

**Application of Pennsylvania-American Water Company for Acquisition of
the Wastewater Assets of the Borough of Brentwood**

66 Pa. C.S. § 1329

Application Filing Checklist – Water/Wastewater

Docket No. A-2021-3024058

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. Copies of all PADEP permits issued to the Borough of Brentwood and a copy of the NPDES permit for ALCOSAN's regional wastewater treatment plant are provided in **Appendix A-20-b**. PAWC obtained these permits through a microfiche file review at the PADEP Southwest Regional Office on March 21, 2023.

PERMIT NO. PA0025984

ALCOSAN NPDES PERMIT

ISSUED JANUARY 1, 2019



**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED
TREATMENT WORKS (POTWs)**

NPDES PERMIT NO: PA0025984

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Allegheny County Sanitary Authority
(ALCOSAN)
3300 Preble Avenue
Pittsburgh, PA 15233**

is authorized to discharge from a facility known as **ALCOSAN Woods Run Wastewater Treatment Plant**, located in the **City of Pittsburgh, Allegheny County**, to the **Ohio River** in Watershed(s) **20-G** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON **JANUARY 1, 2019**

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON **DECEMBER 31, 2023**

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED **December 11, 2018** **ISSUED BY** **/S/**
Christopher Kriley, P.E.
Clean Water Program Manager
Southwest Regional Office

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 40° 28' 34.00", Longitude 80° 2' 44.00", River Mile Index 977.8, Stream Code 32317

Receiving Waters: Ohio River

Type of Effluent: Treated Sewage and Industrial Wastewater

1. The permittee is authorized to discharge during the period from Permit Effective Date through Permit Expiration Date.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Recorded
pH (S.U.)	XXX	XXX	6.0 Inst. Min	XXX	XXX	9.0	1/shift	Grab
Dissolved Oxygen	XXX	XXX	5.0 Inst. Min	5.5 Weekly Ave	XXX	XXX	1/shift	Grab
Total Residual Chlorine	XXX	XXX	XXX	0.5	XXX	1.6	1/shift	Grab
CBOD5 May 1 - Oct 31	41,700	62,550	XXX	20	30 Wkly Avg	40	1/day	24-Hr Composite
CBOD5 Nov 1 - Apr 30	52,125	78,187	XXX	25	37.5 Wkly Avg	50	1/day	24-Hr Composite
BOD5 Raw Sewage Influent	Report	Report Daily Max	XXX	Report	Report	XXX	1/day	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	Report Daily Max	XXX	Report	Report	XXX	1/day	24-Hr Composite
Total Suspended Solids	62,550	93,825	XXX	30	45 Wkly Avg	60	1/day	24-Hr Composite
Ammonia-Nitrogen Jun 1 - Oct 31	18,765	28,147	XXX	9.0	13.5 Wkly Avg	18.0	1/day	24-Hr Composite
Ammonia-Nitrogen Nov 1 - May 31	52,125	78,187	XXX	25	37.5 Wkly Avg	50	1/day	24-Hr Composite

Outfall 001, Continued (from Permit Effective Date through Permit Expiration Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Fecal Coliform (No./100 ml) Apr 1 - Oct 31	XXX	XXX	XXX	200 Geo Mean	XXX	400 ⁽³⁾	1/day	Grab
Fecal Coliform (No./100 ml) Nov 1 - Mar 31	XXX	XXX	XXX	2,000 Geo Mean	XXX	XXX	1/day	Grab
Nitrate-Nitrite as N	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	24-Hr Composite
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	24-Hr Composite
Total Kjeldahl Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	24-Hr Composite
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	24-Hr Composite
Total Dissolved Solids	Report	Report Daily Max	XXX	Report	Report	XXX	1/week	24-Hr Composite
Chloride	XXX	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite
Bromide	XXX	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite
Sulfate	XXX	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite
1,4-Dioxane	XXX	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at Outfall 001

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

I. B IDENTIFICATION OF COMBINED SEWER OVERFLOW DISCHARGES

The outfalls identified below serve as combined sewer overflows necessitated by storm water entering the sewer system and exceeding the hydraulic capacity of the sewers and/or the treatment plant and are permitted to discharge only for this reason. Dry weather discharges from these outfalls are prohibited. Each discharge shall be monitored for cause, frequency, duration, and quantity of flow. The data must be recorded on the CSO Supplemental Reports (3800-FM-BPNPSM0441 and 0442) and shall be reported monthly as an attachment to the Discharge Monitoring Report (DMR) or as otherwise authorized in the permit.

Outfall	Local Outfall #	Name	Receiving Stream	Latitude/Longitude
005	M-59	11 th Street 54" sewer overflow (M59) (Braddock Borough)	Monongahela River	40° 23' 41" / 79° 51' 48"
006	C-03A	54" sewer overflow (C-03A). Approximately 450 ft. upstream of West Carson Street (McKees Rocks)	Chartiers Creek	40° 27' 52" / 80° 03' 15"
007	108HC13A	24" sewer overflow (C-13A) Scully Railroad Yard (COP)	Chartiers Creek	40° 27' 34" / 80° 05' 19"
S-01A		Woodruff Street Interceptor Relief Overflow (COP)	Saw Mill Run	40° 25' 33" / 80° 01' 15"
S-02A	006NS42B	McKnight Street Interceptor Relief Overflow (COP)	Saw Mill Run	40° 26' 04" / 80° 01' 54"
S-03A		Main Street Interceptor Relief Overflow (COP)	Saw Mill Run	40° 26' 31" / 80° 01' 54"
S-18	095NS18	Maytide Street (COP)	Saw Mill Run	40° 23' 06" / 79° 59' 44"
S-23	061DS23	Edgebrook Avenue East (COP)	Saw Mill Run	40° 25' 08" / 79° 59' 56"
S-24	061DS24	Edgebrook Avenue (COP)	Saw Mill Run	40° 24' 30" / 80° 00' 07"
S-28	034LS28	Intervale at Saw Mill Run (COP)	Saw Mill Run	40° 24' 30" / 80° 00' 14"
S-29	034GS29	Bausman at Saw Mill Run (COP)	Saw Mill Run	40° 24' 40" / 80° 00' 21"
S-30	034BS30	125 Saw Mill Run (COP)	Saw Mill Run	40° 24' 51" / 80° 00' 27"

1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR CSO OUTFALLS LISTED BELOW (CONTINUED):

Outfall	Local Outfall #	Name	Receiving Stream	Latitude/Longitude
S-31	015PS31	Buffington Avenue (COP)	Saw Mill Run	40° 24' 54" / 80° 00' 33"
S-32	015PS32	Warrington at Saw Mill Run (COP)	Saw Mill Run	40° 24' 55" / 80° 00' 43"
S-33	015JS33	Crane at Saw Mill Run (COP)	Saw Mill Run	40° 25' 00" / 80° 00' 55"
S-34	015JS34	Weinman at Saw Mill Run (COP)	Saw Mill Run	40° 25' 07" / 80° 00' 55"
S-35	015ES35	Soffel at Saw Mill Run (COP)	Saw Mill Run	40° 25' 13" / 80° 00' 52"
S-36	016DS36	Spahgrove at Saw Mill Run (COP)	Saw Mill Run	40° 25' 20" / 80° 00' 56"
S-38	005R001	Woodruff Street (COP)	Saw Mill Run	40° 25' 34" / 80° 01' 07"
S-39	005LS39	921 Saw Mill Run (COP)	Saw Mill Run	40° 25' 37" / 80° 01' 19"
S-40	005AS41	Garage at Tunnel (COP)	Saw Mill Run	40° 25' 37" / 80° 01' 37"
S-41	005AS41	Shaler at Wabash (COP)	Saw Mill Run	40° 25' 58" / 80° 01' 47"
S-42A	019M001	Greentree at Woodville (COP)	Saw Mill Run	40° 26' 07" / 80° 01' 03"
S-42	019MS42	Greentree at Woodville (COP)	Saw Mill Run	40° 26' 07" / 80° 01' 03"
S-46	006AS46	Sanctus and Main (COP)	Saw Mill Run	40° 26' 30" / 80° 01' 01"
A-01	008PA01	Barbeau Street (COP)	Allegheny River	40° 26' 34" / 80° 00' 29"
A-02	008RA02	Fancourt Street (COP)	Allegheny River	40° 26' 36" / 80° 00' 25"
A-03	008RA03	Evans Way (COP)	Allegheny River	40° 26' 36" / 80° 00' 21"

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A-04	008RA04	Stanwix Street (COP)	Allegheny River	40° 26' 37" / 80° 00' 18"
A-05	008RA05	Cecil Place (COP)	Allegheny River	40° 26' 38" / 80° 00' 14"
A-06	008RA06	Sixth Street (COP)	Allegheny River	40° 26' 38" / 80° 00' 12"
A-07	008SA07	Barkers Place (COP)	Allegheny River	40° 26' 40" / 80° 00' 07"
A-08	008SA08	Scott Place (COP)	Allegheny River	40° 26' 40" / 80° 00' 06"
A-09	008SA09	Seventh Street (COP)	Allegheny River	40° 26' 41" / 80° 00' 04"
A-10	008SA10	Eighth Street (COP)	Allegheny River	40° 26' 42" / 80° 00' 01"
A-11	009JA11	Ninth Street (COP)	Allegheny River	40° 26' 43" / 79° 59' 57"
A-12	009JA12	Garrison Place (COP)	Allegheny River	40° 26' 44" / 79° 59' 54"
A-13	009JA13	Tenth Street (COP)	Allegheny River	40° 26' 46" / 79° 59' 48"
A-14	009KA14	12 th Street (COP)	Allegheny River	40° 26' 51" / 79° 59' 40"
A-14Z	009JA13A	11 th Street and Smallman Street (COP)	Allegheny River	40° 26' 50" / 79° 59' 43"
A-15	009FA15	Fourteenth Street and River Bank (COP)	Allegheny River	40° 26' 56" / 79° 59' 31"
A-16	009CA16	Seventeenth Street (COP)	Allegheny River	40° 27' 05" / 79° 59' 18"
A-17	024SA17	20th Street (COP)	Allegheny River	40° 27' 10" / 79° 59' 11"
A-18	024MA18	24th Street (COP)	Allegheny River	40° 27' 18" / 79° 58' 59"
A-18X	025JA18A	25th Street and Railroad Street (COP)	Allegheny River	40° 27' 22" / 79° 58' 55"
A-18Y	024SA17B	23rd Street and Railroad Street (COP)	Allegheny River	40° 27' 18" / 79° 59' 01"
A-18Z	024SA17A	22nd Street and Railroad Street (COP)	Allegheny River	40° 27' 16" / 79° 59' 04"

A-19X	025FA19A	28th Street and Railroad Street (COP)	Allegheny River	40° 27' 33" / 79° 58' 39"
A-19Y	025EA19	27th Street and Railroad Street (COP)	Allegheny River	40° 27' 27" / 79° 58' 46"
A-19Z	025JA18B	26th Street and Railroad Street (COP)	Allegheny River	40° 27' 25" / 79° 58' 50"
A-20	025BA20	30th Street (COP)	Allegheny River	40° 27' 39" / 79° 58' 33"
A-20Z	025BA19B	29th Street (COP)	Allegheny River	40° 27' 37" / 79° 58' 34"
A-21	048PA21	31st Street (COP)	Allegheny River	40° 27' 43" / 79° 58' 28"
A-22	048RA22	32nd Street (COP)	Allegheny River	40° 27' 47" / 79° 58' 23"
A-23	048LA23	33rd Street (COP)	Allegheny River	40° 27' 50" / 79° 58' 19"
A-25	048GA25	36th Street (COP)	Allegheny River	40° 28' 00" / 79° 58' 10"
A-26	048DA26	38th Street (COP)	Allegheny River	40° 28' 08" / 79° 58' 02"
A-27	048DA27	40th Street (COP)	Allegheny River	40° 28' 17" / 79° 57' 58"
A-27Z		40th Street	Allegheny River	40° 28' 19" / 79° 57' 59"
A-28	080NA28	43rd Street (COP)	Allegheny River	40° 28' 24" / 79° 57' 53"
A-29	080EA29	48th Street (COP)	Allegheny River	40° 28' 42" / 79° 57' 42"
A-29Z	080BA29A	49th Street (COP)	Allegheny River	40° 28' 47" / 79° 57' 35"
A-30	080BA30	51st Street (COP)	Allegheny River	40° 28' 50" / 79° 57' 34"
A-31	119RA31	52nd Street (COP)	Allegheny River	40° 28' 57" / 79° 57' 27"
A-32	119RA32	McCandless Street (COP)	Allegheny River	40° 29' 01" / 79° 57' 21"

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A-33	119MA33	54th Street (COP)	Allegheny River	40° 29' 05" / 79° 57' 14"
A-34	119MA34	55th Street (COP)	Allegheny River	40° 29' 07" / 79° 57' 09"
A-35	120EA35	57th Street and River Crossing (COP)	Allegheny River	40° 29' 12" / 79° 56' 54"
A-36	120CA36	62nd Street (COP)	Allegheny River	40° 29' 22" / 79° 56' 17"
A-37	120DA37	Voltz Way (COP)	Allegheny River	40° 29' 24" / 79° 56' 09"
A-37Z	120DA37A	120 ft Upstream of A-37 (COP)	Allegheny River	40° 27' 56" / 79° 55' 58"
A-38	121AA38	Gatewood Way (COP)	Allegheny River	40° 29' 24" / 79° 55' 50"
A-40	121CA40	Chislett Street (COP)	Allegheny River	40° 29' 20" / 79° 55' 24"
A-41	121HA41	Heths Avenue (COP)	Allegheny River	40° 29' 16" / 79° 55' 08"
A-42	122EA42	Negley Run (COP)	Allegheny River	40° 28' 56" / 79° 54' 31"
A-47	008LA47	Itasco Street (COP)	Allegheny River	40° 26' 45" / 80° 00' 25"
A-48	008LA48	Dasher Street (COP)	Allegheny River	40° 26' 45" / 80° 00' 21"
A-49	008MA49	Federal Street (COP)	Allegheny River	40° 20' 49" / 80° 00' 14"
A-50	008NA50	Sandusky Street (COP)	Allegheny River	40° 26' 49" / 80° 00' 07"
A-51	008MA51	Anderson Street (COP)	Allegheny River	40° 26' 49" / 80° 00' 03"
A-55	008EA55	Grantham Street (COP)	Allegheny River	40° 26' 52" / 79° 59' 56"
A-56	009EA56	Goodrich Street (COP)	Allegheny River	40° 26' 55" / 79° 59' 52"
A-58	009EA58	Madison Street (COP)	Allegheny River	40° 26' 58" / 79° 59' 43"
A-59	009BA59	Warfield Street (COP)	Allegheny River	40° 27' 03" / 79° 59' 37"

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A-59Z	009BA59A	Chestnut Street and Saw Mill Run Way (COP)	Allegheny River	40° 27' 08" / 79° 59' 30"
A-60	024RA60	Spring Garden Avenue (COP)	Allegheny River	40° 27' 13" / 79° 59' 24"
A-61	024LA61	Pindham Street (COP)	Allegheny River	40° 27' 21" / 79° 59' 01"
A-62	025AA62	McFadden Street (COP)	Allegheny River	40° 27' 36" / 79° 58' 56"
A-63	048NA63	Emma Street (COP)	Allegheny River	40° 27' 48" / 79° 58' 48"
A-64	048NA64	Rialto Street (COP)	Allegheny River	40° 27' 52" / 79° 58' 45"
A-65	048FA65	Heckelman Street (COP)	Allegheny River	40° 28' 03" / 79° 58' 37"
A-67		Girty's Run (Millvale)	Allegheny River	40° 28' 22" / 79° 59' 06"
A-68		Pinecreek (Etna Borough)	Allegheny River	40° 29' 14" / 79° 57' 03"
A-69		5th Street (Sharpsburg)	Allegheny River	40° 29' 34" / 79° 56' 09"
A-70		Davidson Street (Sharpsburg)	Allegheny River	40° 29' 34" / 79° 56' 06"
A-71		13th Street (Sharpsburg)	Allegheny River	40° 29' 34" / 79° 55' 48"
A-72		16 th Street (Sharpsburg)	Allegheny River	49° 29' 34" / 79° 55' 29"
A-73		19th Street (Sharpsburg)	Allegheny River	40° 29' 31" / 79° 55' 04"
A-74		22nd Street (Sharpsburg)	Allegheny River	40° 29' 31" / 79° 54' 57"
A-75		Western Avenue (Aspinwall)	Allegheny River	40° 29' 24" / 79° 54' 28"
A-76		Center Avenue (Aspinwall)	Allegheny River	40° 29' 20" / 79° 54' 21"
A-77		Eastern Avenue (Aspinwall)	Allegheny River	40° 29' 20" / 79° 54' 14"
A-78		Brilliant Avenue (COP)	Allegheny River	40° 29' 16" / 79° 54' 03"
O-01		Cole Avenue & Island Avenue (Stowe Township)	Ohio River	40° 29' 20" / 80° 04' 47"

