601

SEWERAGE PERMIT NUMBER 1076410

This permit is subject to the following special conditions:

A. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

B. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

R-BWQ-69. Rev. 4-73

Sewerage Permit No. 1076410
Butler Area Sewer Authority
Butler Township
Butler County

STATE OF PENNSYLVANIA
COUNTY OF } SS José R. del Río, P.E.

On the 21st day of January in the year one thousand nine hundred and seventy-seven before me, the Subscriber, a Notary Public, came the above named

José R. del Río, P.E.

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co. PA
My Commission Expires February 3, 1980

BOOK 1037 PAGE 602

PERMIT 1079414

SEWER EXTENSION FOR WHETHERING HEIGHTS PLAN

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

Marlin Klan
Bessemer Avenue
Butler Twp.

WATER QUALITY MANAGEMENT PERMIT

NO. 1079414

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)

Sewer Extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Whethering Heights Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: N/A
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   Maximum Area to be Deep Mined N/A Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 0.3 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES ~~XXXXXXXXXX~~ SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1079414 DATED 8/24/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 10/5/79; 10/11/79. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED two through 9, 12, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED A and B WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE OCT 19 1979

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Stephen F. Pedersen

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1103 PAGE 489

SEWERAGE PERMIT NUMBER 1079414

This permit is subject to the following special conditions:

A. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

B. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these wastes may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective difinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection thereto is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P.L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

ER-BWQ-69 Rev. 1/78

Sewerage Permit #1079414
Butler Area Sewer Authority
Whethering Heights Plan
Butler Township
Butler County

STATE OF PENNSYLVANIA
> SS
COUNTY OF

Stephen F. Pedersen

On the 22nd day of October in the year one thousand nine hundred and seventy-nine before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

BOOK 1103 PAGE 491

1103-407

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 7.00

9664

OCT 25 8 45 AM '79

Commonwealth of Pa.
Dept of Environmental
Resources

to

Butler Area Sewer
Authority

Sewage Permit
Butler Tp

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 25 day of Oct A. D., 1979 in Deed Book No. 1103-489 Witness my hand and the seal of said Office.

Clair K. Halstead,

1103 pg 492

PERMIT 1080404

SEWER EXTENSION FOR EMRICK PLAN NO. 2

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080404

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler Oakdale Bluff

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sewer extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Emrick Plan No. 2

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances (Sewer Services) b. [ ] Sewage Treatment Facilities c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities e. [ ] Outfall & Headwall f. [ ] Stream Crossing g. [ ] Impoundment

2. N/A The Discharge Of: a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   N/A Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [x]
   Project Area is 0.7 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080404 DATED 3/17/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 5/7/80; 5/29/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE JUN 30 1980

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY _____

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1116 PAGE 312

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

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FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

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SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

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EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

BOOK 1116 PAGE 313

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

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TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

BOOK 1116 PAGE 317

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilities which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Sewerage Permit No. 1080404
Butler Area Sewer Authority
Emerick Plan No. 2
Butler Township
Butler County

STATE OF PENNSYLVANIA
COUNTY OF > SS Stephen F. Pedersen

On the thirtieth day of June in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

BOOK 1116 PAGE 319

1116-316

4203

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

JUL 18 8 31 AM '80

Com. of Pa.
Dept. of Environmental Resources

To

Butler Area Sewer Auth.

Sewage Permit
Butler Tp.

BUTLER COUNTY } SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 18 day of July A. D., 1980, in Deed Book No. 1116-312 Witness my hand and the seal of said Office.

Clair K. Halstead
Recorder

BOOK 1116 PAGE 320

PERMIT 1079414

SEWER EXTENSION FOR WHETHERING HEIGHTS PLAN

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

Marlin Klan
Bessemer Avenue
Butler Twp.

WATER QUALITY MANAGEMENT PERMIT

NO. 1079414

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment)

Sewer Extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Whethering Heights Plan

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: N/A
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water

   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   Maximum Area to be Deep Mined N/A Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 0.3 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES ~~XXXXXXXXXX~~ SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1079414 DATED 8/24/79 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 10/5/79; 10/11/79. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED two through 9, 12, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED A and B WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE OCT 19 1979

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY Stephen F. Pedersen

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1103 PAGE 489

SEWERAGE PERMIT NUMBER 1079414

This permit is subject to the following special conditions:

A. It is required by law that this permit, before being operative, shall be recorded in the office of the Recorder of Deeds in Butler County.

B. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these wastes may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective difinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection thereto is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P.L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

ER-BWQ-69 Rev. 1/78

Sewerage Permit #1079414
Butler Area Sewer Authority
Whethering Heights Plan
Butler Township
Butler County

STATE OF PENNSYLVANIA
> SS
COUNTY OF

Stephen F. Pedersen

On the 22nd day of October in the year one thousand nine hundred and seventy-nine before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1980

1103-497

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 7.00

9664

OCT 25 8 45 AM '79

Commonwealth of Pa.
Dept of Environmental Resources

to

Butler Area Sewer Authority

Sewage Permit
Butler Pa

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 25 day of Oct A. D., 1979 in Deed Book No. 1103-489 Witness my hand and the seal of said Office.

Clarence K. Halstead,
1103 492

PERMIT 1080404

SEWER EXTENSION FOR EMRICK PLAN NO. 2

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080404

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, PA 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler Oakdale Bluff

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sewer extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Emrick Plan No. 2

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Sewers and Appurtenances (Sewer Services) b. [ ] Sewage Treatment Facilities c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities e. [ ] Outfall & Headwall f. [ ] Stream Crossing g. [ ] Impoundment

2. N/A The Discharge Of: a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. Discharge To:
   N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   N/A Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [x]
   Project Area is 0.7 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080404 DATED 3/17/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 5/7/80; 5/29/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

PERMIT ISSUED

DATE JUN 30 1980

DEPARTMENT OF ENVIRONMENTAL RESOURCES

BY _____

Stephen F. Pedersen
Regional Water Quality Manager

BOOK 1116 PAGE 312

Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

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NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

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COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilities which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Sewerage Permit No. 1080404
Butler Area Sewer Authority
Emerick Plan No. 2
Butler Township
Butler County

STATE OF PENNSYLVANIA
SS
COUNTY OF

Stephen F. Pedersen

On the thirtieth day of June in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

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1116-316

4203

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

JUL 18 8 31 AM '80

Com. of Pa.
Dept. of Environmental Resources

To

Butler Area Sewer Auth.

Sewage Permit
Butler Tp.

BUTLER COUNTY } SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 18 day of July A. D., 1980, in Deed Book No. 1116-312 Witness my hand and the seal of said Office.

Clair K. Halstead
Recorder

BOOK 1116 PAGE 320

PERMIT 1080406

SEWER EXTENSION FOR BAKER PLAN, OLD PLANK ROAD

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080406

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes; type of establishment

Sewer extension

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Baker Plan old Rush Rd

E. THIS PERMIT APPROVES:

1. Plans For Construction Of: a. [X] Sewers and Appurtenances b. [ ] Sewage Treatment Facilities c. [ ] Industrial Wastes Treatment Facilities d. [ ] Mine Drainage Treatment Facilities e. [ ] Outfall & Headwall f. [ ] Stream Crossing g. [ ] Impoundment

2. N/A The Discharge Of: a. [ ] Treated b. [ ] Untreated c. [ ] Sewage d. [ ] Industrial Wastes

3. N/A Discharge To: a. [ ] Surface Water b. [ ] Ground Water
Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
N/A Maximum Area to be Deep Mined _____ Acres

5. An Erosion and Sedimentation Control Plan [X]
Project Area is 0.7 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080406 DATED 3/14/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 5/7/80; 5/29/80; 6/26/80 SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972, revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth-moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE JUN 30 1980

BY _____
Stephen F. Pedersen
Regional Water Quality Manager

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Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

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TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewerage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these waste may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

 1116 331

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be contructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonable insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewerage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by a operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide, in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection there to is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P. L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

Sewerage Permit No. 1080406
Butler Area Sewer Authority
Baker Plan
Butler Township
Butler County

STATE OF PENNSYLVANIA
SS Stephen F. Pedersen
COUNTY OF

On the **thirtieth** day of **June** in the year one thousand nine hundred and **eighty** before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Barbara L. Ceraso
NOTARY PUBLIC

BARBARA L. CERASO, Notary Public
Pittsburgh, Allegheny Co., PA
My Commission Expires February 3, 1984

BOOK 1116 PAGE 337

1116-330

4205

RECORDER OF DEEDS
REGISTER OF WILLS
BUTLER COUNTY
FEE $ 10.00

JUL 18 8 31 AM '80

Com. of Pa.
Dept. of Environmental Resources

To

Butler Area Sewer Authority

Sewerage Permit
Butler Tp.