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O-02		Davis Alley (Stowe Twp.)	Ohio River	40° 29' 09" / 80° 04' 15"
O-03		Orr Street (Stowe Twp.)	Ohio River	40° 29' 09" / 80° 04' 15"
O-04		1000 ft D/S from River Crossing (Stowe)	Ohio River	40° 29' 13" / 80° 03' 57"
O-05		At River Crossing (Stowe)	Ohio River	40° 29' 05" / 80° 03' 46"
O-05A		D/S of Orchard Street (Stowe)	Ohio River	40° 29' 05" / 80° 03' 39"
O-05B		U/S of Orchard Street (Stowe Twp.)	Ohio River	40° 29' 02" / 80° 03' 39"
O-06		Shingiss Street (McKees Rocks)	Ohio River	40° 28' 15" / 80° 03' 07"
O-08	043SO08	Tabor Street, Outlet U-2 (COP)	Ohio River	40° 27' 46" / 80° 03' 05"
O-13		Corliss Avenue (COP)	Ohio River	40° 27' 14" / 80° 02' 23"
O-14E	007PO14A	West Carson St. Eastside Outfall (COP)	Ohio River	40° 26' 38" / 80° 01' 37"
O-14W	007PO14	West Carson St. Westside Outfall (COP)	Ohio River	40° 26' 38" / 80° 01' 37"
O-14Z	007PO14B	Steuben St. and Saw Mill Run Blvd. (COP)	Saw Mill Run	40° 26' 38" / 80° 01' 37"
O-25		Jacks Run (COP)	Ohio River	40° 29' 02" / 80° 03' 03"
O-26	075AO26	Verner Avenue (COP)	Ohio River	40° 28' 46" / 80° 02' 49"
O-27	044BO27	Westhall Street (COP)	Ohio River	40° 28' 19" / 80° 02' 36"
O-29	044RO29	Superior Street (COP)	Ohio River	40° 28' 47" / 80° 02' 14"
O-30	021DO30	Island Avenue (COP)	Ohio River	40° 27' 40" / 80° 02' 09"
O-31	021HO31	Seymour Street (COP)	Ohio River	40° 27' 33" / 80° 02' 06"
O-32	021HO32	Branchport Street (COP)	Ohio River	40° 27' 30" / 80° 02' 05"

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O-33	021MO33	Adams Street (COP)	Ohio River	40° 27' 26" / 80° 02' 04"
O-34	021MO34	Columbus Street (COP)	Ohio River	40° 27' 22" / 80° 02' 04"
O-35	021SO35	Franklin Street (COP)	Ohio River	40° 27' 15" / 80° 02' 03"
O-36	021SO36	Liverpool Street (COP)	Ohio River	40° 27' 12" / 80° 02' 01"
O-37	007AO37	Pennsylvania Avenue (COP)	Ohio River	40° 27' 07" / 80° 01' 58"
O-38	007AO38	North Avenue (COP)	Ohio River	40° 27' 03" / 80° 01' 55"
O-39	007EO39	Western Avenue (COP)	Ohio River	40° 26' 56" / 80° 01' 48"
O-40	007KO40	Chateau Street (COP)	Ohio River	40° 26' 52" / 80° 01' 37"
O-41	007KO41	Belmont Street (COP)	Ohio River	40° 26' 26" / 80° 01' 30"
O-43	007MO43	Walker Street (COP)	Ohio River	40° 26' 45" / 80° 01' 08"
M-01	001FM01	Short Street (COP)	Monongahela River	40° 26' 20" / 80° 00' 28"
M-02	001LM02	Stanwix Street (COP)	Monongahela River	40° 26' 16" / 80° 00' 21"
M-03	001MM03	Wood Street (COP)	Monongahela River	40° 26' 13" / 80° 00' 10"
M-04	001SM04	Grant Street (COP)	Monongahela River	40° 26' 06" / 80° 00' 00"
M-04Z		Cherry Way and Westbound Roadway	Monongahela River	40° 26' 06" / 80° 00' 03"
M-05	002NM05	Try Street (COP)	Monongahela River	40° 26' 03" / 79° 59' 58"
M-06	003AM06	S. First Street (COP)	Monongahela River	40° 25' 52" / 80° 00' 00"
M-07	003BM07	S. Fourth Street (COP)	Monongahela River	40° 25' 51" / 79° 59' 44"
M-08	003BM08	S. Sixth Street (COP)	Monongahela River	40° 25' 51" / 79° 59' 38"

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M-10	003CM10	S. Eighth. Street (COP)	Monongahela River	40° 25' 52" / 79° 59' 29"
M-11	003CM11	S. Tenth Street (COP)	Monongahela River	40° 25' 52" / 79° 59' 20"
M-12	003DM12	S. 13th Street COP)	Monongahela River	40° 25' 54" / 79° 59' 08"
M-12Z	003CM11A	S. 11th Street (COP)	Monongahela River	40° 25' 54" / 79° 59' 17"
M-13	003DM13	S. 15th Street (COP)	Monongahela River	40° 25' 55" / 79° 59' 01"
M-14	012AM14	S. 17th Street (COP)	Monongahela River	40° 25' 55" / 79° 58' 55"
M-15	012AM15	S. 19th Street (COP)	Monongahela River	40° 25' 56" / 79° 58' 44"
M-15Z	012AM14A	S. 18th Street (COP)	Monongahela River	40° 25' 56" / 79° 58' 50"
M-16	012BM16	S. 20th Street (COP)	Monongahela River	40° 25' 56" / 79° 58' 38"
M-17	012BM17	S. 21st Street (COP)	Monongahela River	40° 25' 56" / 79° 58' 34"
M-18	012CM18	S. 22nd Street (COP)	Monongahela River	40° 25' 55" / 79° 58' 28"
M-19	011RM19	Brady Street and River Crossing (COP)	Monongahela River	40° 26' 03" / 79° 58' 23"
M-19A	029FM19A	Bates Street (COP)	Monongahela River	40° 25' 49" / 79° 57' 41"
M-19B	011SM19B	2nd Avenue and Maurice (COP)	Monongahela River	40° 26' 00" / 79° 58' 07"
M-20	012CM20	S. 23 rd Street (COP)	Monongahela River	40° 25' 55" / 79° 58' 22"
M-21	012CM21	S. 24 th Street (COP)	Monongahela River	40° 25' 51" / 79° 58' 15"
M-22	012DM22	S. 25th Street (COP)	Monongahela River	40° 25' 49" / 79° 58' 07"
M-23	012HM23	S. 26th Street (COP)	Monongahela River	40° 25' 48" / 79° 58' 02"
M-24	029KM24	Waterworks Way (COP)	Monongahela River	40° 25' 38" / 79° 57' 43"
M-26	029KM26	S. 30th Street (COP)	Monongahela River	40° 25' 36" / 79° 57' 41"

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M-27	029PM27	S. 33rd Street (COP)	Monongahela River	40° 25' 26" / 79° 57' 30"
M-28	030CM28	S. 34th Street (COP)	Monongahela River	40° 25' 22" / 79° 57' 28"
M-29	029RM29	Four Mile Run (COP)	Monongahela River	40° 25' 28" / 79° 57' 11"
M-31	030MM31	Rutherglen Street (COP)	Monongahela River	40° 25' 08" / 79° 56' 56"
M-31Z	030MM31A	Rutherglen Street (COP)	Monongahela River	40° 25' 08" / 79° 56' 56"
M-33	031GM34	Longworth Street (COP)	Monongahela River	40° 24' 40" / 79° 57' 17"
M-34	031HM33	Beck's Run (COP)	Monongahela River	40° 24' 40" / 79° 57' 05"
M-35	031HM35	Hazelwood Avenue (COP)	Monongahela River	40° 24' 34" / 79° 57' 04"
M-36	031MM36	Tecumseh Street (COP)	Monongahela River	40° 24' 25" / 79° 57' 02"
M-37		Melancthon Street Ejector Station (COP)	Monongahela River	40° 24' 14" / 79° 56' 56"
M-38	057KM38	Vespucius Street (COP)	Monongahela River	40° 23' 56" / 79° 56' 36"
M-39	057KM39	Renova Street (COP)	Monongahela River	40° 23' 54" / 79° 56' 30"
M-40	057MM40	Alluvian Street (COP)	Monongahela River	40° 23' 55" / 79° 56' 11"
M-42	091AM42	Streets Run (COP)	Monongahela River	40° 23' 34" / 79° 55' 58"
M-43		Mesta Street (West Homestead Borough)	Monongahela River	40° 23' 59" / 79° 55' 26"
M-44		West Run (West Homestead Borough)	Monongahela River	40° 24' 18" / 79° 55' 15"
M-45		Homestead (Homestead Borough)	Monongahela River	40° 24' 32" / 79° 55' 01"
M-47	129NM47	Nine Mile Run (COP)	Monongahela River	40° 24' 57" / 79° 54' 57"
M-48		Swissvale (Swissvale Borough)	Monongahela River	40° 25' 01" / 79° 53' 41"

M-49		Whitaker Run (Munhall Borough)	Monongahela River	40° 24' 35" / 79° 53' 34"
M-50		Rankin-Swissvale (Rankin Borough)	Monongahela River	40° 24' 50" / 79° 53' 13"
M-51		Rankin-Braddock (Braddock Borough)	Monongahela River	40° 24' 21" / 79° 52' 37"
M-52	B-1	Second Street (Braddock Borough)	Monongahela River	40° 24' 14" / 79° 52' 33"
M-53	B-2	Fourth Street (Braddock Borough)	Monongahela River	40° 24' 10" / 79° 52' 26"
M-54	B-3	Fifth Street (Braddock Borough)	Monongahela River	40° 24' 07" / 79° 52' 22"
M-55	B-4	Sixth Street (Braddock Borough)	Monongahela River	40° 24' 03" / 79° 52' 15"
M-56	B-5	Seventh Street (Braddock Borough)	Monongahela River	40° 23' 59" / 79° 52' 12"
M-57	B-6	Eighth Street (Braddock Borough)	Monongahela River	40° 23' 56" / 79° 52' 12"
M-58	B-7	Ninth Street (Braddock Borough)	Monongahela River	40° 23' 49" / 79° 52' 04"
M-60		Eleventh Street (Braddock Borough)	Monongahela River	40° 23' 42" / 79° 52' 01"
M-61		Thirteenth Street (N. Braddock Borough)	Monongahela River	40° 23' 38" / 79° 51' 46"
C-03	043RC03	Sloan Way (COP)	Chartiers Creek	40° 27' 42" / 80° 03' 14"
C-04		McKees Rock Redevelopment (McKees Rocks)	Chartiers Creek	40° 27' 54" / 80° 03' 04"
C-05	043RC05	Stafford Street at Elliot Warehouse (COP)	Chartiers Creek	40° 27' 43" / 80° 03' 22"
C-05A	043RC05A	Stafford Street (COP)	Chartiers Creek	40° 27' 46" / 80° 03' 25"
C-06		Linden Street (McKees Rocks)	Chartiers Creek	40° 27' 50" / 80° 03' 28"
C-07	043PC07	Ohio Conn. Ry Culvert (COP)	Chartiers Creek	40° 27' 42" / 80° 03' 39"
C-08		Left Bank Rear Singer Ice Co. (McKees Rocks)	Chartiers Creek	40° 27' 51" / 80° 03' 37"

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C-09		Federal Enameling & Stamping (McKees Rocks)	Chartiers Creek	40° 27' 50" / 80° 03' 39"
C-10		Fort Pitt Malleable Co. (McKees Rocks Borough)	Chartiers Creek	40° 27' 39" / 80° 11' 40"
C-11	071CC11	10 ft Arch Culvert (COP)	Chartiers Creek	40° 27' 37" / 80° 04' 13"
C-12	071CC12	Railroad Yard (COP)	Chartiers Creek	40° 27' 40" / 80° 04' 23"
C-13		L.B. Under PC&Y RR Bridge (McKees Rocks)	Chartiers Creek	40° 27' 46" / 80° 04' 26"
C-15	107SC15	Broadhead Fording Road (COP)	Chartiers Creek	40° 26' 40" / 80° 05' 09"
C-19	069EC19	State Hwy. Bridge (COP)	Chartiers Creek	40° 26' 23" / 80° 04' 55"
C-20	069EC19	Roswell Drive (Crafton)	Chartiers Creek	40° 26' 23" / 80° 04' 51"
C-22	C-22	Crafton Borough Sewer (Crafton)	Chartiers Creek	40° 26' 09" / 80° 04' 30"
C-23	C-23	RB 1550 ft UpstreamCrafton Sewer (Crafton)	Chartiers Creek	40° 25' 55" / 80° 04' 30"
C-24	104HC24 & 104HC25	PCC & St. L. RR Bridge (COP), serves C-24 & C-25 Structures	Chartiers Creek	40° 25' 15" / 80° 04' 58"
C-26A	067FC26A	Idlewild Road (COP)	Chartiers Creek	40° 25' 14" / 80° 04' 30"
C-27	067FC27	Pringle Way (COP)	Chartiers Creek	40° 25' 07" / 80° 04' 31"
C-28	067KC28	Moffat Way (COP)	Chartiers Creek	40° 25' 04" / 80° 04' 32"
C-29	067KC29	Woodkirk Street (COP)	Chartiers Creek	40° 25' 01" / 80° 04' 35"
C-30		Whiskey Run Sewer (COP)	Chartiers Creek	40° 24' 57" / 80° 04' 40"
C-31		PA Parkway Bridge (Scott)	Chartiers Creek	40° 24' 43" / 80° 04' 47"
C-34		Elm Street (Carnegie)	Chartiers Creek	40° 24' 43" / 80° 04' 58"
C-34A		Carnegie CSO (Carnegie)	Chartiers Creek	40° 24' 43.7 / 80° 04' 57.7"

C-35	Chestnut Street Bridge (Carnegie)	Chartiers Creek	40° 24' 39" / 80° 05' 02"
C-36	Walnut Street (Carnegie)	Chartiers Creek	40° 24' 35" / 80° 05' 09"
C-37	Broadway Street (Carnegie)	Chartiers Creek	40° 24' 35" / 80° 05' 16"
C-38	Pine Street (Carnegie)	Chartiers Creek	40° 24' 35" / 80° 05' 16"
C-38A	Campbells Run (Carnegie)	Chartiers Creek	40° 24' 25" / 80° 05' 20"
C-38B	Barrett Way (Carnegie)	Chartiers Creek	40.40609 / 80.08825
C-39	Third Avenue (Carnegie)	Chartiers Creek	40° 24' 21" / 80° 05' 16"
C-41	PCC & St. L. Ry. Bridge (Carnegie)	Chartiers Creek	40° 24' 10" / 80° 05' 13"
C-43	Carothers Street Bridge (Carnegie)	Chartiers Creek	40° 24' 07" / 80° 05' 20"
C-44	Fourth Street (Carnegie)	Chartiers Creek	40° 24' 07" / 80° 05' 20"
C-51	Right Bank at Sipes Paint Co. (Scott Twp.)	Chartiers Creek	40° 22' 32" / 80° 05' 49"
T-01	Docker Hollow (N. Braddock)	Turtle Creek	40° 23' 42" / 79° 50' 49"
T-02	Main Street (East Pittsburgh Borough)	Turtle Creek	40° 23' 34" / 79° 50' 24"
T-03	Braddock Avenue (East Pittsburgh Borough)	Turtle Creek	40° 23' 38" / 79° 50' 13"
T-04	R.B. Turtle Creek 30 East Pitt Sewer (E. Pgh.)	Turtle Creek	40° 23' 45" / 79° 49' 50"
T-07	R.B. D/S Thompson Run (Turtle Creek Boro)	Turtle Creek	40° 24' 10" / 79° 49' 44"
T-10	Grant St. and Turtle Creek (Turtle Creek Boro)	Turtle Creek	40° 24' 14" / 79° 49' 37"
T-11	Penn Avenue Highway Bridge (Turtle Creek Boro)	Brush Creek	40° 24' 10" / 79° 49' 30"
T-12	Eleventh Street (Turtle Creek Borough)	Brush Creek	40° 24' 10" / 79° 49' 26"

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T-13	Ninth Street (Turtle Creek Borough)	Brush Creek	40° 24' 07" / 79° 49' 22"
T-14	Line Alley (Turtle Creek Borough)	Brush Creek	40° 24' 03" / 79° 49' 11"
T-15	4 th Street & Airbrake Avenue (Wilmerding)	Turtle Creek	40° 23' 04" / 79° 46' 51"
T-16	L.B. Turtle Creek 50' Below R.R. Bridge (N. Versailles)	Turtle Creek	40° 23' 56" / 79° 49' 04"
T-16A	Third Street (Wilmerding Borough)	Turtle Creek	40° 23' 56" / 79° 49' 01"
T-17	Second Street (Wilmerding Borough)	Turtle Creek	40° 23' 56" / 79° 48' 57"
T-19	Right Bank Under Viaduct (Wilmerding Borough)	Turtle Creek	40° 23' 45" / 79° 48' 39"
T-21	RB Turtle Creek (Wilmerding Borough)	Turtle Creek	40° 23' 45" / 79° 48' 28"
T-22	L.B. Turtle Creek D/S Miller St. (Wilmerding Boro)	Turtle Creek	40° 23' 42" / 79° 48' 25"
T-23	Miller St. & Turtle Creek (Wilmerding Boro)	Turtle Creek	40° 23' 42" / 79° 48' 25"
T-24	Patton St. (Wilmerding Borough)	Turtle Creek	40° 23' 42" / 79° 48' 18"
T-26	D/S Bridge to Pitcairn RR Yards (Pitcairn Borough)	Turtle Creek	40° 24' 03" / 79° 46' 55"
TR-01	Turtle Creek Pump Station (Turtle Creek)	Thompson Run	40° 24' 18" / 79° 49' 40"
TR-02	Church Street (Turtle Creek Borough)	Thompson Run	40° 24' 43" / 79° 49' 30"

Monitoring in compliance with the requirements specified above shall be performed for each combined sewer overflow.

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS
(Continued)**Additional Requirements

1. The permittee may not discharge:
 - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code 92a.41(c))
 - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code 92a.47(a)(7) and 95.2(2))
 - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code 93.6(a))
 - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))
2. The monthly average percent removal of BOD₅ or CBOD₅ and TSS must be at least 85% for POTW facilities on a concentration basis except where 25 Pa. Code 92a.47(g) and (h) are applicable to facilities with combined sewer overflows (CSOs) or as otherwise specified in this permit. (25 Pa. Code 92a.47(a)(3))
3. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
4. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BPNPSM0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.
- (3) Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration of fecal coliform organisms not greater than 400/100ml in more than 10 percent of the samples

Supplemental Information

- (1) The hydraulic design capacity of 250 million gallons per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to help determine whether a "hydraulic overload" situation exists, as defined in Title 25 Pa. Code Chapter 94.
- (2) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 250 MGD.

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- (3) The organic design capacity of 287,010 lbs BOD₅ per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to determine whether an “organic overload” condition exists, as defined in 25 Pa. Code Chapter 94.
- (4) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended (33 U.S.C.A. §§1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code 92a.2 and 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Indirect Discharger means a non-domestic discharger introducing pollutants to a Publicly Owned Treatment Works (POTW) or other treatment works. (25 Pa. Code 92a.2 and 40 CFR 122.2)

Industrial User means a source of Indirect Discharge. (40 CFR 403.3)

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code 92a.2)

Municipality means a city, town, borough, county, township, school district, institution, authority or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. (25 Pa. Code 92a.2)

Municipal Waste Garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code 271.1)

Publicly Owned Treatment Works (POTW) means a treatment works as defined by §212 of the Clean Water Act, owned by a state or municipality. The term includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. The term also includes sewers, pipes or other conveyances if they convey wastewater to a POTW providing treatment. The term also means the municipality as defined in section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. (25 Pa Code 92a.2 and 40 CFR 122.2)

Residual Waste Garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code 287.1)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) – (ix) and (xi) and 25 Pa. Code 92a.2.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code 92a.2)

Weekly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

III. SELF-MONITORING, REPORTING AND RECORDKEEPING**A. Representative Sampling**

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48 and 25 Pa. Code § 92a.61)
2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application, unless a longer retention period is required by the permit. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures (40 CFR 122.41(j)(4))

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))
2. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see www.dep.pa.gov/edmr). Permittees that are not using the eDMR system as of the effective date of this permit shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
3. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:
 - a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.
 - b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).
4. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BPNPSM0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods and must be received by DEP in accordance with the following schedule:
 - Monthly DMRs must be received within 28 days following the end of each calendar month.
 - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
 - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
 - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
5. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BPNPSM0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))

6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:
- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
 - For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR § 122.22(b))

6. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

C. Reporting and Notification Requirements

1. Planned Changes to Physical Facilities – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR §122.29(b). (40 CFR 122.41(l)(1)(i))
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
 - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code 92a.24(a) and 40 CFR 122.42(b), the permittee shall provide notice to DEP and EPA as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the “Planned Changes to Waste Stream” Supplemental Report (3800-FM-BPNPSM0482), available on DEP’s website. The permittee shall provide information on the quality and quantity of waste introduced into the POTW, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW (40 CFR 122.42(b)(3)). The Report shall be sent via Certified Mail or other means to confirm DEP’s receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.
- a. Introduction of New Pollutants (25 Pa. Code 92a.24(a), 40 CFR 122.42(b)(1))

New pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Any pollutants that were not detected in the facilities' influent waste stream as reported in the permit application; and have not been approved to be included in the permittee's influent waste stream by DEP in writing.
- (ii) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants (40 CFR 122.42(b)(1)).

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code 92a.24(a), 40 CFR 122.42(b)(2))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or have been previously approved to be included in the permittee's influent waste stream by DEP in writing.
- (ii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP and/or EPA, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the POTW, or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations, may not result in a hydraulic or organic overload condition as defined in 25 Pa. Code 94.1, and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BPNPSM0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.

- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.
- (5) The name and address of the generator of the residual wastes.
- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) The following conditions apply to the characterization of residual wastes received by the permittee:
 - (1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.
 - (2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BPNPSM0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The BOD₅ concentration (mg/l) and load (lbs) for the wastes received.
- (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes. The influent BOD₅ characterization for the treatment facility, as reported in the annual Municipal Wasteload Management Report per 25 Pa. Code Chapter 94, must be representative of the hauled-in municipal wastes received.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code Sections 91.33 and 92a.41(b).
 - (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.
 - (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
 - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
 - (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph (40 CFR 122.41(l)(6)(ii)):
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement.
 - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BPNPSM0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with 25 Pa. Code 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. The permittee shall provide the following information in the annual Municipal Wasteload Management Report, required under the provisions of Title 25 Pa. Code Chapter 94:
 - a. The requirements identified in 25 Pa. Code 94.12.
 - b. The identity of any indirect discharger(s) served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimated concentration of each pollutant discharged into the POTW by the indirect discharger.
 - c. A "Solids Management Inventory" if specified in Part C of this permit.
 - d. The total volume of hauled-in residual and municipal wastes received during the year, by source.

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- e. The Annual Report requirements for permittees required to implement an industrial pretreatment program listed in Part C, as applicable.

D. General Pretreatment Requirements

1. Any POTW (or combination of POTWs operated by the same authority) with a total design flow greater than 5 million gallons per day (MGD) and receiving from industrial users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards will be required to establish a POTW Pretreatment Program unless specifically exempted by the Approval Authority. A POTW with a design flow of 5 MGD or less may be required to develop a POTW Pretreatment Program if the Approval Authority finds that the nature or volume of the industrial influent, treatment process upsets, violations of effluent limitations, contamination of sludge, or other circumstances warrant in order to prevent interference or pass through. (40 CFR 403.8)
2. Each POTW with an approved Pretreatment Program pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b) and shall continue to develop these limits as necessary and effectively enforce such limits. This condition applies, for example, when there are planned changes to the waste stream as identified in Part A III.C.2. If the permittee is required to develop or continue implementation of a Pretreatment Program, detailed requirements will be contained in Part C of this permit.
3. For all POTWs, where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure renewed or continued compliance with this permit or sludge use or disposal practices. Where POTWs do not have an approved Pretreatment Program, the permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited, and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))

- b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
- c. The permittee submitted the necessary notice required in paragraph G.4 below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in paragraph G.2 above. (40 CFR 122.41(m)(4)(ii))
4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
 - b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR §122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in *18 Pa.C.S.A § 4904* and 40 CFR §122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. 40 CFR 122.41(c)

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR §122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
 - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
 - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))
 - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits

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has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code 92a.51 (relating to schedules of compliance) and other appropriate Department regulations. (25 Pa. Code 92a.71)

3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code 92a.62)

Small Flow Treatment Facility (SRSTP and SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category: **Major Sewage Facility with CSO**.

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. If an invoice is not received the permittee is nonetheless responsible for payment. Throughout a five-year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Point and Non-Point Source Management
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

PART C**I. OTHER REQUIREMENTS**

- A. 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 or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- B. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- C. The permittee shall optimize chlorine dosages used for disinfection or other purposes to minimize the concentration of Total Residual Chlorine (TRC) in the effluent, meet applicable effluent limitations, and reduce the possibility of adversely affecting the receiving waters. Optimization efforts may include an evaluation of wastewater characteristics, mixing characteristics, and contact times, adjustments to process controls, and maintenance of the disinfection facilities. If DEP determines that effluent TRC is causing adverse water quality impacts, DEP may reopen this permit to apply new or more stringent effluent limitations and/or require implementation of control measures or operational practices to eliminate such impacts.

Where the permittee does not use chlorine for primary or backup disinfection but proposes the use of chlorine for cleaning or other purposes, the permittee shall notify DEP prior to initiating use of chlorine and monitor TRC concentrations in the effluent on each day in which chlorine is used. The results shall be submitted as an attachment to the DMR.

- D. In accordance with ORSANCO's Pollution Control Standards, the permittee shall post and maintain a permanent marker at the establishment under permit as follows:
1. A marker shall be posted on the stream bank at each and every outfall discharging directly to the Ohio River
 2. The marker shall consist of, at a minimum, the name of the establishment to which the permit was issued, the permit number, and the outfall number. The information shall be printed in letters not less than two inches in height.
 3. The marker shall be a minimum of two feet by two feet and shall be a minimum of three feet above ground level.
- E. The permittee shall not accept hauled-in wastes at the treatment facility under the following conditions, unless otherwise approved by DEP in writing:
- When acceptance of hauled-in wastes would cause a hydraulic or organic overload as defined in Chapter 94.1 of the DEP's regulations.
 - When the treatment facility is considered to be in an existing hydraulic or organic overload condition, as determined by the permittee or DEP, as defined in Chapter 94.1 of the DEP's regulations.
 - When the hauled-in waste will not receive full treatment

II. COMBINED SEWER OVERFLOWS

A. Management and Control of Combined Sewer Overflows

1. Combined sewer overflows (CSOs) are allowed to discharge only in compliance with this permit when flows in combined sewer systems exceed the design capacity of the conveyance or treatment facilities of the system during or immediately after wet weather periods. Overflows that occur without an accompanying precipitation event or snow-melt are termed “dry weather overflows” and are prohibited. CSOs are point source discharges that must be provided with control measures in accordance with the Federal Clean Water Act and the 1994 National CSO Policy.
2. The point source discharge locations (outfalls) specifically identified in the application submitted by the permittee serve as known combined sewer overflow locations on the permittee sewer system.

B. Continued Implementation of Technology-Based Nine Minimum Controls

1. Upon issuance of this permit, the permittee shall continue the implementation of the NMCs, demonstrate system wide compliance with the NMCs and submit required monitoring reports and annual reports to the Department with appropriate documentation. The NMCs are listed as follows:

a. NMC 1: Conduct Proper Operation and Maintenance Programs.

- i. At a minimum, following wet weather discharges the permittee shall inspect and maintain all CSO structures, inflow prevention devices, and pump/ejector stations to ensure that they are in good working condition, that any maintenance problems are identified, documented, and appropriate corrective measures are enacted. At a minimum, the permittee shall:
 - Inspect all pump and ejector stations once per week and within 72 hours of a rain event sufficient to cause the wet well to rise above 685 feet NGVD to ensure that they are functioning properly. All pump and ejector stations will be monitored remotely with a Supervisory Control and Data Acquisition (SCADA) system.
 - During dry weather conditions, preventative maintenance activities will be conducted on CSO diversion structures at least twice annually.
 - Within 72 hours after wet weather events, when CSO diversion structures have been active, or the wet well elevation exceeds 685 feet NGVD, conduct wet weather maintenance activities to ensure that the flow regulators are operating correctly, that overflows are identified, that wet-weather induced blockages are identified and safely corrected, that its solids and floatables control devices are maintained, and that inflow prevention devices are protecting the interceptor system from receiving water inflow.
- ii. The permittee shall maintain a current GIS mapping database and expand its GIS map database as new facilities are acquired
- iii. The permittee shall conduct its internal inspection of its collection system under Operations and Maintenance of the Conveyance & Treatment System
- iv. The permittee shall continue to utilize closed circuit television (CCTV) and other best management practices to support sewer system inspection, repair, and rehabilitation activities.
- v. The permittee shall continue to manage its operations and maintenance activities through its automated operation and maintenance (O&M) system that plans, schedules, and documents its field maintenance activities.

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- vi. The permittee shall monitor its inspection findings and increase inspection, and O&M practices on sewage facilities requiring more frequent maintenance.
 - vii. The permittee shall continue to train supervisors on its O&M management system to enhance operational performance and planning.
 - viii. The permittee shall update its O&M protocols and provide additional O&M personnel training as new and re-designed facilities are placed into service
- b. NMC 2: Maximize the use of the Collection System for storage.
- i. The permittee shall continue to operate and maintain a network of flow monitoring instruments to provide data to support system capacity analyses and fulfill Discharge Monitoring Reporting (DMR) requirements.
 - ii. The permittee will inspect regulator structures on a weekly basis and perform any required corrective actions that could limit available capacity.
 - iii. The permittee shall complete maintenance operations on its receiving water inflow prevention devices at a minimum of three times per year.
 - iv. The permittee shall implement best management practices to maximize wet weather flow to the POTW for treatment
- c. NMC 3: Review and Modification of Pretreatment Program Requirements.
- i. The permittee shall continue to maintain an inventory of industrial dischargers to the Regional Collection System.
 - ii. The permittee shall continue to assess the significance of the non-domestic dischargers to the Conveyance and Treatment System.
 - iii. The permittee shall continue to implement a pretreatment program to regulate the discharge of industrial stormwater and wastewater to the Regional Collection System.
 - iv. The permittee shall utilize sewer discharge permit conditions to minimize the presence of non-domestic discharges to the Regional Collection System during wet weather events.
 - v. The permittee shall monitor for fats, oils and grease (FOG) deposition, attempt to locate the source of any excess deposits and utilize its pretreatment program permitting program to minimize FOG discharges.
- d. NMC 4: Maximization of Flow to the POTW for Treatment.
- i. The permittee shall continue to analyze and implement steps to maximize the wet weather flow to the POTW. The permittee will continue to utilize best management practices as it inspects, maintains and rehabilitate its shallow-cut interceptors.

- ii. The permittee will continue to utilize best management practices during inspection, corrective maintenance, and preventative maintenance of its deep tunnel interceptor system and river crossings.
 - iii. The permittee will continue to search for new and innovative technologies for cleaning deep tunnel interceptors.
 - iv. During dry weather periods, the permittee shall conduct regular Conveyance and Treatment System Hydraulic Grade Line (HGL) drawdowns to scour solids deposition and to maintain or improve system storage and conveyance capacity.
 - v. The permittee shall evaluate, maintain and modify its Conveyance and Treatment System regulator structures in accordance with its Regulator Capacity Evaluation and Modification Program.
 - vi. The permittee shall evaluate and adjust its Conveyance and Treatment System components and facilities to increase wet weather flow treatment as additional conveyance, storage or treatment facilities are placed into operation.
- e. NMC 5: Elimination of Combined Sewer Overflow Discharges during dry weather.
- i. The permittee shall continue to conduct once weekly inspections to facilitate servicing of the CSO regulator structures and associated inflow prevention devices and shall maintain these devices as necessary to prevent conditions that result in dry weather discharges from the combined sewer system.
 - ii. The permittee shall continue to perform regular inspections and cleanout of grit accumulations in the permittee's CSO structures.
 - iii. The permittee shall implement its Dry Weather Discharge Elimination Plan to eliminate dry weather flow discharges.
- f. NMC 6: Control of Solid and Floatable Materials.
- i. The permittee will continue to coordinate with municipal NMC 6 activities and at least annually, will report to the Department the following information provided by its combined sewer Customer Municipalities:
 - Catch basin cleaning
 - Street sweeping
 - Community awareness programs
 - Storm Drain Stenciling Program
 - ii. The permittee shall continue to evaluate structural modifications to regulator controls within its Collection System utilizing best industry practices where applicable to control solids and floatables from entering receiving waters.
 - iii. The permittee will continue to operate and maintain existing solids and floatable devices at regulator structures. The permittee will continue to regularly clean and maintain the bar screens upstream of the pump wet wells at each of its wastewater pump stations and ejector station.

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- iv. The permittee will continue to implement its program to track, identify, evaluate and minimize fats, oils and grease (FOG) deposition within the Regional Collection System. Where regular deposition is determined to occur, the permittee will investigate the source and refer the discharger to its pretreatment program staff for remedial action designed to eliminate or minimize FOG discharges.
 - v. The permittee shall identify Fat, Oil and Grease (FOG) deposits within the Conveyance and Treatment System, track FOG deposition in its GIS-based system map and remove deposits as discovered.
 - vi. The permittee will continue to implement its Non- Structural Controls, Joint ALCOSAN & Municipal Non-Structural Controls and its Structural Modifications to Controls to minimize solids and floatables discharges.
- g. NMC 7: Pollution Prevention Program.
- i. The permittee will continue to implement, coordinate, support, and/or assist with the following public and municipal pollution prevention activities:
 - River Sweep – Ohio River Sanitary Commission (ORSANCO) sponsored annual litter collection effort
 - Storm Drain Stenciling Program – storm drain marking to educate about the potential for storm drain contamination and the pollution of local waterways
 - Open House – annual event at the permittee’s facility that includes exhibits about protecting area watersheds, wet weather problems and solutions, litter control, and pollution prevention activities
 - Household Hazardous Waste Collections – bi-annual collection of household hazardous wastes by Southwestern Pennsylvania Household Hazardous Waste Task Force
 - Summer Science Camp – annual summer camp for students in grades 4-8 that includes key messages on the effects of pollution on eco-systems, pollution prevention, storm drain stenciling, and anti-littering.
 - Other Outreach – pollution prevention messages disseminated throughout a variety of yearly outreach events such as the Pittsburgh Boat Show, Three Rivers Regatta, and Allegheny League of Municipalities (ALOM) conference.
 - P² Pollution Prevention program - to reduce pollutant loadings to the Collection System.
- h. NMC 8: Public Notification of Overflow Occurrences and their Impacts
- i. The permittee will continue to notify the public of CSO discharges.
 - Sewer Overflow Advisory Key (SOAK) – web-based program that alerts the public when overflows in the permittee’s system are impacting area waterways.
 - CSO Flag Alerts – orange CSO flags that are raised at designated points along area waterways warning the public of possible combined sewer overflows.

- CSO Outfall Signage – maintain signage at each of the permittee’s combined sewer overflow that provides notice of the potential for combined sewer discharges relative to that structure.
- CSO Email/Text Notification - notifications of sewer overflows and changes in system status via text message and/or email.

i. NMC 9: Monitoring to Characterize CSO impacts and the Efficacy of Controls.

The permittee shall report on the status and effectiveness of each type of the NMCs in the permittee’s annual CSO Status Report. This annual report shall include information about operation and maintenance program implementation as well as results of combined sewer system monitoring and modeling, including CSO discharge frequency and volume.