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 18 day of July A. D., 1980 in Deed Book No. 1116-336 Witness my hand and the seal of said Office.

Claire K. Halstead
Recorder

BOOK 1116 PAGE 338

PERMIT 1080412

SEWER EXTENSION AND PUMP STATION FOR SOUTHGATE SUBDIVISION

ER-BWQ-15-Rev. 4/78

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

Appendix A-20-b

WATER QUALITY MANAGEMENT PERMIT NO. 1080412

A. PERMITTEE: (Name and Address)

Butler Area Sewer Authority
125 Pittsburgh Road
Butler, Pennsylvania 16001

B. PROJECT LOCATION

Municipality: Butler Township

County: Butler

C. TYPE OF FACILITY (For industrial wastes: type of establishment)

Sewer Extension and Pump Station

D. NAME OF MINE, PLANT, AREA SERVED, OUTFALL NO., ETC.

Southgate Subdivision

E. THIS PERMIT APPROVES:

1. Plans For Construction Of:
   a. [X] Pump Stations: Sewers and Appurtenances
   b. [ ] Sewage Treatment Facilities
   c. [ ] Industrial Wastes Treatment Facilities
   d. [ ] Mine Drainage Treatment Facilities
   e. [ ] Outfall & Headwall
   f. [ ] Stream Crossing
   g. [ ] Impoundment

2. The Discharge Of: N/A
   a. [ ] Treated
   b. [ ] Untreated
   c. [ ] Sewage
   d. [ ] Industrial Wastes

3. Discharge To: N/A
   a. [ ] Surface Water
   b. [ ] Ground Water
   Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.

4. The Operation of a Mine [ ]
   Maximum Area to be Deep Mined N/A Acres

5. An Erosion and Sedimentation Control Plan [X]
   Project Area is 31.3 Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1080412 DATED 7/15/80 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED through 8/19/80. SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.

2. CONDITIONS NUMBERED 2, 5, 6, 7, 9, 13, 14, 21 and 22 OF THE Sewerage STANDARD CONDITIONS DATED 1972 revised 11/74, AND CONDITIONS NUMBERED 1 through 20 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1973 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.

3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

4. It is required by law that this permit, before being operative, shall be recorded in the Office of the Recorder of Deeds in Butler County.

5. The Butler County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION ON ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.

2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1987 AS AMENDED 35 P.S. § 691.1 ET SEQ. AND/OR THE WATER OBSTRUCTION ACT, ACT OF JUNE 25, 1913, P.L. 555 AS AMENDED 32 P.S. § 681 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED

DATE OCT 6 1980

BY Stephen F. Pedersen

Stephen F. Pedersen
Regional Water Quality Manager

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Rev. 11-74

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO SEWERAGE - 1972

ONE: All relevant and non-superseded conditions of prior sewerage or water quality management permits or orders issued to the herein named permittee or his predecessor shall continue in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs, and assigns.

TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.

THREE: Sewers herein approved shall have tight, well-fitting joints, shall be laid with straight alignment and grade and shall have smooth interior surfaces. The sewers shall have adequate foundation support as soil conditions require. Special care shall be taken in construction of sewers under deep or shallow cover and under other conditions which impose extra hazards to sewer stability. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum setting and adequate protection against breakage. Concrete used in connection with these sewers shall be protected until cured from injury by water, freezing, drying or other harmful conditions.

FOUR: Manholes shall be placed and constructed as shown upon the herein approved plans except, that if not already so provided, they shall be placed on all sewers at junctions, at each change in grade or alignment, at summit ends, and upon straight lines at intervals not exceeding four hundred feet, or wherever necessary to permit satisfactory entrance to and maintenance of the sewers; manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of street wash or grit, and to provide convenient and safe means of access and maintenance.

FIVE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.

SIX: Attention is directed to the necessity of having a qualified person make a proper study of all industrial wastes discharging or proposed for discharge to the public sewer systems, to determine what degree of preliminary treatment is necessary before these wastes may be discharged to the sewer system so that the wastes will not prejudicially affect the sewerage structure or their functioning or the process of sewage treatment.

SEVEN: The permittee shall adopt and enforce an ordinance or otherwise require all occupied buildings on premises accessible to a public sewer used in conformity with the requirements of State Law, to be connected thereto; also require the abandonment of privies, cesspools or similar receptacle for human excrement on said premises.

EIGHT: The herein approved and previously constructed sewers shall be maintained in good condition, by repair when necessary and kept free from deposits by flushing or other proper means of cleaning.

NINE: The permittee shall file with the Department of Environmental Resources a satisfactory record or detail plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.

TEN: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Department; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

ELEVEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or sewage treatment structure which discharges into or enters navigable waters and shall obtain approval of any stream crossing, encroachment or change of natural stream conditions coming within the jurisdiction of the Department.

TWELVE: If at any time the sewerage facilities of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

THIRTEEN: Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating stream pollution and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

FOURTEEN: The approval herein given is specifically made contingent upon the permittee acquiring all necessary rights, by easement or otherwise as required, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property, with full rights of ingress, egress and regress.

FIFTEEN: When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.

SIXTEEN: The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facilities will individually and collectively perform the functions for which they were designed.

SEVENTEEN: The screenings and sludge shall be so handled that nuisance is not created and shall be disposed of in a sanitary manner satisfactory to the Department.

EIGHTEEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the Department, promptly at the end of each month, such report thereon as may be required by the Department.

NINETEEN: The sewage treatment works shall be operated by a competent person or persons. In this connection attention is directed to the necessity for expert advice and supervision over the operation of the sewage treatment works in order to secure efficiency of operation and protection to the waters of the Commonwealth. To this end the permittee shall place the operation of the sewage treatment works under the control of the designer of the works or some other person expert in the operation of sewage treatment works, for at least one year after completion thereof and report submitted. The sewage treatment works shall be operated by an operator certified in accordance with the Sewage Treatment Plant and Water Works Operators Certification Act, Act No. 322 approved November 18, 1968 as amended.

TWENTY: The right to discharge the effluent from the herein approved sewage treatment works into the waters of the Commonwealth is contingent upon such operation of these works as will at all times produce an effluent of a quality satisfactory to the Department. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

TWENTY-ONE: The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and easily legible character and shall provide for the thorough instruction of all employes concerning the aforesaid hazards and in first aid and emergency methods of meeting such hazards and shall further provide in a conveniently accessible place, all necessary equipment and material therefor.

TWENTY-TWO: Cross connections between a potable water supply and a sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply, from any unit of the sewage treatment works, or by any appurtenance thereof or from any part of a sewerage system, are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.

TWENTY-THREE: Effective difinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10% of the samples tested.

TWENTY-FOUR: The approval herein granted for sewers is limited to the right to construct the sewers, but approval of connection thereto is specifically withheld until such time approval for use thereof is granted by the Department.

TWENTY-FIVE: The attention of the permittee is directed to the fact that the effluent from the herein approved sewage treatment works is discharged to a dry stream normally without the benefit of dilution. If the effluent creates a health hazard or nuisance, the permittee shall upon notice from the Department of Environmental Resources, provide such additional treatment as may be required by the Department.

TWENTY-SIX: This permit authorized the construction and operation of the proposed sewerage facilities during the interim period from the effective date hereof until facilities for conveyance and treatment at a more suitable location, in accordance with either an Official Plan (as defined in the Act of January 24, 1966, P.L. 1535, The Pennsylvania Sewage Facilities Act) or the Department's Rules and Regulations. Title 25, Part 1, Subpart C, Article II, Section 91.31, are installed and are capable of receiving and treating the permittee's sewage. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of its sewage to these sewerage facilities, abandon the use of the herein-approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.

TWENTY-SEVEN: The plant hereby approved is required to effect secondary treatment of the sewage which it receives. Secondary treatment is that treatment that will reduce the organic waste load as measured by the biochemical oxygen demand test by at least 85% during the period May 1 to October 31 and by at least 75% during the remainder of the year based on a five consecutive day average of values; will remove practically all of the suspended solids; will provide effective disinfection to control disease producing organisms; will provide satisfactory disposal of sludge; and will reduce the quantities of oil, greases, acids, alkalis, toxic, taste and odor producing substances, color, and other substances inimical to the public interest to levels that will not pollute the receiving stream.