3. The Department will use the EPA guidance document entitled “Guidance for Nine Minimum Controls” (EPA 832-B-95-003), dated May 1995, and specific comments provided during review of the NMC documentation reports to determine continued compliance with the CSO permit requirements.

C. Implementation of Water Quality-Based Long-Term Control Plan (LTCP)

1. The CSO discharge(s) shall comply with the performance standards of the selected CSO controls and shall comply with the water quality standards found in Chapter 93. When additional CSO-related information and data becomes available to revise water quality-based effluent limitations, the permit should be revised, as appropriate, to reflect the new effluent limitations.
2. The permittee shall implement, inspect, monitor and effectively operate and maintain the CSO controls identified in the LTCP and submit the Annual CSO Status Report referenced in paragraph E.2 below.
3. The LTCP, at a minimum, shall incorporate the following requirements:
 - a. Continued implementation of the nine minimum controls;
 - b. Protection of sensitive areas (recreation areas, public water supply, unique ecological habitat, etc.);
 - c. Characterization, monitoring and modeling of overflows and assessment of water quality impacts;
 - d. Evaluation and selection of control alternative - presumptive or demonstrative approach;
 - e. Public participation in LTCP plan development and implementation;
 - f. Implementation schedule and financing plan for selected control options;
 - g. Maximizing treatment at the existing POTW treatment plant;
 - h. The selected CSO controls should include a post-construction monitoring program plan adequate to verify compliance with water quality standards and protection of designated uses as well as to ascertain the effectiveness of CSO controls. This water quality compliance monitoring program should include a plan to be approved by the Department that details the monitoring protocols to be followed; and,
- i. CSO System Operational Plan.
4. The LTCP should be consistent with the EPA’s guidance document entitled “Guidance for Long Term Control Plan” (EPA 832-B-95-002), dated September 1995. Using a compliance monitoring program, the permittee shall periodically review the effectiveness of the LTCP and propose any changes or revisions to the LTCP to the Department for review and approval before its implementation.

D. CSO Water Quality-Based Effluent Limit

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The permittee shall implement, inspect, monitor and effectively operate and maintain the CSO controls identified in the LTCP to achieve the following performance standards:

- a. The permittee shall eliminate or capture for treatment, or storage and subsequent treatment, not less than 85% percent of the system-wide combined sewage volume collected in the combined sewer system during precipitation events under design conditions.

(or)

- b. The permittee shall eliminate or remove no less than the mass of the pollutants identified as causing water quality impairment through the sewer system characterization, monitoring, and modeling efforts and receiving stream characterization.

E. Monitoring and Reporting Requirements

1. Discharge Monitoring Report (DMR) Supplemental Reports for Combined Sewer Overflows:

The permittee shall record data on CSO discharges in the format specified in DEP's DMR Supplemental Reports for CSOs attached to this permit. The data shall be submitted to the appropriate regional office of the Department within 28 days of the end of the month. For CSOs that are part of a permitted POTW, the DMR Supplemental Reports for CSOs must be submitted with the permittee's regular DMR. Copies of the DMR Supplemental Reports for CSOs must be retained at the Sewage Treatment Plant (STP) site for at least three (3) years.

2. Annual CSO Status Report

On March 31 of each year, an Annual CSO Status Report shall be submitted to the Department with the annual "Municipal Wasteload Management Report" required by 25 Pa. Code Chapter 94, Section 94.12. For a satellite CSO system, a copy of the annual report shall also be provided to the POTW providing treatment for its wastewater. DEP's Annual CSO Status Report template (3800-PM-BPNPSM0076e) shall be used.

a. The Annual CSO Status Report shall:

- (1) Provide a summary of the frequency, duration and volume of the CSO discharges for the past calendar year;
- (2) Provide the operational status of overflow points;
- (3) Provide an identification of known in-stream water quality impacts, their causes, and their effects on downstream water uses;
- (4) Summarize all actions taken to implement the NMCs and the LTCP and their effectiveness; and,
- (5) Evaluate and provide a progress report on implementing and necessary revisions to the NMC and LTCP.

b. Specifically, the following CSO-related information shall be included in the report:

- (1) Rain gauge data - total inches (to the nearest 0.01 inch) that caused each CSO discharge being reported in the supplemental DMR Supplemental Reports for CSOs.
- (2) Inspections and maintenance.
 - Total number of permittee/owner inspections conducted during the period of the report (reported by drainage system).

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- A list of blockages (if any) corrected or other interceptor maintenance performed, including location, date and time discovered, date and time corrected, and any discharges to the stream observed and/or suspected to have occurred.

(3) Dry weather overflows

Dry weather CSO discharges are prohibited. Immediate telephone notification to DEP of such discharge is required in accordance with 25 Pa. Code, Section 91.33. Indicate location, date and time discovered, date and time corrected/ceased, and action(s) taken to prevent their reoccurrence. A plan to correct this condition and schedule to implement the plan must be submitted with the DMR Supplemental Reports for CSOs.

(4) Wet weather overflows

- For all locations that have automatic level monitoring of the regulators, report all exceedances of the overflow level during the period of the report, including location, date, time, and duration of wet weather overflows.
- For all locations at which flows in the interceptors can be controlled by throttling and/or pumping, report all instances when the overflow level was reached or the gates were lowered. For each instance, provide the location, date, time, and duration of the overflow.

3. Post Construction Compliance Monitoring

The permittee shall implement, once approved, the Post Construction Compliance Monitoring Plan (PCCM), which includes monitoring and collection of information necessary to demonstrate compliance with water quality standards and protection of designated uses, and to determine the effectiveness of the LTCP CSO controls. The PCCM shall be implemented in accordance with the PCCM's approved schedule.

F. Area-Wide Planning/Participation Requirement

Where applicable, the permittee shall cooperate with and participate in any interconnected CSO system's NMCs and LTCP activities being developed and/or carried out by the operator(s) of these systems, and shall participate in implementing applicable portions of the approved NMC and LTCP for these systems.

G. Permit Reopener Clause

The Department reserves the right to modify, revoke and reissue this permit as provided pursuant to 40 CFR 122.62 and 124.5 and for the following reasons:

1. To include new or revised conditions developed to comply with any State or Federal law or regulation that addresses CSOs and that is adopted or promulgated subsequent to the effective date of this permit.
2. To include new or revised conditions if new information indicates that CSO controls imposed under the permit have failed to ensure the attainment of State Water Quality Standards or protect designated uses.
3. To include new or revised conditions based on new information resulting from implementation of the LTCP or other plans or data.

H. Combined Sewer Overflow Deliverable Schedule

The permittee shall complete the above CSO activities in accordance with the following schedule:

Schedule Activity Description

Due Date

Continue Implementation of the NMCs

Permit effective date

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Continue Implementation of the LTCP	Permit effective date
Submit Annual CSO Status Report to Department with Chapter 94 Report	March 31 of each year
Submit DMR Supplemental Reports for CSOs	Within 28 days of the end of a month

- I. The final implementation of the LTCP shall be consistent with the approved LTCP or where applicable the Modified Consent Decree entered on January 23, 2008, by the U.S. District Court for the Western District of Pennsylvania under Civil Action 07-CV-0737 and any modifications thereto..

III. POTW PRETREATMENT PROGRAM IMPLEMENTATION

- A. General Requirement – The permittee shall operate and implement a POTW pretreatment program in accordance with the federal Clean Water Act, the Pennsylvania Clean Streams Law, and the federal General Pretreatment Regulations at 40 CFR Part 403. The program shall also be implemented in accordance with the permittee’s approved pretreatment program and any modifications thereto submitted by the permittee and approved by the Approval Authority.
- B. Annual Report and Other Requirements – The permittee shall submit a Pretreatment Annual Report by March 31 of each year to EPA that describes the permittee’s pretreatment activities for the previous calendar year. The Pretreatment Annual Report shall include a description of pretreatment activities in all municipalities from which wastewater is received at the permittee’s POTW. The Pretreatment Annual Report shall include the following information, at minimum:
 1. Industrial Listing – The Annual Report shall contain an updated industrial listing providing the names and addresses of all current Significant Industrial Users (SIUs) and Non-Significant Categorical Industrial Users (NSCIUs), as defined in 40 CFR 403.3, and the categorical standard, if any, applicable to each. The listing must: (1) identify any users that are subject to reduced reporting requirements under 40 CFR 403.12(e)(3); (2) identify which users are NSCIUs; (3) identify any users that have been granted a monitoring waiver in accordance with 40 CFR 403.12(e)(2) as well as the pollutants for which the waiver was granted and the date of the last POTW sampling event for each pollutant; and (4) identify any categorical industrial users that have been given mass-based limits in place of concentration-based categorical limits in accordance with 40 CFR 403.6(c)(5) or concentration-based limits in place of mass-based categorical limits in accordance with 40 CFR 403.6(c)(6).

In addition, the Annual Report shall contain a summary of any hauled-in wastes accepted at the POTW including the source of the wastes (domestic, commercial or industrial) and the receiving location for acceptance of the wastes. For each industrial source (whether or not classified as an SIU), the report shall indicate (1) the name and address of the industrial source; (2) the average daily amount of wastewater received; (3) a brief description of the type of process operations conducted at the industrial facility; (4) whether the source facility is a categorical industrial user (including NSCIU), significant industrial users, or non-significant industrial user; and (5) any controls imposed on the user.

2. Control Mechanism Issuance – The Annual Report shall contain a summary of SIU control mechanism issuance, including a list of issuances, effective, and expiration dates for each SIU control mechanism. For each general control mechanism issued, provide the names of all SIUs covered by the general control mechanism and an explanation of how the users meet the criteria of 40 CFR 403.8(f)(1)(iii)(A) for issuance of a general control mechanism.
3. Sampling and Inspection – The Annual Report shall contain a summary of the number and types of inspections and sampling events of SIUs by the permittee, including a list of all SIUs either not sampled or not inspected, and the reason that the sampling and/or inspection was not conducted. For any user subject to reduced reporting under 40 CFR 403.12(e)(3), the list shall include the date of the last POTW sampling event and the date of the last POTW inspection of the user. In addition, the report shall include a summary of the number of self-monitoring events conducted by each SIU and the

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number required to be conducted, including a list of all SIUs that did not submit the required number of reports and the reason why the reports were not submitted. For NSCIUs, the report shall provide the date of the compliance certification required under 40 CFR 403.12(q).

4. Industrial User Compliance and POTW Enforcement – The Annual Report shall contain a summary of the number and type of violations of pretreatment standards and requirements, including local limits, and the actions taken by the permittee to obtain compliance, including compliance schedules, penalty assessments and actions for injunctive relief. The report shall state whether each SIU was in significant noncompliance, as that term is defined in 40 CFR Section 403.8(f)(2)(viii), and include the parameter(s) in violation, the period of violation, the actions taken by the POTW in response to the violations, and the compliance status at the end of the reporting period. A copy of the publication of users meeting the significant noncompliance criteria shall be included. In addition, the report shall provide a list of users previously designated as NSCIUs that have violated (to any extent) any pretreatment standard or requirement during the year and the date and description of the violation(s).
5. Summary of POTW Operations – The Annual Report shall contain a summary of any interference, pass-through, or permit violations by the POTW and indicate the following: (1) which, if any, permit violations may be attributed to industrial users; (2) which IU(s) are responsible for such violations; and (3) the actions taken to address these events. The report shall also include all sampling and analysis of POTW treatment plant influent, effluent, and sludge conducted during the year for local limit and priority pollutants identified pursuant to Section 303(d) of the Clean Water Act, 33 U.S.C. 1313(d).
6. Pretreatment Program Changes – The Annual Report shall contain a summary of any changes made or proposed to the approved program during the period covered by the report and the date of submission to the Approval Authority.

A summary of pretreatment activities shall be incorporated into the permittee's Annual Municipal Wasteload Management Report required by 25 Pa. Code Chapter 94 and referenced in Part B I.C.4 of this permit.

- C. Routine Monitoring – The permittee shall conduct monitoring at its treatment plant that, at a minimum, includes quarterly influent, effluent, and sludge analysis for all pollutants for which local limits have been established, and an annual priority pollutant scan for influent and sludge.
- D. Notification of Pass Through or Interference – The permittee shall notify EPA and DEP, in writing, of any instance of pass through or interference, as defined at 40 CFR 403.3(p) and (k), respectively, known or suspected to be related to a discharge from an IU into the POTW. The notification shall be attached to the DMR submitted to EPA and DEP and shall describe the incident, including the date, time, length, cause (including responsible user if known), and the steps taken by the permittee and IU (if identified) to address the incident. A copy of the notification shall also be sent to the EPA at the address provided below.
- E. Headworks Analysis – The permittee shall submit to EPA a reevaluation of its local limits based on a headworks analysis of its treatment plant within one (1) year of permit issuance, and provide a revised submission within three (3) months of receipt of comments from EPA or DEP unless a longer period of time is granted in writing by EPA or DEP. In order to ensure that the permittee's discharge complies with water quality standards, the reevaluation of local limits shall consider, at a minimum, all water quality standards under 25 Pa. Code Chapter 93 applicable to the pollutants included in the reevaluation, unless the POTW is subject to an effluent limitation for the pollutant in Part A of this permit. The list of pollutants to be evaluated, as well as a sampling plan for collection of necessary data, shall be submitted to EPA within three (3) months of permit issuance. Unless otherwise approved in writing, the list of pollutants shall include arsenic, cadmium, chromium, copper, cyanide, lead, mercury, molybdenum, nickel, selenium, silver, zinc, BOD₅, TSS, ammonia, any pollutants for which a local limit currently exists, any pollutant limited in this permit, as well as any other pollutants that have been identified in the POTW through monitoring or the receipt of indirect discharges and hauled-in wastes in quantities that have the potential to cause pass through and/or interference. For example, facilities receiving residual waste from oil and gas operations should include pollutants such as Total Dissolved Solids (TDS), specific ions such as chlorides and sulfates, specific radionuclides, metals such as barium and strontium, and other pollutants that could reasonably be expected to be present. Within four (4) months of acceptance of the headworks analysis by the Approval Authority, the permittee shall adopt the revised local limits and, if necessary to ensure that the

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limits are enforceable throughout the service area, notify all contributing municipalities of the need to adopt the revised local limits.

- F. Changes to Pretreatment Program – EPA and DEP may require the permittee to submit for approval changes to its pretreatment program if any one or more of the following conditions is present:
1. The program is not implemented in accordance with 40 CFR Part 403;
 2. Problems such as interference, pass through or sludge contamination develop or continue;
 3. The POTW proposes to introduce new pollutants or an increased loading of approved pollutants as described in Part A III.C.2 of this permit;
 4. Federal, State, or local requirements change;
 5. Changes are needed to assure protection of waters of the Commonwealth.

Program modification is necessary whenever there is a significant change in the operation of the pretreatment program that differs from the information contained in the permittee's submission, as approved under 40 CFR 403.11.

- G. Procedure for Pretreatment Program Changes – Upon submittal by the permittee, and written notice of approval by the Approval Authority to the permittee of any changes to the permittee's approved pretreatment program, such changes are effective and binding upon the permittee unless the permittee objects within 30 days of receipt of the written notice of approval. Any objection must be submitted in writing to EPA and DEP.

- H. Correspondence – The Approval Authority shall be EPA at the following address:

Pretreatment Coordinator (3WP41)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

IV. SOLIDS MANAGEMENT

- A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids by performing sludge wasting that maintains an appropriate mass balance of solids within the treatment system. The wasting rate must be developed and implemented considering the specific treatment process type, system loadings, and seasonal variation while maintaining compliance with effluent limitations. Holding excess sludge within clarifiers or in the disinfection process is not permissible
- B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BPNPSM0438) and "Supplemental Report – Influent & Process Control" (Form No. 3800-FM-BPNPSM0436), as attachments to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Hauled In Municipal Wastes" (Form No. 3800-FM-BPNPSM0437) and "Supplemental Report – Hauled In Residual Wastes" (Form No. 3800-FM-BPNPSM0450), as attachments to the DMR
- C. By March 31 of each year, the permittee shall submit a "Sewage Sludge Management Inventory" that summarizes the amount of sewage sludge and/or biosolids produced and wasted during the calendar year from the system. The "Sewage Sludge Management Inventory" may be submitted with the Municipal Wasteload Management Report required by Chapter 94. This summary shall include the expected sewage sludge production (estimated on past sludge production), compared with the actual amount disposed during the year. Sludge quantities shall be expressed as dry weight in addition to gallons or other appropriate units.

V. WHOLE EFFLUENT TOXICITY (WET)

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A. General Requirements

1. The permittee shall conduct Chronic WET tests as specified in this section. The permittee shall collect discharge samples and perform WET tests to generate chronic survival and reproduction data for the cladoceran, *Ceriodaphnia dubia* and chronic survival and growth data for the fathead minnow, *Pimephales promelas*.
2. Samples shall be collected at Outfall 001 in accordance with paragraph E.
3. The permittee shall perform testing using the following dilution series: 3%, 7%, 30%, 60%, and 100% effluent, with a control, where 7% is the facility-specific Target In-Stream Waste Concentration (TIWC).
4. The determination of whether a test endpoint passes or fails shall be made using DEP's WET Analysis Spreadsheet (available at www.depweb.state.pa.us/wett) by comparing replicate data for the control with replicate data for the TIWC dilution or any dilution greater than the TIWC.
5. The permittee shall submit only valid WET test results to DEP.