TWENTY-EIGHT: Records of the operation of the single residence sewage treatment works as the State Department of Environmental Resources may deem necessary for the proper control of the operation of the treatment works shall be kept on forms satisfactory to the Department and shall be filed in the Regional Office of the Department at intervals as specified.

TWENTY-NINE: The permittee shall submit to the Department by March 31 of each year a report showing the hydraulic and organic load compared to the design load and the expected load for a period of five years hence.

THIRTY: The permittee shall prohibit additional connections to a sewer system or load from being placed upon a sewage treatment plant when the plant capacity will be exceeded within five years unless steps have been taken to enlarge the plant within that time.

THIRTY-ONE: The permittee shall take the necessary measures for the construction of sewerage facilities in a manner compatible with good conservation methods to minimize the effect on the environment, the regimen of the stream bed or channel, and to prevent sediment and pollutants from entering the waters of the Commonwealth.

THIRTY-TWO: The local waterways patrolmen of the Pennsylvania Fish Commission shall be notified when the construction of the stream crossing and outfall is started and completed. A permit must be secured from the Pennsylvania Fish Commission if the use of explosives is required. The permittee shall notify the local waterways patrolmen when explosives are to be used.

THIRTY-THREE: If future operations by the Commonwealth of Pennsylvania require modification of the stream crossing, and/or outfall or there shall be unreasonable obstruction to the free passage of floods or navigation, the permittee shall remove or alter the structural work or obstruction without expense to the Commonwealth of Pennsylvania. If upon the revocation of the permit, the work shall not be completed, the permittee, at his own expense and in such time and manner as the Department may require, shall remove any or all portions of the incompleted work and restore the watercourse to its former condition. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

STANDARD CONDITIONS RELATING TO EROSION CONTROL

For use in Water Quality Management Permits

1973

General

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.

2. All relevant conditions of any prior water quality management permits, decrees, or orders issued to the herein permittee or his predecessor shall be continued in full force and effect unless explicitly superseded by this permit. The provisions of this permit shall apply to the permittee's successors, lessees, heirs and assigns.

3. The responsibility for the carrying out of the conditions of this permit shall rest upon the owner, lessee, assignee, or other party in responsible managerial charge of the earthmoving affecting the runoff and of the erosion control facilities herein approved, such responsibility passing with each succession in said control. Approval of measures and facilities under a permit shall not be effective as to a new owner until a transfer has been executed and filed on forms provided by the Department and the transfer is approved by the Department.

4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or structure which discharges into or enters navigable waters.

5. In order to avoid obsolescence of the plans of erosion control measures and facilities, the approval of the plans herein granted, and the authority granted in the permit, if not specifically extended, shall cease and be null and void two years from the date of this permit unless the erosion control measures and facilities covered by said plans shall have been completed and placed in operation on or before that date. Also, cancellation of permits by the Regional Sanitary Engineer or Water Quality Manager may be possible six months after construction has ended.

6. Approval of plans refers to functional design and not constructional stability, which is assumed to be sound and in accordance with good structural design. Failure of the measures and facilities herein approved because of faulty structural design or poor construction will render the permit void.

7. If at any time the activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.

8. The Clean Streams Law and the Regulations promulgated thereunder are incorporated into and made part of this permit.

9. The permittee shall have his erosion control plan available at the site of the activity at all times.

Construction

10. At least seven days before earthmoving will begin, the permittee, by certified mail, shall notify the Regional Sanitary Engineer or Water Qulaity Manager of the date for beginning of construction.

11. All earthmoving activities shall be undertaken in such a manner as to minimize the areal extent of disturbed land.

12. All surface water upslope of the project area shall be kept away be diverting the water around the project area.

13. The erosion control measures and facilities shall be constructed under expert professional supervision and competent inspection, and in accordance with plans, designs, and other data as herein approved or amended, and with the conditions of this permit.

14. No radical changes shall be made in the measures and facilities herein approved without approval of the Department. Revisions which do not change the control measures and facilities or the points of discharge may be approved by the Regional Sanitary Engineer or Water Quality Manager upon submission of plans. Other revisions must be approved by a permit.

15. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the Department so that an inspection of the measures and facilities may be made by a representative of the Department.

Operation and Maintenance

16. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the measures and facilities for which this permit is issued, unless with the approval of the Department.

17. The erosion control measures and facilities herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed. In order to insure the efficacy and proper maintenance of the measures and facilities, the permittee shall make periodic inspections at sufficiently frequent intervals to detect any impairment of the structural stability, adequate capacity, or other requisites of the herein approved measures and facilitiies which might impair their effectiveness, and shall take immediate steps to correct any such impairment found to exist.

18. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. Any such material removed shall be handled and disposed of so that a problem is not created and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.

19. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.

20. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.

BOOK 1121 PAGE 369

ER-BWQ-69 Rev. 1/78

Sewage Permit No. 1480202
Butler Area Sewer Authority
Southgate Subdivision
Butler Township
Butler County

STATE OF PENNSYLVANIA
COUNTY OF > SS Stephen F. Pedersen

On the 6th day of October in the year one thousand nine hundred and eighty before me, the Subscriber, a Notary Public, came the above named

Stephen F. Pedersen

and duly acknowledged the foregoing permit to be his act and deed and desired that the same might be recorded as such.

Witness my hand and notarial seal the day and year aforesaid.

Kathryn Gouirand
NOTARY PUBLIC

KATHRYN GOUIRAND, Notary Public
PITTSBURGH, ALLEGHENY COUNTY, PA.
MY COMMISSION EXPIRES
APRIL 6, 1984

BOOK 1121 PAGE 370

1121 360

RECORDER OF DEE
REGISTER OF WIL
BUTLER COUNTY
FEE $ 10.00

OCT 23 8 33 AM '80

6817

Com. of Pa.
Dept. of Environmental Resources

to

Butler Area Sewer Auth.

Sewage Permit
Butler Township

BUTLER COUNTY SS
PENNSYLVANIA

Recorded in the Recorder's Office of said County on the 23rd day of October A. D., 1980. In Deed Book No. 1121 Pg. 365 Witness my hand and the seal of said Office.

Clair K. Hazelrad
Recorder

BOOK 1121 PAGE 371

PERMIT 1074404A-1

MODIFICATIONS TO SEWAGE TREATMENT PLANT

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

July 25, 2017

Mr. John Schon
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001-3256

Re: WQM Permit - Sewage
Butler Area STP
Permit No. 1074404 A-1
Authorization ID No. 1174722
Butler Township, Butler County

Dear Mr. Schon:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Enclosed is the "Water Quality Management Post Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities. You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to DEP within 30 days of completion of the project and must be received by DEP prior to commencing operation of the facilities.

Please be advised that the authority granted in this permit will, if not specifically extended, cease and be null and void two years from the issuance date of this permit unless construction has begun on or before the second anniversary of the permit date.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal

form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

During construction or upon completing construction, please contact Adam J. Pesek, E.I.T. at 814.332.6331 or apesek@pa.gov so that an inspection of the facilities may be conducted, at DEP's discretion.

Sincerely,

John A. Holden, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: Charles K. Brence, P.E. / Chester Engineers, Inc.
Edward A. Kirkwood / Butler Township

3800-PM-WSFR0015 1/2011
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT NO. 1074404

AMENDMENT NO. 1

APS ID. 936301

AUTH. ID. 1174722

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: 78363 **Butler Area Sewer Authority** **100 Litman Road** **Butler, PA 16001-3256**	B. PROJECT/FACILITY (Name): **Butler Area STP**
C. LOCATION (Municipality, County): **Butler Township, Butler County**	SITE ID#: 262833

D. This permit amendment approves the modification and operation of sewage facilities consisting of:

Replacement of the two-existing plate and frame sludge presses and the lime, ferric chloride, and polymer feed equipment with new polymer feed equipment, two new rotary filter sludge presses, post-lime feed equipment, and new motor control centers.

Sewage Treatment Facility:		
Annual Average Flow:	10.0	MGD
Design Hydraulic Capacity:	10.0	MGD
Design Organic Capacity:	12,750	lb/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **Amendments:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated 11/22/2016 and its supporting documentation and addendums dated 3/17/2017 and 3/27/2017, which are hereby made a part of this amendment.

   Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. 1074404 dated 1/07/1977 shall remain in effect.

2. Permit Conditions Relating to Sewerage are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.
4.

PERMIT ISSUED: JUL 25 2017

BY: John A. Holden

TITLE: John A. Holden, P.E.
Clean Water Program Manager
Northwest Regional Office

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Check boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☐ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☐ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☒ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☒ 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.