B. Test Frequency and Reporting

1. WET testing shall be conducted annually, at a minimum, during the period January 1 – December 31. Annual WET tests must be completed at least 6 months apart and shall start in the year the permit becomes effective if the permit effective date is prior to October 1.
2. A complete WET test report shall be submitted to the DEP regional office that issued the permit within 45 days of test completion. A complete WET test report submission shall include the information contained in paragraph H, below. The permittee shall continue annual WET monitoring, at a minimum, during the permit renewal review period and during any period of administrative extension of this permit.
3. If a test failure is determined for any endpoint during annual monitoring, the permittee shall initiate a re-test for the species with the failure within 45 days of test completion. All endpoints for the species shall be evaluated in the re-test. The results of the re-test shall be submitted to the DEP regional office that issued the permit.
4. If a passing result is determined for all endpoints in a re-test, the permittee may resume annual monitoring.
5. If there is a failure for one or more endpoints in a re-test, the permittee shall initiate or continue quarterly WET testing for both species until there are four consecutive passing results for all endpoints. The results of all tests shall be submitted to the DEP regional office that issued the permit. In addition, the permittee shall initiate a Phase I Toxicity Reduction Evaluation (TRE) as specified in paragraph C, below.
6. The permittee shall attach the WET Analysis Spreadsheet for the latest four consecutive WET tests to the NPDES permit renewal application that is submitted to DEP at least 180 days prior to the permit expiration date.

C. Phase I Toxicity Reduction Evaluation (TRE)

1. The Phase I TRE trigger is one WET endpoint failure followed by a re-test that confirms the failure for the same species. When the TRE process is triggered, quarterly WET testing shall be initiated for both species until there are four consecutive passing results for all endpoints. The Phase I TRE may include a Toxicity Identification Evaluation (TIE) if the permittee cannot immediately identify the possible causes of the effluent toxicity and the possible sources of the causative agents.
2. The permittee shall, within one year following the Phase I TRE trigger, submit a Phase I TRE report to the DEP regional office that issued the permit. The Phase I TRE shall be conducted in accordance with EPA's guidance, "Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants"

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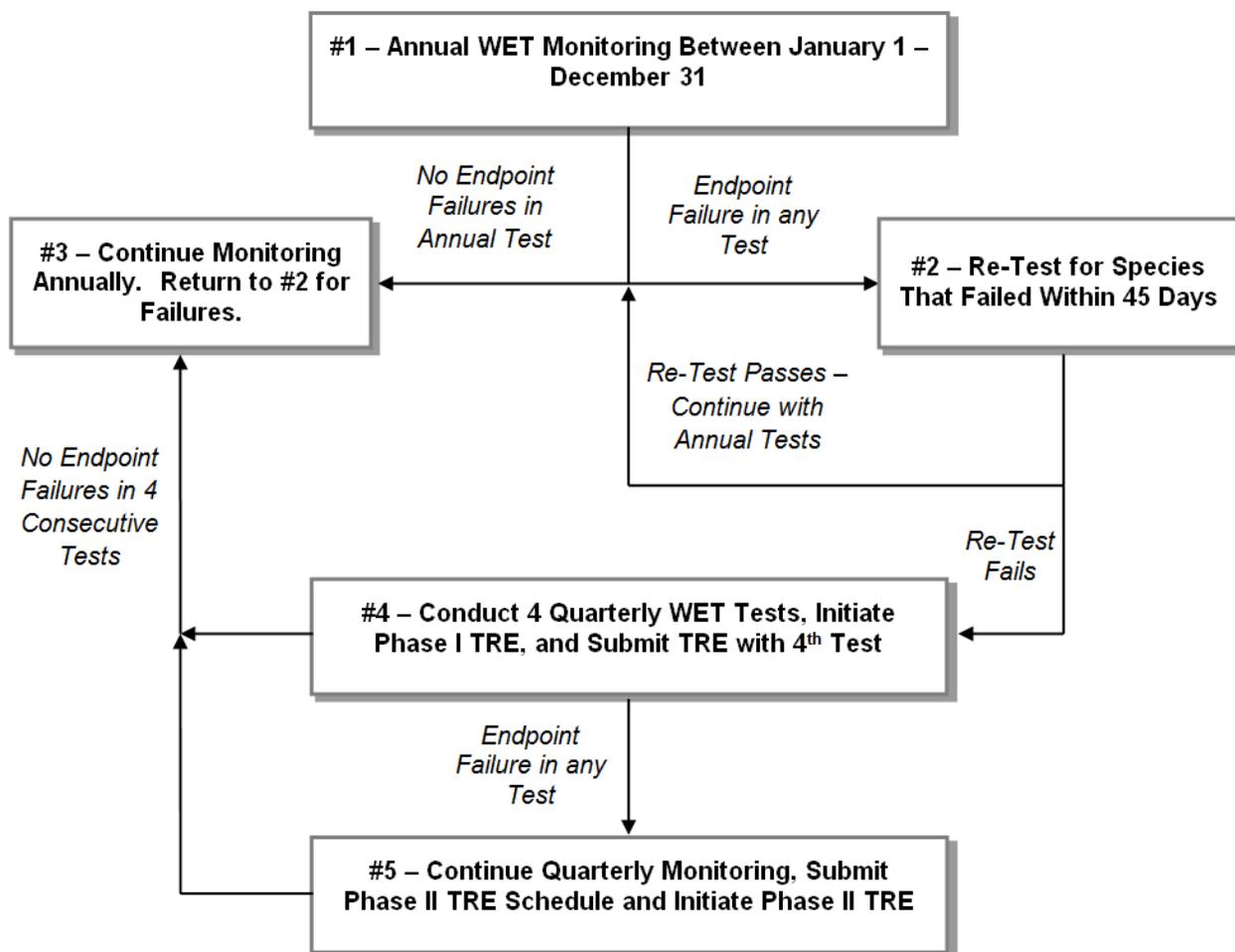
(EPA/833B-99/002), “Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations” (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. If a TIE is conducted as part of the Phase I TRE, it shall conform to EPA’s guidance, “Methods for Aquatic Toxicity Identification Evaluations Phase I” (EPA/600/6-91/003), “Phase II” (EPA/600/R-92/080), “Phase III” (EPA/600/R-92/081) and other relevant EPA guidance. The Phase I TRE report shall be submitted with the fourth quarterly WET test report that is completed following the Phase I TRE trigger. The TRE shall include all activities undertaken to identify the cause(s) and source(s) of toxicity and any control efforts.

3. If all four quarterly WET tests produce passing results for all endpoints during the Phase I TRE process, performance of a Phase II TRE is not required, and annual WET testing in accordance with paragraph B.1 may resume.
4. If the four WET tests produce at least one failing result during the Phase I TRE process, the permittee shall continue quarterly WETT monitoring for both species and initiate a Phase II TRE in accordance with paragraph D. In this case, the Phase I TRE must include a schedule for completion of the Phase II TRE. The schedule must include interim milestones and a final completion date not to exceed two years from the initiation of the Phase II TRE. The permittee shall implement the Phase II TRE in accordance with the schedule unless DEP issues written approval to modify the schedule or cease performance of the Phase II TRE.
5. Re-tests during the TRE process are required for invalid tests but are optional and at the discretion of the permittee for valid tests. The results of all re-tests must be submitted to the DEP regional office that issued the permit along with the required elements in paragraph H.

D. Phase II Toxicity Reduction Evaluation (TRE)

1. The Phase II TRE trigger is one WET endpoint failure during performance of the Phase I TRE. A Phase II TRE, if required, shall conform to EPA’s guidance, “Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants” (EPA/833B-99/002), “Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations” (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. A Phase II TRE evaluates the possible control options to reduce or eliminate the effluent toxicity and the implementation of controls.
2. Once initiated, the Phase II TRE must continue until the source(s) of toxicity are controlled as evidenced by four consecutive WET test passing results for all endpoints, and a final TRE report must be submitted on or before the date specified in the schedule, unless otherwise approved by DEP in writing.
3. If four consecutive quarterly WET tests produce passing results for all endpoints during the Phase II TRE process, annual WET testing in accordance with paragraph B.1 may be initiated or resume.

An overview of the process described in paragraphs B, C and D is presented in the flow chart below:



E. Sample Collection

For each acute testing event, a 24-hour flow-proportioned composite sample shall be collected. For each chronic testing event, three 24-hour flow-proportioned, composite samples shall be collected over a seven-day exposure period. The samples must be collected at a frequency of not greater than every two hours and must be flow-proportioned. The samples must be collected at the permit compliance sampling location. Samples must be analyzed within 36 hours from the end of the compositing period and must be placed on ice and held at $\leq 6^{\circ}\text{C}$. Refer to the sample handling and preservation regulations set forth in 40 CFR 136, 25 Pa. Code Chapter 252, The NELAC Institute (TNI) Standard, and the appropriate EPA methods.

F. Test Conditions and Methods

Laboratories must be accredited by the DEP Laboratory Accreditation Program in order to perform and report WET tests for NPDES permit compliance. Laboratories must be either State or NELAP accredited.

1. Acute tests shall be completed in accordance with EPA's "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms" (EPA-821-R-02-012, latest edition). Forty-eight (48) hour static non-renewal tests shall be used.
2. Chronic tests shall be completed in accordance with EPA's "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (EPA-821-R-02-013, latest edition). Seven (7) day tests shall be used with renewal every 24 hours.
3. The quality assurance and control (QA/QC) requirements and test acceptability standards specified in EPA's test methods and the requirements set forth in 25 Pa Code Chapter 252 or the TNI Standard must be followed.

Appendix A-20-b

4. If the permittee or its accredited laboratory determines that QA/QC requirements and/or test acceptability standards have not been met, a re-test shall be initiated within 45 days. Original test data must be maintained by the laboratory and be submitted to DEP upon request. The justification for a re-test must be clearly documented and kept on file with the sample results.

G. Chemical Analyses

Chemical analyses must follow the requirements of the EPA methods and applicable State and/or Federal regulations.

1. Chemical analysis on effluent samples shall include pH, Conductivity, Total Alkalinity, Total Hardness, Total Residual Chlorine, Total Ammonia (Unionized Ammonia), Dissolved Oxygen and temperature. Chemical analyses as described in the EPA Methods (above) shall be performed for each sampling event, including each new batch of dilution water and each testing event.
2. In addition to the chemical analyses required above, those parameters listed in Part A of the NPDES permit for the outfall(s) tested shall be analyzed concurrently with the WET test by using the method(s) specified in the permit.

H. WET Report Elements

WET test reports that are submitted to DEP must include the requirements identified in 25 Pa. Code § 252.401(j)(1) – (15) or in the TNI Standard, or equivalent, as well as the following information:

1. A general test description, including the origin and age of test organisms, dates and results of reference toxicant tests, light and temperature regimes, and other documentation that QA and test acceptability criteria as specified in EPA's methods and DEP's QA Summaries have been met.
2. A description of sample collection procedures and sampling location.
3. Name(s) of individual(s) collecting and transporting samples, including sample renewals, and the date(s) and time(s) of sample collection.
4. All chemical and physical data including laboratory quantitation limits and observations made on the species. The hardness shall be reported for each test condition.
5. Copies of raw data sheets and/or bench sheets with data entries and signatures.
6. When effluents are dechlorinated, dechlorination procedures must be described and if applicable a thiosulfate control used in addition to the normal dilution water control. If the thiosulfate control results are significantly different from the normal control, as determined using DEP's WET Analysis Spreadsheet, the thiosulfate control shall be used in the spreadsheet for comparison with the TIWC condition. The WET report must specify which control was used to determine whether the test result is pass or fail.
7. A description of all observations or test conditions that may have affected the test outcome.
8. Control charts for the species tested regarding age, temperature test range, mortality data and all reference toxicant tests.
9. A completed WET test summary report (3800-FM-BPNPSM0485).
10. A DEP WET Analysis Spreadsheet printout that provides control and TIWC replicate data and displays the outcome of the test (pass or fail) for each endpoint tested.

WETT reports shall be submitted to the DEP regional office that issued the permit and, for discharges to the Delaware River basin, the Delaware River Basin Commission (DRBC).

VI. REQUIREMENTS APPLICABLE TO STORMWATER OUTFALLS

- A. The permittee is authorized to discharge non-polluting stormwater from its site, alone or in combination with other wastewaters, through the following outfalls:

Outfall No.	Latitude	Longitude	Description
SW1	40° 28' 38.42"N	80° 09' 38.40"W	EW700
SW2	40° 28' 39.56"N	80° 09' 40.38"W	HW310
SW3	40° 28' 37.81"N	80° 09' 38.27"W	HW300
SW4	40° 28' 41.28"N	80° 09' 44.13"W	North of Sodium Hypochlorite Building
SW5	40° 28' 31.61"N	80° 09' 33.36"W	Effluent Flushing Water Bldg.

Monitoring requirements and effluent limitations for these outfalls are specified in Part A of this permit, if applicable.

B. Preparedness, Prevention and Contingency (PPC) Plan

1. The permittee shall develop and implement a PPC Plan in accordance with 25 Pa. Code § 91.34 following the guidance contained in DEP's "Guidelines for the Development and Implementation of Environmental Emergency Response Plans" (DEP ID 400-2200-001), its NPDES-specific addendum and the minimum requirements below.
 - a. The PPC Plan must identify all potential sources of pollutants that may reasonably be expected to affect the quality of stormwater discharges from the facility.
 - b. The PPC Plan must describe preventative measures and BMPs that will be implemented to reduce or eliminate pollutants from coming into contact with stormwater resulting from routine site activities and spills.
 - c. The PPC Plan must address actions that will be taken in response to on-site spills or other pollution incidents.
 - d. The PPC Plan must identify areas which, due to topography or other factors, have a high potential for soil erosion, and identify measures to limit erosion. Where necessary, erosion and sediment control measures must be developed and implemented in accordance with 25 Pa. Code Chapter 102 and DEP's "Erosion and Sediment Pollution Control Manual" (DEP ID 363-2134-008).
 - e. The PPC Plan must address security measures to prevent accidental or intentional entry which could result in an unintentional discharge of pollutants.
 - f. The PPC Plan must include a plan for training employees and contractors on pollution prevention, BMPs, and emergency response measures.
 - g. If the facility is subject to SARA Title III, Section 313, the PPC Plan must identify releases of "Water Priority Chemicals" within the previous three years. Water Priority Chemicals are those identified in EPA's "Guidance for the Determination of Appropriate Methods for the Detection of Section 313 Water Priority Chemicals" (EPA 833-B-94-001, April 1994). The Plan must include an evaluation of all activities that may result in the stormwater discharge of Water Priority Chemicals.
 - h. Spill Prevention Control and Countermeasure (SPCC) plans may be used to meet the requirements of this section if the minimum requirements are addressed.
2. The permittee shall review and if necessary update the PPC Plan on an annual basis, at a minimum, and when one or more of the following occur:
 - a. Applicable DEP or federal regulations are revised, or this permit is revised.

- b. The PPC Plan fails in an emergency.
- c. The facility's design, industrial process, operation, maintenance, or other circumstances change in a manner that materially increases the potential for fires, explosions or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency.
- d. The list of emergency coordinators or equipment changes.
- e. When notified in writing by DEP.

The permittee shall maintain all PPC Plan updates on-site, make the updates available to DEP upon request.

C. Minimum Required BMPs

In addition to BMPs identified in the PPC Plan, the permittee shall implement the following minimum BMPs relating to stormwater pollution prevention:

1. If applicable, post-construction stormwater BMPs that are required under 25 Pa. Code Chapter 102 must be maintained.
2. Manage sludge in accordance with all applicable permit requirements.
3. Store chemicals in secure and covered areas on impervious surfaces away from storm drains.
4. For new facilities and upgrades, design wastewater treatment facilities to avoid, to the maximum extent practicable, stormwater commingling with sanitary wastewater, sewage sludge, and biosolids.
5. Efficiently use herbicides for weed control. Where practicable, use the least toxic herbicide that will achieve pest management objectives. Do not apply during windy conditions.
6. Do not wash parts or equipment over impervious surfaces that wash into storm drains.
7. Implement infiltration techniques, including infiltration basins, trenches, dry wells, porous pavement, etc., wherever practicable

D. Routine Inspections

Areas contributing to a stormwater discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. BMPs in the PPC Plan and required by this permit shall be inspected on a semiannual basis, at a minimum, to determine whether they are adequate and properly implemented in accordance with the terms of this permit or whether additional control measures are needed. Documentation of inspections shall be maintained on-site and be made available to DEP upon request

E. Stormwater Sampling Requirements

If stormwater sampling is required in Part A of this permit, the following requirements apply:

1. All samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1-inch rainfall) storm event. The 72-hour storm interval is waived when the preceding storm did not yield a measurable discharge, or if the permittee is able to document that a less than 72-hour interval is representative for local storm events during the sample period.
2. Grab samples shall be taken during the first 30 minutes of the discharge. If the collection of a grab sample during the first 30 minutes is not possible, a grab sample can be taken during the first hour of the discharge, in which case the discharger shall provide an explanation of why a grab sample during the first 30 minutes was not possible.