☒ 7. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 8. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 9. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☐ 10. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☒ 11. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0026697** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☐ 12. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.

☒ 13. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.

☒ 14. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☐ 15. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☐ 16. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☒ 17. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☐ 18. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☐ 19. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☐ 20. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 21. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 22. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☒ 23. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.

☐ 24. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☐ 25. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☐ 26. All connections to the approved sanitary sewers must be in accordance with the official Act 537 Plan and, if applicable, a corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☒ 27. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

3800-PM-WSFR0179a 9/2005
Post Construction Certification

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION

PERMITTEE IDENTIFIER	
Permittee	Butler Area Sewer Authority
Municipality	Butler Township
County	Butler
WQM Permit No.	1074404 A-1
Facility Type	Sewage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engineer's Seal

Professional Engineer
Name _____ (Please Print or Type)
Signature
Date
License Expiration Date
Firm or Agency
Telephone
Permittee or Authorized Representative
Name _____ (Please Print or Type)
Signature
Title
Telephone

PERMIT 1080405A-1

REPLACEMENT OF ROCK LICK PUMP STATION

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

September 9, 2019

John Schon
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

Re: WQM Permit - Sewage
Butler Area STP
Permit No. 1080405 A-1
Authorization ID No. 1275071
Butler Township, Butler County

Dear John Schon:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Enclosed is the "Water Quality Management Post Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities. You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to DEP within 30 days of completion of the project and must be received by DEP prior to commencing operation of the facilities.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at http://ehb.courtapps.com or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

During construction or upon completing construction, please contact Bruce Leidy at 724.656.3186 or bleidy@pa.gov so that an inspection of the facilities may be conducted, at the DEP's discretion.

Sincerely,

John A. Holden, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: Rachel Carroll, Hatch Associates Consultants, Inc.
Theresa Giesler, Butler Township Secretary
Monitoring and Compliance
Act 537 Planning
File

3850-PM-BCW0015d 3/2016
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

PERMIT NO. 1080405
AMENDMENT NO. 1
APS ID. 994302
AUTH. ID. 1275071

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: 78363 **Butler Area Sewer Authority** **100 Litman Road** **Butler, PA 16001**	B. PROJECT/FACILITY (Name): **Butler Area STP**
C. LOCATION (Municipality, County): **Butler Township, Butler County**	SITE ID#: **262833**

D. This permit amendment approves the modification and operation of sewage facilities consisting of:
The construction of a new 1,800 gpm submersible pump station to replace the existing Rock Lick Pump Station.

Pump Stations: Rock Lick PS	Manure Storage:	Annual Average Flow:	1.3	MGD
Design Capacity: 1,800 GPM	Volume: N/A MG	Design Hydraulic Capacity:	1.3	MGD
	Freeboard: N/A inches	Design Organic Capacity:	-	lbs/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **Amendments:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated May 14, 2019, and its supporting documentation and addendums dated N/A, which are hereby made a part of this amendment.

   Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. 1080405 dated July 1, 1980, shall remain in effect.
2. Permit Conditions Relating to Sewerage are attached and made part of this permit.
3. Special Conditions N/A are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: SEP 09 2019

BY: John A. Holden, P.E.
TITLE: Clean Water Program Manager
Northwest Regional Office

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Check boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☒ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☒ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☒ 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.

☒ 7. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 8. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 9. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 10. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☒ 11. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in the NPDES Permit and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☒ 12. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.

☒ 13. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.

☒ 14. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using the "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 15. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 16. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☒ 17. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☐ 18. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☐ 19. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 20. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 21. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 22. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☒ 23. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.