Count	Permit #	Type	Issue Date	Description
1	2017	Sanitary Water Board, Sewerage Permit	6/8/1916	Brentwood sanitary sewers in District 1
2	2187	Sanitary Water Board, Sewerage Permit	7/6/1917	Brentwood sewage treatment works
3	2759	Sanitary Water Board, Sewerage Permit	11/10/1921	Brentwood sanitary sewers in Districts 2 & 3
4	3700	Sanitary Water Board, Sewerage Permit	12/8/1926	Brentwood main trunk sewer in the Saw Mill Run Drainage Basin
5	4205	Sanitary Water Board, Sewerage Permit	6/19/1929	Brentwood sanitary sewers in District 4 & 5 and the Streets Run Drainage District
6	5221	Sanitary Water Board, Sewerage Permit	2/18/1935	Brentwood Streets Run sanitary trunk sewer
7	5338	Sanitary Water Board, Sewerage Permit	10/23/1935	Brentwood sanitary sewers in District 7
8	6270	Sanitary Water Board, Sewerage Permit	4/1/1942	Brentwood sanitary sewers in District 8
9	6782	Sanitary Water Board, Sewerage Permit	7/31/1947	Brentwood sanitary sewers in Districts 8A & 1E
10	6886	Sanitary Water Board, Sewerage Permit	2/11/1948	Brentwood sanitary sewers in Districts 9B & 5D
11	7206	Sanitary Water Board, Sewerage Permit	7/18/1949	Brentwood sanitary sewers in Districts 4F & 1F
12	8127	Sanitary Water Board, Sewerage Permit	4/26/1951	Brentwood sanitary sewers in Colonial Park Plan
13	9089-S	Sanitary Water Board, Sewerage Permit	7/18/1958	Brentwood sanitary sewers in District 4J
14	9518-S	Sanitary Water Board, Sewerage Permit	1/25/1960	Brentwood sanitary sewers in Oakton Plan of Lots
15	461S87	Sanitary Water Board, Sewerage Permit	9/21/1961	Brentwood sanitary sewers in Riviera Estates Plan No. 1,2,3

PERMIT NO. 2017

BRENTWOOD SANITARY SEWERS IN DISTRICT 1

ISSUED JUNE 8, 1916

Case
5/13/16
2359

copy
A# 2927
P# 2017

BRENTWOOD SEWERAGE
BRENTWOOD BOROUGH, ALLEGHENY CO.

Harrisburg, Pa., May 11th, 1916.

Mr. C. A. Emerson, Jr.,
Acting Chief Engineer.

Dear Sir:-

On April 27th, 1916, the borough of Brentwood, Allegheny County, made application No. 2927, asking for approval of plans for a sanitary sewer system of District No. 1 of Brentwood Borough.

I have examined the plans accompanying the above application and made a field investigation and submit herewith a report thereon.

GENERAL CONDITIONS

The borough of Brentwood was incorporated in November, 1915, out of Baldwin Township, Allegheny County, with the exception of a small portion in the northwestern part of the borough contiguous to Carrick Borough it is entirely surrounded by Baldwin Township.

The borough is entirely residential, being composed mainly of several land company developments and is divided topographically into two sections by the Brownville Road, an extensively travelled thoroughfare. The eastern section of the borough is tributary to Saw Mill Run which enters

the Ohio River just below the confluence of the Allegheny and Monongahela River, while the western section of the borough drains into Streets Run and its tributary, Scotch Run. Streets Run passes through Hays Borough and enters the Monongahela River opposite the Hazelwood District of the city of Pittsburgh.

The population of the borough of Brentwood is approximately 2,000 of whom about 450 live in the district for which the application is made. The balance of the population is scattered among the several land developments and in the older portion of the borough. At present Brentwood has no sewerage system the properties being supplied with cesspools or in some cases in the section tributary to Saw Mill Run, by private sewers leading into small streams. There are already 84 houses built in District No. 1 and about 25 more are to be constructed this season.

The entire population is supplied with water by the South Pittsburgh Water Company.

The approximate valuation of the borough is at present \$2,500,000 and it has no bonded indebtedness.

PROPOSED SEWERAGE SYSTEM

The proposed plans cover a sanitary system for the so called Brentwood plan of lots in the extreme northern corner of the borough and comprise 17,150 feet of 8 inch, 1,260 feet of 10 inch, 550 feet of 12 inch, 4,550 feet of 15 inch and 830 feet of 18 inch pipe. Below is given a tabulated list of sewers showing the location, size, length and maximum grade of each:

10994

PROPOSED SEWERS

Street	From	To	Size	Length	Min. Grade
Brownsville Rd.	Summit	"B" Alley	8"	674'	1.00
"B" Alley	Brownsville Rd.	Glendale Ave.	8"	735'	3.74
Bellecrest Ave.	Glendale Ave.	Brentwood Ave.	10"	301'	8.09
Claremont Ave.	Summit	"B" Alley	8"	316'	7.65
Elroy Ave.	Summit	"B" Alley	8"	241'	7.35
"A" Alley	Eva	Brentwood Ave.	8"	7.95'	0.70
Claremont Ave.	Summit	Glendale Ave.	8"	642'	1.87
Claremont Ave.	Brentwood Ave.	Glendale Ave.	8"	353'	1.33
Glendale Ave.	Claremont Ave.	Bellecrest Ave.	8"	1042'	5.97
Elroy Ave.	Summit	Glendale Ave.	8"	290'	6.07
Brentwood Ave.	Sankey Ave.	Bellecrest Ave.	8"	1717'	5.70
Pinehurst Ave.	Sankey Ave.	Wardler Ave.	8"	754'	3.46
Wardler Ave.	Wardler Ave.	"D" Alley	10"	966'	5.34
Church Ave.	Sankey Ave.	Wardler Ave.	8"	680'	1.00
Church Ave.	Willet Road	Wardler Ave.	8"	730'	0.70
Wardler Ave.	Church Ave.	Beverly Avenue	8"	300'	4.00
Wardler Ave.	Beverly Ave.	Pinehurst Ave.	10"	45'	3.33
Bererly Ave.	Summit	Wardler Ave.	8"	430'	7.69
Pentland Ave.	Grayson Ave.	Pinehurst Ave.	8"	270'	11.99
Beverly Ave.	Summit	"D" Alley	8"	361'	6.22
Pentland Ave.	Grayson Ave.	"D" Alley	8"	298'	6.39
Grayson Ave.	Pentland Ave.	"D" Alley	8"	250'	15.60
"D" Alley	Beverly Ave.	Pinehurst Ave.	8"	892'	5.83*
"D" Alley	Pinehurst Ave.	Brentwood Ave	12"	407'	1.40
Brentwood Ave.	Bellehurst Ave.	"D" Alley	12"	140'	6.71
Brentwood Ave.	"D" Alley	Cowan Road	15"	4542'	1.58
Brentwood Ave.	Cowan Road	Proposed sewage	18"	827'	2.36
		Disposal plant			
Glendale Ave.	Summit	Bellecrest Ave.	8"	900'	1.25
Glendale Ave.	Summit	"C" Alley	8"	200'	8.50
"C" Alley	Glendale Ave.	Brentwood Ave.	8"	237'	14.00
Alley		Willet Road	8"	400'	6.75
Kort Ave.	Eva End	Willet Road	8"	280'	10.00
Willet Road	Road	Township line	8"	2343'	0.50
Private Right of Way	Willet Road	Brentwood Ave.	8"	977'	8.54

*There is a short length of 64 feet which has a grade of but 1.56, a flush tank is to be installed here.

10395

It will be seen that the grades in all cases are such as to insure a velocity of at least 2 feet per second flowing half full and that in all but one case, that of Willet Road, this velocity is exceeded by a satisfactory margin. Manholes are provided at each change in grade and alignment and flush tanks are provided at all summit ends. The average depth of the sewers is from 8 feet to 10 feet in order to provide drainage for cellars. No special provisions are made for the crossings at small streams although a number of such crossings exist.

The design calls for the collection of all sewage from the district at the corner of B Avenue to a proposed disposal site about 800 feet below the borough line in Baldwin Township. An alternate site is suggested inside the borough although the close proximity of this latter site to several houses precludes the possibility of the use of this site.

The application asks permission to discharge sewage untreated (temporarily) into Streets Run at or near the intersection of B Avenue and Cowan Road, or further up B Avenue if the Commissioner of Health thinks that a narrow temporary discharge location can be selected without prejudice to any one.

In this regard it should be noted that the tributary of Scotch Run above Point View Road was nearly dry at the time of my inspection and only the discharge of two slope or private mines prevents this condition from obtaining as far down stream as Cowan Road. The discharge of these two mine openings was approximately 3 to 4 second feet while the discharge of Scotch

10996

Run below Cowan Road was approximately 10 to 15 second feet at the time of my inspection.

At the junction of Cowan Road and B. Avenue the Philadelphia Gas Company has a pumping station and two houses for its employees. From this point to Hays Borough, approximately 1-1/2 miles down stream, there are but 2 houses and both of these are at a distance of at least 300 feet from the stream.

Hays Borough with a population of approximately 2,000. is without any sewerage system and the sanitary conditions obtaining therein are extremely bad. One mile further Streets Run enters the Monongahela River at a point about 2 miles above Beaks Run, the source of supply of the South Pittsburgh Water Company.

The proposed sewerage system of Brantwood will serve about 1/5 the population of the borough and the outfall is so located that it can take care of the entire borough east of Brownsville Road by gravity.

DISCUSSION

The sewerage system as designed is satisfactory as far as it is carried out. The size, grade and general design is good. Moreover the location of the outfall and sewage disposal plant is such that it can ultimately take care of the entire district so situated as to be topographically tributary thereto. ^{Provisions} ~~Provisions~~ are made for the drainage of cellars into the sanitary system and this has made it necessary to design the sewers at an excessive depth and will moreover add to the load which must be borne by a sewage disposal plant when installed at

10997

a later date.

Permission to discharge the sewage from this district, untreated, into the tributary of Scotch Run within the borough limits does not seem advisable owing to the fact that the tributary is even now dry and without a doubt a nuisance would result from such a procedure. If this outlet is carried to a point approximately 300 feet below the borough line, however, it will be removed at least 600 feet from the nearest house and into a stream having a satisfactory flow. Moreover it is reported that this stream being fed by springs and mine drainage always has a considerable flow.

Beyond this point the nearest habitation affected is Hays Borough where the stream is grossly polluted already.

While the plans submitted do not show a comprehensive system of the entire borough the study has been carried far enough to show that the sewage of the entire borough can be collected and treated at two points, one on Streets Run, covered by the application and the second on Saw Mill Run, west of the Brownsville Road. The population west of Brownsville Road is scattered and the borough feels that it is not at present financially able to properly take care of this district. The assessed valuation of the borough, namely, \$2,500,000 and the fact that it has no bonded indebtedness at present, makes it clear that while the borough may have no ready money at present its financial condition is satisfactory enough to warrant the expenditure necessary to install a proper sewerage system and disposal plant.

10998

The fact that no plans are submitted at present for the portion of the borough west of Brownville Road is due to the fact that this is in general the oldest section of the borough and in many cases the individual property owners have made connection to small runs leading into Saw Mill Run which, below the borough of ^{Brentwood} Brackenridge, received the entreated sewage of Carrick, Knoxville and Mount Oliver. Ultimately the improvement to this stream will probably be through cooperation with the city of Pittsburgh and adjoining boroughs and for this reason it would probably be unwise, as well as uneconomical, for the borough of Brownville to expend money for the purification of its sewage alone.

The district covered by the application, however, is in urgent need of sewers to prevent nuisances which are even now in some cases in evidence. Cesspools are overflowing since the soil in this section of the country is not pervious enough to allow proper drainage.

RECOMMENDATIONS

After a study of the plans submitted and a field examination I suggest for your consideration that the construction of the sewers covered by the application of the borough of Brentwood and the use of the same will be less prejudicial to public health than the continuance of the present conditions and that a temporary permit be issued to the borough allowing the construction and use of the sewers covered in their application, under the following conditions and stipulations:

FIRST: 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.

SECOND: Suitable inspection manholes shall be placed at all intersections, changes of line or grade, and 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.

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

FOURTH: The right herein granted to discharge sewage into waters of the State shall cease on or before January 1st, 1918, 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 borough there may be granted an extension of the time during which sewage may continue to be discharged into the waters of the State.

FIFTH: 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.

SIXTH: On or before December thirty-first of each year the borough 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 State Department of Health may at all times have full information as to

11000

the extent and use of the system.

SEVENTH: 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.

EIGHTH: Within six months of the date of this permit the borough shall adopt and submit to the State Department of Health for approval detailed plans and a report prepared by a competent sanitary expert, covering a comprehensive sanitary sewer system for all developed portions of the municipal area, with suitable provision for extensions into the outlying districts, and for the interception of the sewage and its treatment at one or more sites suitable for the erection of such works.

NINTH: The municipality shall forthwith adopt the necessary ordinance to prevent the discharge of sewage into State waters from all properties within its corporate limits except by way of the sewers herein approved.

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

Respectfully submitted,

H. P. Drake
Assistant Engineer.

DSS

OHIO RIVER POLLUTION SURVEY - U.S.P.H.S. - CINCINNATI, OHIO

PUBLIC WATER SUPPLY

11001

State Ohio County Allegheny Mileage Index No. Post 7.0

Municipality Greentree Main Watershed Monongahela River

Source of Supply Monongahela River Subwatershed Streets Run

Population (1930) 8,581 (1940) 7,558 Served 7,558

Average Consumption Est. 0.50 M.G.D. Ownership -

Principal Features of Treatment -

Date Treat. Installed - Rated Capacity Plant - M.G.D.

Location of Intakes -

Source of Data R. A. Schneider, Borough Engineer

Remarks - See W-1, for Garrick and data on South Pittsburgh Water Co.

[Multiple blank horizontal lines for additional notes or data entry]

Survey by Joseph E. Flanagan, Jr. Date 2/5/61
Rev. 4/27/40

[Faint, illegible text on lined paper]

RECEIVED
MAY 19 1964
OFFICE

Date of Application Apr. 26, 1916

No 2927

Appendix A-20-1003

Date Issued June 8, 1916 Vol 27 Page

No 2017

Place Brentwood

Recorded July 5, 1916 Vol 1877 Page 14

County Allegheny

Drake - Eng. Study No. 2357 - Vol. 73

File No 2600

Conditions and Stipulations.

Disposition.

* * * * * made application for approval of plans for a sanitary sewer system to be constructed in the Street's Run Drainage Dist. of the borough and for the discharge of sewage therefrom, untreated, into State waters, in accordance * * *

The statements on the plans and in the application * * *

Whereupon, the Gov., Atty.Genl. 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 the approval of the plans for a sanitary sewer system for the Street's Run Drainage Dist. of the borough.

Therefore, I, Samuel G. Dixon, Commissioner of Health of the Commonwealth of Penna., do hereby and herein approve the plans for a sanitary sewer system for the Street's Run Drainage Dist. of the borough and issue a permit therefor, subject to the following conditions:

FIRST: 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.

SECOND: Suitable inspection manholes shall be placed at all intersections, changes of line or grade, and 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.

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

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.

FIFTH: On or before Dec. 31 of each year the borough shall file in the office of the State Dept. 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 State Dept. of Health may at all times have full information as to the extent and use of the system.

(OVER)

SIXTH: Prior to the time of completion of the sewer system, the borough shall provide works for the treatment of the sewage in order that no sewage may be discharged untreated into State waters from the proposed sewer system. The plans for the treatment works shall provide in outline for complete treatment of the sewage and also shall show in detail those portions of the works necessary for the separation of the solids from the liquid portions of the sewage and for the treatment of the solids, in order that these portions of the works may be considered in detail by the State Dept. of Health, and that when approval of the plans is secured the borough may proceed with the construction in order that same may be completed prior to the time at which the sewers are ready for service.

see Permit 7-4-17

SEVENTH: TO BE RECORDED IN ALLEGHENY COUNTY

Application Apr. 26, 1916 No. 2927 Name **Appendix A-20-b**
 Issued June 8, 1916 Vol. 27 No. 2017 Place **Brantwood 11005**
 Recorded July 10, 1916 Vol. 1877 Page 14 County **Allegheny**
 Report by Drake-Eng. Study No. 2357 Vol. 73 File No. **2600**

Conditions and Stipulations

Disposition

* * * * * made application for approval of plans for a sanitary sewer system to be constructed in the Street's Run Drainage Dist. of the borough and for the discharge of sewage therefrom, untreated, into State waters, in accordance * * *

The statements on the plans and in the application

whereupon, the Gov., Atty. Genl, and Commissioner of Health, after reviewing and considering the matter have unanimously agreed that the general interest of the public health will be subserved by the approval of the plans for a sanitary sewer system for the Street's Run Drainage Dist. of the borough.

Therefore, I, Samuel G. Dixon, Commissioner of Health of the Commonwealth of Penna., do hereby and herein approve the plans for a sanitary sewer system for the Street's Run Drainage Dist. of the borough and issue a permit therefor, subject to the following conditions:

FIRST: 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.

SECOND: Suitable inspection manholes shall be placed at all intersections, changes of line or grade, and 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.

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

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.

FIFTH: On or before Dec. 31 of each year the borough shall file in the office of the State Dept. of Health satisfactory plans of the sewers

11006

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

SIXTH: Prior to the time of completion of the sewer system, the borough shall provide works for the treatment of the sewage in order that no sewage may be discharged untreated into State waters from the proposed sewer system. The plans for the treatment works shall provide in outline for complete treatment of the sewage and also shall show in detail those portions of the works necessary for the separation of the solids from the liquid portions of the sewage and for the treatment of the solids, in order that these portions of the works may be considered in detail by the State Dept. of Health, and that when approval of the plans is secured the borough may proceed with the construction in order that same may be completed prior to the time at which the sewers are ready for service.

See Permit 7-6-17

SEVENTH: To be recorded in Allegheny County

11067

Sewerage

Brentwood Borough - Allegheny County
Application # —

March - 1981

On September 11, 1980, application given department # — dated September 4, 1980 was received from the Board of Brentwood, Allegheny County, requesting the issuance of a permit for "the construction and use of a system of lateral sanitary sewers in the Brentwood Villa Plan of Lots in Brentwood Borough, in Scotts Run Drainage Basin with two connections to the existing 15" sanitary trunk sewer leading to the existing Deepford Plant and Scotts Run." This section is known as District #6.

The application was accompanied by plans in duplicate showing sizes and grades of sewers and the two connections into the existing 15" trunk sewer ~~at~~ from which the sewage is conveyed to the Deepford Plant.

The plans and application

have been examined and the following report is submitted.

General Conditions

The Borough of Brentwood is located in the South Hill District, adjacent ~~to~~^{to} the City of Pittsburgh. The Borough was incorporated in 1915 out of Baldwin Twp. It covers an area of 1.44 square miles and had a 1930 population of 5381.

Brentwood Borough is entirely a residential community. It is divided by the Brownsville Road into two main drainage districts. The district on the east of this road being tributary to Scotts Run, a tributary of Strouts Run which empties into the Monongahela River at the former Borough of Days. The district lying on the west side of the Brownsville Road is drained by a tributary of Heymans Run, which empties into Saw Mill Run at Fairhaven, Baldwin Township.

Brentwood Borough is one of the fastest growing

manipulates in this section. Approximately 50% of the Borough is served and approximately 80% of the population is served.

The Borough is supplied with water by the South Pied Water Co., which secures its supply from the Monongahela River, filters & chlorinates it prior to delivery to the consumers.

— Previous Permits —

On June 8, 1916 a permit was issued to the Board of Brentwood approving a system of sanitary sewers for a section in the streets of the Sewage Basin known as District #1. This district is located in the extreme northern section of the town, from where the sewage is drained along Brentwood Avenue to a point on Scotts Run. This permit required the submission of plans for sewage treatment works for the proposed sewerage system.

On July 6, 1917, the second permit was issued to the town approving plans for the construction of a sewage disposal plant on Scotts Run for District #1, in compliance

with the stipulations of former permit to that effect.

On Nov 10, 1921, another sewerage permit was issued to the Boro approving plans for the construction of sewers in Districts #2 & 3. The sewage from District #3, which is located on the streets Run watershed, is conveyed to the sewage disposal plant constructed on Scotts Run. The sewage from District #2, which is located on the Saw Mill Run watershed, ~~was conveyed~~ to a point on the Clanton Road northwest of Lawrence Avenue by means of a 12" trunk sewer and there discharged untreated into a branch of Pigeon Run. The time limit for the discharge of untreated sewage expired Dec 31, 1922 & has not been subsequently extended.

On Dec 8, 1926, a permit was issued to the Boro, approving plans for the construction & use of the Boro's part of the Saw Mill Run Trunk Sewer. It was stipulated that the Boro submit plans for approval for such trunk sewer or sewers as might be necessary for connection to the Saw Mill Run Trunk Sewer to eliminate

the discharge of untreated sewage into Scotts Run or any of its tributaries.

On June 19, 1929 a permit was issued to the Bros for District #4 together with the disposal of sewage from the same to the main trunk sewer leading to the disposal plant. This district lies in the Streets Run Drainage Basin & comprises about 27 acres.

With the same plans approval was issued to construct lateral sewers on either way in the Streets Run Drainage Basin which connects to the 15" sewer on Brentwood Ave. leading to the disposal plant.

Under the same permit came the approval of sewers for District #5 located in the Saw Mill Run Drainage Basin, serving all the area not served west of Brownville Road. The flow from this section conveyed thru Overbrook to the Saw Mill Run Trunk Sewer at Fairbairn. This permit also stipulated that on or before Dec 31, 1930 the Bros submit plans for a new sewage treatment works to replace the existing inadequate one at Scotts Run. This along with other stipulations has been done, plans being in this office at the present and awaiting approval.

Present Application

PERMIT NO. 2187

BRENTWOOD SEWAGE TREATMENT WORKS

ISSUED JULY 6, 1917

Date of Application May 12, 1917 No. 3272 Appendix A-20-b
 Date Issued July 6, 1917 Vol. 30 Page No. 2187 Place Brentwood **11015**
 Recorded July 15, 1917 Vol. D.B. 1911 Page 58 County Allegheny
 Drake - Eng. Study No. 2579 - Vol. 82 File No. 2600

Conditions and Stipulations.

Disposition.

***** made application for approval of plans for sewage treatment works to be constructed for the the treatment of the sewage in the Street's Run drainage district of the borough, in accordance *****

Copy sent Douglas & Mc Knight 7/6/17

The statements on the plans etc.

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 the approval of the plans for the sewage treatment works for treatment of the sewage in the Street's Run drainage district of the borough.

Therefore, I, Samuel G. Dixon, Commissioner of Health of the Commonwealth of Pennsylvania, hereby and herein approve the plans for the sewage treatment of the sewage in the Street's Run drainage district of the borough, and issue a permit therefor, subject to the following conditions:

FIRST: Permission to make connections to the various lateral sewers and to discharge untreated sewage into State waters as a temporary procedure is conditioned upon actual undertaking of construction of at least one septic tank, a sludge bed, apparatus for disinfection of effluent from the septic tank and a device for aeration of the disinfected effluent. Such construction work shall be undertaken prior to discharge of any sanitary sewage into the sewer system and the construction shall be prosecuted to completion at the earliest possible date.

SECOND: Upon completion of the sewage treatment works or any part thereof no untreated sewage shall be discharged into State waters. The construction of only a single septic tank will not admit of satisfactory withdrawal of sludge accumulating in the same without interference with the method of treatment. To this end the borough shall construct a longitudinal wall to divide the tank into two compartments so that at least one-half may be maintained in continuous operation. In lieu of this the borough will be permitted to construct both septic tank units at this time should it be desired.

THIRD: The location of the sludge bed to the north of the septic tanks and on the side adjacent to the public highway is not approved. If this sludge bed should be located on the side of the tanks away from the public highway the danger of formation of odors objectionable to travelers along the highway would be somewhat reduced. Full details of the method of transporting sludge from the septic tanks to the sludge bed shall be submitted to the State Department of Health for approval prior to undertaking construction work.

FOURTH: Records of the operation of the sewer system and sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies thereof shall be filed monthly in the office of the said Department.

FIFTH: The plans for apparatus for treatment of the septic tank effluent with a chemical germicide and of temporary apparatus for aeration of the treated effluent shall be submitted to the State Department of Health for approval prior to undertaking construction work.

SIXTH: For a period of six months after completion the sewage treatment works shall be operated under the responsible supervision of the experts who designed the same or someone equally competent to perform such service in order that the employes of the borough may be instructed in the proper operation of the plant.

SEVENTH: The treatment of the sewage by septic tanks and a chemical germicide shall be considered a temporary measure only. Upon six months notice from the State Department of Health so to do the borough shall undertake construction of the remaining portion of the sewage treatment works in accordance with the plans herein approved or in accordance with such other plan as may at that time appear advisable.

TO BE RECORDED IN ALLEGHENY COUNTY.

* Referred to Mr. Irwin in extra copy of permit

Application May 18, 1917 No. 3072 Name 11017
 Issued July 6, 1917 Vol. 30 No. 2167 Place Brantwood
 Recorded July 18, 1917 Vol. 1911 Page 58 County Allegheny
 Report by Drake-Eng. Study No. 2579 Vol. B2 File No. 2600

Conditions and Stipulations

Disposition

***made application for approval of plans for sewage treatment works to be constructed for the treatment of the sewage in the Street's Run drainage district of the borough, in accordance

Copy sent Douglass & McKnight 7/6/17.

The statements on the plans etc.

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 the approval of the plans for the sewage treatment works for treatment of the sewage in the Street's Run drainage district of the borough.

Therefore, I, Samuel S. Dixon, Commissioner of Health of the Commonwealth of Pennsylvania, hereby and herein approve the plans for the sewage treatment of the sewage in the Street's Run drainage district of the borough, and issue a permit therefor, subject to the following conditions:

FIRST: Permission to make connections to the various lateral sewers and to discharge untreated sewage into State waters as a temporary procedure is conditioned upon actual undertaking of construction of at least one septic tank, a sludge bed, apparatus for disinfection of effluent from the septic tank and a device for aeration of the disinfected effluent. Such construction work shall be undertaken prior to discharge of any sanitary sewage into the sewer system and the construction shall be prosecuted to completion at the earliest possible date.

SECOND: Upon completion of the sewage treatment works or any part thereof no untreated sewage shall be discharged into State waters. The construction of only a single septic tank will not admit of satisfactory withdrawal of sludge accumulating in the same without interference with the method of treatment. To this end the borough shall construct a longitudinal wall to divide the tank into two compartments so that at least one-half may be maintained in continuous operation. In lieu of this the borough will be permitted to construct both septic tank units at this time should it be desired.

11018

THIRD: The location of the sludge bed to the north of the septic tanks and on the side adjacent to the public highway is not approved. If this sludge bed should be located on the side of the tanks away from the public highway the danger of formation of odors objectionable to travelers along the highway would be somewhat reduced. Full details of the method of transporting sludge from the septic tanks to the sludge bed shall be submitted to the State Department of Health for approval prior to undertaking construction work.

FOURTH: Records of the operation of the sewer system and sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies thereof shall be filed monthly in the office of the said Department.

FIFTH: The plans for apparatus for treatment of the septic tank effluent with a chemical germicide and of temporary apparatus for aeration of the treated effluent shall be submitted to the State Department of Health for approval prior to undertaking construction work.

SIXTH: For a period of six months after completion the sewage treatment works shall be operated under the responsible supervision of the experts who designed the same or someone equally competent to perform such service in order that the employees of the borough may be instructed in the proper operation of the plant.

SEVENTH: The treatment of the sewage by septic tanks and a chemical germicide shall be considered a temporary measure only. Upon six months notice from the State Department of Health so to do the borough shall undertake construction of the remaining portion of the sewage treatment works in accordance with the plans herein approved or in accordance with such other plan as may at that time appear advisable.

TO BE RECORDED IN ALLEGHENY COUNTY.

* Referred to Mr. Irwin in extra copy of permit

copy
2579
6/15/17

A# 364
A# 366

11

BRENTWOOD SE BRAGE
BRENTWOOD BOROUGH, ALLEGHENY COUNTY

11019

Harrisburg, Pa., June 15th, 1917.

Mr. C. A. Emerson, Jr.,
Acting Chief Engineer.

Dear Sir:-

On June 8th, 1917, application No. 3272 dated May 12th, 1917, was received from the borough of Brentwood, Allegheny County, asking approval of plans for sewage treatment works to be constructed in compliance with the terms of a permit issued to the borough by the State Department of Health on June 6th, 1916.

I have made a study of the plans accompanying the application from the borough of Brentwood and submit herewith a report thereon.

GENERAL CONDITIONS

The borough of Brentwood is one of the newer boroughs in the south hills adjacent to Pittsburgh, having been incorporated out of Baldwin Township in November, 1915. It is entirely residential in character and while only about 90 houses have been erected so far in the newer portion of the borough it promises to be a thriving and populous borough within the next few years.

The borough is divided topographically into two sections by Brownsville Road a much travelled thoroughfare in this district. The eastern section of the borough is tributary to Saw Mill Run and in this portion are located most of the older houses. The western portion of the borough is tributary to Streets Run which enters the Monongahela River about a mile above the Pittsburgh City line. It is in this section of the borough that the land development has been carried on and it is also in this section that the borough has installed sewers and for which it proposes to construct the sewage treatment works, approval of which is now asked.

On June 8th, 1916, a permit was issued to the borough approving the construction of sewers in the district tributary to Streets Run, under the following conditions and stipulations:

FIRST: 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.

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

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

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.

FIFTH: On or before December thirty-first of each year the borough 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 State Department of Health may at all times have full information as to the extent and use of the system.

"SIXTH: Prior to the time of completion of the sewer system, the borough shall provide works for the treatment of the sewage in order that no sewage may be discharged untreated into State waters from the proposed sewer system. The plans for the treatment works shall provide in outline for complete treatment of the sewage and also shall show in detail those portions of the works necessary for the separation of the solids from the liquid portions of the sewage and for the treatment of the solids, in order that these portions of the works may be considered in detail by the State Department of Health, and that when approval of the plans is secured the borough may proceed with the construction in order that same may be completed prior to the time at which the sewers are ready for service.

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

The sewers are now constructed and it is the contention of the borough authorities that the insanitary conditions arising from the use of privies which were constructed merely as temporary measures has reached such a state that the use of the sewer system is essential to the welfare of the community.

The borough, therefore, asks permission to connect the various houses with the public sewers and to use the same while the sewage treatment works proposed is being constructed.

The plans for sewage treatment include two septic tanks, eight contact beds and a sludge bed, but permission is asked to install only one of the septic tanks at present and none of the contact beds and to discharge the effluent therefrom into Streets Run.

The complete treatment plant is designed for 200,000 gallons of sewage per day. The septic tanks will be 90 feet long, 16 feet wide and 5 feet 9 inches deep, having a capacity of 67,500 gallons. Assuming a sewage discharge of 100 gallons

per day from each of the 600 population in the district at present one septic tank would provide a detention period of approximately 27 hours and the sewage flowing through this tank would have a maximum velocity of approximately 4-1/2 feet per hour. The tanks will be of concrete with a reinforced concrete roof, although the details of the reinforcement of the roof is not given. Each tank will have 3 manholes and four 4 inch vent pipes in the roof.

The sewage will reach the plant through an 18 inch outfall sewer and will enter an inlet channel 2 feet wide, 20 feet long and 3 feet deep. No screens are provided in this channel. Passing through the end wall of the septic tank from the inlet channel is a 10 inch inlet which branches into 4 inlets discharging into the tank 3 feet below the flow line following the length of the tank. The sewage will discharge through 4 inch holes 12 inches on center and 2 feet 6 inches below the flow line of the tank, through a concrete wall into an outlet chamber 2 feet wide and 6 feet 3 inches deep. This outlet chamber will have a 9 inch pipe protected by a gate valve to regulate the elevation of sewage level in the septic tank and to allow the discharge from the outlet chamber into a 12 inch pipe which will lead to two valve chambers Nos. 1 and 2, each of which is located between two of the contact beds.

Each septic tank is ^{drained} toward the outlet end having a slope of approximately one foot in 16 and drainage is provided by three 6 inch pipes entering an 8 inch manifold. The outlet

chamber is also provided with an 8 inch drain pipe protected by a 6 inch lift valve. These cleaning pipes are to be connected with a sludge bed, but the plans do not show this connection. From valve chambers Nos. 1 and 2, sewage will flow through a 9 inch pipe to an aerating chamber in which will be located an aerator consisting of a 9 inch upright thin lip pipe. From the aerating chamber will lead a 9 inch effluent carrier which will conduct the sewage to a distributing chamber located in the center of each set of 4 contact beds. In this distributing chamber will be located one of the standard Cameron alternating gear distributors of the float and piston type, which will allow of the discharge of sewage into each of the four beds, in turn allowing one bed to remain empty, a second one full, the third one filling and the fourth one emptying.

The contact beds of which there are 8 provided are to be 31-1/2 feet long, 50 feet wide and 4 feet deep. The nature of the filtering material for these contact beds is not stated, but it is reported that coke breeze is to be used.

Sewage will be discharged onto the surface of the contact beds by means of a 9 inch distributor with seven 8 inch branch distributors to each bed. These branch distributors will be perforated. After passing through the filtering material the sewage will be collected in thirteen 3 inch branch collectors discharging into a 9 inch manifold and thence directly into Streets Run. The beds are to be constructed of concrete with a reinforced concrete roof, but

the details of this reinforcement are not given in the plans submitted.

It is proposed that the tank effluent will be delivered to each bed in turn through its influent valve, the discharge valve meanwhile to be closed. After a bed is filled it is proposed to have it remain quiescent for two hours when the discharge valve will be opened and the filter effluent allowed to discharge. The period of aeration will depend somewhat on the amount of sewage, but allowing a 30 per cent void capacity in the filtering material there will be ample capacity in these beds to take care of 200,000 gallons per day, using six beds instead of eight. This will permit of a considerable resting period.

No details are given of the sludge bed except its size and location. The location of the bed is to the north of the septic tank No. 1 and adjoining the public highway leading from Brentwood to the borough of Hays. While this road is not a much-travelled one it is believed that the location of a sludge bed receiving the septic tank sludge within 30 feet of this road will prove objectionable. Moreover the size of the bed, 300 square feet, is entirely inadequate for the size of the treatment plant proposed.

Beyond stating that the sludge from the septic tanks and from the various cleaning chambers is to be pumped onto the surface of the sludge bed, no details are given.

As stated before the borough desires to construct at present only one of the septic tanks and none of the contact beds.

DISCUSSION

The plans for the complete plant as submitted by the borough are in general satisfactory. Some minor changes should be made to improve the efficiency of the plant. The inlet channel to the septic tanks is liable to prove obnoxious and an improvement in the design could be obtained by raising the elevation of this channel to that of the outlet into the septic tank and providing coarse screens consisting of iron bars placed probably 1-1/2 inches on centers in front of these openings to prevent the ingress of any organic matter into the septic tank.

The drains from the cleansing chambers of the septic tank, the valve chambers Nos. 1 and 2 and aerating chambers Nos. 1 and 2 at present will connect directly to the outlet pipe from the plant and it would be possible by raising the valves in these various chambers to discharge partially treated sewage directly into the stream.

Details should be provided for the sludge bed showing the method of carrying all sludge to this bed and the detail construction of the same. This bed should also be materially increased in size.

The design of the contact beds with their dosing apparatus is satisfactory.

In regard to the request of the borough that they be allowed to construct merely one of the septic tanks at present on account of the stringency in the labor and financial market, it would be well to bear in mind that Streets Run is at present a highly polluted stream and somewhat below the proposed outlet from the Brentwood sewers receiving a considerable amount of mine drainage. It also flows through the borough of Hays where its pollution is considerably increased. Nevertheless the discharge of septic tank effluent into the stream at the point proposed would certainly create a nuisance in this vicinity. Furthermore, the construction of but one septic tank would allow of no facilities for cleaning and at such times it would be necessary to discharge entirely treated sewage into the stream. This difficulty could be obviated by dividing each of the two septic tanks into two compartments. Greater efficiency of operation could be obtained in this way.

There is no question but what the borough is in serious need of sewerage facilities. The portion of the borough in this district is of decidedly the better class and the sanitary facilities provided by privies is unsatisfactory. The houses ^{are} all provided with flush closets and water and with sewer connections as far as the property line. These houses were all built with the understanding that sewers were to be laid and the occupants have been compelled to use outside privies in the meantime. These privies naturally were of temporary construction and should be replaced at the earliest possible moment.