☐ 24. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 25. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☒ 26. All connections to the approved sanitary sewers must be in accordance with the official Act 537 Plan and, if applicable, a corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☒ 27. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

3800-PM-WSFR0179a 9/2005
Post Construction Certification

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION

PERMITTEE IDENTIFIER	
Permittee	Butler Area Sewer Authority
Municipality	Butler Township
County	Butler County
WQM Permit No.	1080405 A-1
Facility Type	Sewage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engineer's Seal

Professional Engineer

Name _____
(Please Print or Type)

Signature

Date

License Expiration Date

Firm or Agency

Telephone

Permittee or Authorized Representative

Name _____
(Please Print or Type)

Signature

Title

Telephone

PERMIT 1022414

ALAMEDA PARK SEWER IMPROVEMENT PROJECT

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

December 1, 2022

Duane McKee (dmckee@basapa.org)
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

Re: WQM Permit - Sewage
Butler Area STP
Permit No. 1022414 A-2
Authorization ID No. 1409706
Butler Township, Butler County

Dear Duane McKee:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Enclosed is the "Water Quality Management Post Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities. You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to DEP within 30 days of completion of the project and must be received by DEP prior to commencing operation of the facilities.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay

3850-PM-BCW0015d 3/2016
Permit

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

PERMIT NO. 1022414

AMENDMENT NO. 2

APS ID. 1070936

AUTH. ID. 1409706

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): CLIENT ID#: **78363** **Butler Area Sewer Authority** **100 Litman Road** **Butler, PA 16001**	B. PROJECT/FACILITY (Name): **Butler Area STP**
C. LOCATION (Municipality, County): **Butler Township, Butler County**	SITE ID#: **262833**

D. This permit amendment approves the modification and operation of sewage facilities consisting of:

The upsizing of 2,050 linear feet of existing sanitary sewer from 8 inch to 12 inch diameter pvc pipe, the upsizing 1,150 linear feet of gravity sewer from 12 inch to 15 inch diameter pvc pipe, and the replacement of 350 linear feet of casing pipe under US Route 422.

Work to improve hydraulics in the vicinity of MH 6020 will also be performed.

Pump Stations: **N/A**	Manure Storage:	Sewage Treatment Facility:		
Design Capacity: **N/A** GPM	Volume: **N/A** MG	Annual Average Flow:	**N/A**	MGD
	Freeboard: **N/A** inches	Design Hydraulic Capacity:	**N/A**	MGD
		Design Organic Capacity:	**N/A**	lbs/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **Amendments:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated **August 25, 2022** and its supporting documentation and addendums dated **N/A**, which are hereby made a part of this amendment.

   Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. **1022414 A-1** dated **July 25, 2017** shall remain in effect.

2. Permit Conditions Relating to **Sewerage** are attached and made part of this permit.
3. Special Conditions **N/A** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq*. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED: **December 1, 2022**

BY: **Justin C. Dickey**

Justin C. Dickey, P.E.
TITLE: **Clean Water Program Manager**
Northwest Regional Office

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE

For use in Water Quality Management Permits

(Check boxes that apply)

General

☒ 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.

☒ 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.

☐ 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.

☐ 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.

☒ 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.

☒ 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 5 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the fifth anniversary of the permit date.

☒ 7. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.

☐ 8. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.

☒ 9. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.

☒ 10. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.

☒ 11. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in the NPDES Permit and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

☒ 12. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.

☒ 13. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.

☒ 14. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using the "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.

☒ 15. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.

☒ 16. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

☒ 17. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.

☒ 18. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.

☒ 19. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.

☒ 20. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.

☒ 21. The sewerage facilities shall be properly operated and maintained to perform as designed.

☒ 22. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.

☒ 23. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq*. shall operate the sewage treatment plant.

☒ 24. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.

☒ 25. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

☐ 26. All connections to the approved sanitary sewers must be in accordance with the official Act 537 Plan and, if applicable, a corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.

☒ 27. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

3800-PM-WSFR0179a 9/2005
Post Construction Certification

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION

PERMITTEE IDENTIFIER	
Permittee	Butler Area Sewer Authority
Municipality	Butler Township
County	Butler County
WQM Permit No.	1022414 A-2
Facility Type	Sewage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engineer's Seal

Professional Engineer
Name _____ (Please Print or Type)
Signature
Date
License Expiration Date
Firm or Agency
Telephone
Permittee or Authorized Representative
Name _____ (Please Print or Type)
Signature
Title
Telephone

Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at http://ehb.courtapps.com or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

During construction or upon completing construction, please contact Bruce Leidy at 724.656.3186 or bleidy@pa.gov so that an inspection of the facilities may be conducted, at the DEP's discretion.

Sincerely,

Justin C. Dickey

Justin C. Dickey, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: Sridhar Aluguvelli, Hatch (Sridhar.aluguvelli@hatch.com)
Butler Township, Butler County
Monitoring and Compliance
File