In regard to the labor market it is questionable whether the borough of Brentwood would be able this summer to secure bids from any contractor for the complete construction of this plant at a figure within the resources of the borough on account of the great scarcity of labor in the Pittsburgh district.

I believe, however, that sufficient protection of the public health could be obtained by requiring the borough of Brentwood to immediately commence the construction of the first unit of the septic tank, divided into two compartments as suggested above and provided with means for the application of a chemical germicide.

Considerable time could be saved by permitting the borough of Brentwood to make sewer connections after actual construction had been considered on the septic and germicide treatment plants, since if the borough were compelled to wait for the entire completion of this plant it would be the middle of fall at least before any connections could be made.

RECOMMENDATIONS

In view of the foregoing facts I would suggest for your consideration that a permit be granted to the borough of Brentwood approving the construction of the sewage disposal plant and also permitting the making of connections between individual properties and the sewers now constructed after actual construction of the sewage treatment plant is completed and under the distinct agreement that the construction of this plant shall be completed as promptly as possible to completion.

I would recommend that this permit be issued under the following conditions and stipulations:

FIRST: The borough of Brentwood shall be permitted to discharge sewage from its sewer system into Streets Run only after the following portion of its proposed sewage treatment plant has been completed and ready for use.

SECOND: At least one septic tank divided into two compartments to allow for proper cleaning shall be constructed and the effluent from this tank carried through a chamber in which it shall be treated with a chemical germicide.

The location of the sludge bed shall be changed to the south side of the septic tanks so as to be as far removed as possible from the road bed. The attention of the borough is called to the fact that while this sludge bed is adequate in size for the present population, its size should be largely increased at the time of the full construction of the sewage treatment works.

Full details of the method of carrying the sludge from the septic tanks and cleansing chambers to the sludge bed shall be submitted to the Department of Health for approval, together with the proposed method of distribution of sludge on the bed.

THIRD: Within thirty days of the time of issuance of this permit and before the discharge of any sewage from the borough into the stream, revised plans shall be submitted to the State Department of Health for approval which will include the above changes.

FOURTH: The approval of the treatment of the sewage from the borough of Brentwood by septic tank and chemical germicide only shall be considered temporary and permitted only in view of the extraordinary conditions obtaining in the Pittsburgh district in the labor market. Within eighteen months from date the borough of Brentwood shall complete the installation of the sewage treatment plant as called for in the plans submitted, provided that before that time the borough may file with the Department of Health an application asking for an extension of time in case the present conditions of the labor market do not improve.

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

Respectfully submitted,

H. P. Drake

Assistant Engineer.

DE2f

PERMIT NO. 2759

**BRENTWOOD SANITARY SEWERS IN DISTRICT 2 AND 3
ISSUED NOVEMBER 10, 1921**

11030

26/8

Public

SEWERAGE APPLICATION

NAME Brentwood .PLACE..... COUNTY Allegheny

APPLICATION NO. 3646 .DATED 9/11/19 .RECEIVED 10/2/19

REQUEST Approval of plans for Sanitary Sewer system - District No 2.

ASSIGNED TO Drake .DATE 1919 .FIELD INSPEC. DATE.....

REPORT BY Drake .DATED 11/21/19 .SUBMITTED TO CHIEF.....

RECOMMENDS GRANTING APPROVAL.....

WITHHOLDS APPROVAL OF

ENGINEER'S STUDY NO. 3200 .DATED 10/22/19

SENT TO COMMISSIONER

RETURNED, SIGNED BY GOV. & ATTY. GENL...

PERMIT DATED 11-10-21

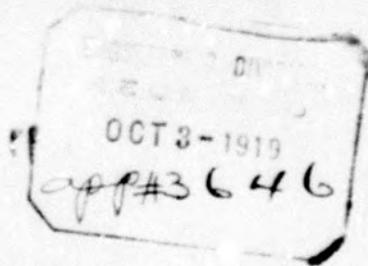
SENT TO COMMISSIONER 11-14-21

RETURNED FROM COMMISSIONER 11-15-21 .MAILED TO Crawford, etc.

DATE 11-16-21

REMARKS.....

KEEP THIS MEMO. ATTACHED TO APPLICATION



COMMONWEALTH OF PENNSYLVANIA.

DEPARTMENT OF HEALTH.

Application from Brentwood Borough
Name of Municipal Corporation

Relative to Sewerage and Sewage Disposal.

Sept. 11 1949

Edward Martin

TO THE HONORABLE ~~Samuel G. Dixon~~
Commissioner of Health, Harrisburg, Pa.

DEAR SIR:

Under authority of law, act No. 182 of the acts of the Assembly of Pennsylvania, approved April 22d, 1905,—which prescribes that "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 exception shall not permit the discharge of sewage from the sewer system which shall be extended subsequent to the passage of this act," and which further prescribes, that whenever the general interests of the public health would be subserved thereby, upon application duly made to him, by the public authorities having by law the charge of the sewer system of any municipality, otherwise prohibited by law from discharging sewage into any of the waters of the State, 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; and which still further prescribes, that "No sewer system shall be exempt from the provisions of this act, against the discharge of sewage into the waters of the State, for which a satisfactory report shall not be filed with the Commissioner of Health"—we hereby give notice of our desire to extend sewerage and sewage disposal in the

Borough of Brentwood
(City, Borough or Township)

county of Allegheny and herewith submit our application for such permit, accompanied by a certified copy of the plans, surveys and a full description of the proposed extension, together with such other information as the attached forms call for.

The Commissioner of Health cannot issue a permit until a system is agreed upon by the Governor and Attorney General.

The undersigned being the public authorities having by law the charge of the sewer system for ~~the~~ ~~of~~ of the Borough of Brentwood a part (City, Borough or Township)

hereby make application for a permit to extend the system and discharge the sewage ~~into~~ ~~into~~ untreated

from said sewer system into Saw Mill Run within the limits of Brentwood Borough (City, Borough or Township)

shown on accompanying plan entitled and thereupon respectfully represent:

{ Borough of Brentwood
Allegheny County Pa
Plan of Sanitary Sewer System
District No. 2.

Wherefore the said authorities, showing that the general interests of the public health would be subserved thereby, respectfully pray that a permit be issued for said extension and the discharge of sewage as aforesaid.

A. J. Ryan

President.

Sept 11

1909.

(Municipal Seal)

Crawford Scott

Clerk

State of Pennsylvania,

County of Allegheny } ss:

Crawford Scott being duly ~~sworn~~ according to law, deposes and says that the foregoing application is made in pursuance of a resolution duly adopted by the Borough of Brentwood (City, Borough or Township) and approved by the president thereof, on the 11th day of September 1909, and that the statements contained in said application are true.

Sworn to and subscribed before me this 11th day of September 1909.

Crawford Scott

J. J. McGovern
Notary Public.

My commission expires Feb. 14, 1921.

(Seal.)

WHERE THE SYSTEM IS TO BE SANITARY ONLY.

- 24. Range in the sizes of proposed sewers? 8 inch to 12 inch
- 25. Total length of different sizes? 8840 lin. ft. of 8" Pipe
819 lin. ft. of 10" Pipe
1035 .. " " 12" Pipe.
- 26. How are the sewers to be flushed? Grades are very Steep, and no flushing is required.
- 27. Are sewers to be underdrained? No. If so, to what extent? ---
- 28. How are the sewers to be ventilated? Perforated Manhole and Lampole Covers.

WHERE THE SYSTEM IS TO BE COMBINED.

- 29. Range in sizes? _____
- 30. Total length of different sizes? _____
- 31. Territory of surface to be drained? _____
Urban, in acres, _____
Suburban, in acres, _____
Rural, in acres, _____
- 32. Quantity of storm water for which system is designed? _____
- 33. Based on what? _____
- 34. Give description with detailed plans and location, of all storm water overflows, with estimate of flow necessary to cause the sewers to overflow at each such point. _____

SEWAGE PURIFICATION WORKS.

- 35. Kind of purification works proposed? _____

- 36. Nominal capacity of plant? _____
- 37. Quantity of sewage to be treated? _____
- 38. Distance of proposed works from buildings and residences? _____
- 39. Send in plans and specifications of the works as proposed, with full description of method of operation.

- 40. Number of filters, size, depth, character and size of filtering material?

- 41. Quantity of sewage dose intended? _____
- 42. How regulated?

- 43. Proposed frequency of doses? _____

- 44. Size of filter underdrains and effluent how to be disposed of?

45. Is the plant to be operated continuously or intermittently?

46. How many hours each day?

47. Dimensions and description of storage, settling, or septic tanks?

48. Maximum rate of velocity through tanks?

49. Method of cleaning out tanks?

50. Maximum rate of filtration proposed at any time during day?

51. Proposed efficiency?

52. If plant is to be built by private company, what guarantee of efficiency is contemplated, and what arrangement, if any, is to be made to determine such efficiency?

53. Who is to have management of the plant?

54. Remarks.

FINAL DISPOSAL OF TREATED OR UNTREATED SEWAGE

55. Name the stream or water into which the sewage, treated or untreated, is to go.

Saw Mill Run

56. Is there a dam across the stream? *No*. Where with respect to the said sewer outlet or outlets? _____

57. How far up stream does the back water from the dam extend at times of normal dry weather flow? _____

58. Make a sketch showing position and elevataion of proposed outlets with respect to high and low water. _____

59. Average depth of water at outlets and average and minimum velocity of current? _____

60. Remarks, _____

61. To whom shall future correspondence be addressed? *T.J. McGovern Boro. Engineer
300 Brownsville Road
Mt-Oliver Sta
Pgh. Pa.*

62. General Remarks:

T. J. McGovern *Baro. Eng.*
Municipal authority for above information

Date, *Sept. 11-1919.*

Attest:

Crawford Scott Clerk.

(Municipal Seal)

State of Pennsylvania,

County of Allegheny

} ss:

Personally appeared before me, a Notary Public in and for said county and State,
Mr. A. J. Regan and Mr. Crawford Scott
President and Clerk of the Borough Council of Brentwood
who being by me duly sworn did depose and say that the facts set forth in the foregoing
answers and the plans accompanying the same and made a part thereof, are true and correct.

Sworn to and subscribed before me this 11th
day of September 1919

A. J. Regan
Crawford Scott

W. J. Mc Gowan
Notary Public.

My Commission expires Feb. 14. 1921.

(Seal)

12. Submit plans, showing proposed system, including areas which now and ultimately will drain into each main sewer, together with size, grade and material. Show elevations of proposed sewers, also indicate in a general way the topography of the proposed sewer districts. Show annual and extraordinary freshet elevations of streams. Plans to be titled, dated, signed and have a scale and north point, ✓

13. Approximate number of cesspools in use in proposed district, None

14. Approximate number of privies in use in said district? None

POPULATION.

15. Present population of sewer district for which sewers are proposed? 20

16. Total area of sewer district for which sewers are proposed? _____

17. If proposed sewers are for whole municipal territory, give municipal population for 1905, _____

1900, _____

1890, _____

1880, _____

1870, _____

CONNECTIONS.

18. Number of sewer connections possible in proposed district? 200

19. Same in respect to factories and industrial, _____

20. Number of connections expected first year? 50

MANUFACTORIES.

21. What disposition is now made of the sewage or wastes from factories or other industrial plants not connected with sewers? _____

SEWAGE.

22. Estimated quantity of domestic sewage? 80,000 Gallons per day

23. Quantity of manufacturing liquid wastes? _____

INFORMATION REQUIRED.

Note.—These questions are framed to cover the introduction of a new system of sewers with or without sewage treatment works, or the addition to existing sewers of a sewage purification plant, or the extension of the existing sewers with the disposal of untreated sewage into any waters. Therefore, answers to only such questions as are relative to the particular case in hand are requested. It is assumed that the information required by the Commissioner of Health, of municipal corporations, relative to sewerage and sewage disposal where such system was installed prior to April 22, 1905, has been heretofore submitted.

GENERAL.

1. Is the proposed system for a part or the whole of the municipal territory? _____
This System is for a part of Brentwood Borough
2. Describe boundaries of the proposed sewer district. _____
Brownsville Road on the East.
Clairton Road " " West
Hardy Ave. " " North
Benson Ave " " South
3. Are there any sewers in the proposed district, either public or private, besides those herein proposed? *No*
4. If so, how many buildings are connected with them? _____
5. Give the location on a plan of these individual sewers and their outlets, _____
6. Are there any individual drains for the removal of storm water? *No*
7. Do these drains receive house sewage? _____
8. If so, give location on plan of these drains and their outlets, _____
9. Number of miles of sewers proposed? *2 Miles*
10. Is sewage to be treated? *No*
11. Is the sewage to be pumped? If so, describe how, _____

Form T. E. D.

11043

NOV 21 1907
app# 3666

COMMONWEALTH OF PENNSYLVANIA.

DEPARTMENT OF HEALTH.

Application from Brentwood Borough
(Name of Municipal Corporation)

Relative to Sewerage and Sewage Disposal.

Date of Execution Nov. 13/1907
October 2 1907

Eduard Quastler

TO THE HONORABLE ~~James G. Dixon~~
Commissioner of Health, Harrisburg, Pa.

DEAR SIR:

Under authority of law, act No. 182 of the acts of the Assembly of Pennsylvania, approved April 22d, 1905,—which prescribes that "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 exception shall not permit the discharge of sewage from the sewer system which shall be extended subsequent to the passage of this act," and which further prescribes, that whenever the general interests of the public health would be subserved thereby, upon application duly made to him, by the public authorities having by law the charge of the sewer system of any municipality, otherwise prohibited by law from discharging sewage into any of the waters of the State, 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; and which still further prescribes, that "No sewer system shall be exempt from the provisions of this act, against the discharge of sewage into the waters of the State, for which a satisfactory report shall not be filed with the Commissioner of Health"—we hereby give notice of our desire to extend sewerage and sewage disposal in the

Borough of Brentwood
(City, Borough or Township.)

county of Allegheny and herewith submit our application for such permit, accompanied by a certified copy of the plans, surveys and a full description of the proposed extension, together with such other information as the attached forms call for.

The Commissioner of Health cannot issue a permit until a system is agreed upon by the Governor and Attorney General.

11044

The undersigned being the public authorities having by law the charge of the sewer system for { the whole or a part } of the Borough of Brentwood (City, Borough or Township)

hereby make application for a permit to extend the system and discharge the sewage { treated or untreated } from said sewer system into Scotts Run within the limits of Baldwin Township as shown on accompanying plan entitled

and thereupon respectfully represent:

Borough of
"Brentwood"
Allegheny County, Pa.
Plan of Sanitary Sewer System
"District No. 3"
Oct. 1919 T. J. McGovern
Borough Engineer

11046

State of Pennsylvania,

County of Allegheny } ss:

Crawford Scott being duly sworn according to law, de-

poses and says that the foregoing application is made in pursuance of a resolution duly adopted by the Borough Council of Brentwood
(City, Borough or Township.)

and approved by the President thereof, on the 9th day of October 1962, and that the statements contained in said application are true.

Sworn to and subscribed before me this 13th day of November 1962.

Crawford Scott

J. J. McNamee
Notary Public.

My commission expires, Feb 14 1971

(Seal.)

INFORMATION REQUIRED.

Note.—These questions are framed to cover the introduction of a new system of sewers with or without sewage treatment works, or the addition to existing sewers of a sewage purification plant, or the extension of the existing sewers with the disposal of untreated sewage into any waters. Therefore, answers to only such questions as are relative to the particular case in hand are requested. It is assumed that the information required by the Commissioner of Health, of municipal corporations, relative to sewerage and sewage disposal where such system was installed prior to April 22, 1905, has been heretofore submitted.

GENERAL.

1. Is the proposed system for a part or the whole of the municipal territory?
*The proposed system is for a part of the
 Borough - District No. 3.*
2. Describe boundaries of the proposed sewer district.
*Brownsville Road on the West
 Brentwood Road on the East
 East Francis Ave on the North
 Hen-Lue Ave. on the South*
3. Are there any sewers in the proposed district, either public or private, besides those herein proposed? *No*
4. If so, how many buildings are connected with them? *—*
5. Give the location on a plan of these individual sewers and their outlets. *—*
6. Are there any individual drains for the removal of storm water? *— No*
7. Do these drains receive house sewage? *—*
8. If so, give location on plan of these drains and their outlets. *—*
9. Number of miles of sewers proposed? *2/3 of a Mile*
10. Is sewage to be treated? *Yes*
11. Is the sewage to be pumped? If so, describe how, *—*

12. Submit plans, showing proposed system, including areas which now and ultimately will drain into each main sewer, together with size, grade and material. Show elevations of proposed sewers, also indicate in a general way the topography of the proposed sewer districts. Show annual and extraordinary freshet elevations of streams. Plans to be titled, dated, signed and have a scale and north point. ✓

13. Approximate number of cesspools in use in proposed district, None

14. Approximate number of privies in use in said district? None

POPULATION.

15. Present population of sewer district for which sewers are proposed? None

16. Total area of sewer district for which sewers are proposed? 11 Acres.

17. If proposed sewers are for whole municipal territory, give municipal population for 1905, —

1900, —

1890, —

1880, —

1870, —

CONNECTIONS.

18. Number of sewer connections possible in proposed district? 83

19. Same in respect to factories and industrial, —

20. Number of connections expected first year? 30

MANUFACTORIES.

21. What disposition is now made of the sewage or wastes from factories or other industrial plants not connected with sewers? —

SEWAGE.

22. Estimated quantity of domestic sewage? 30000 gallons per day

23. Quantity of manufacturing liquid wastes? —

WHERE THE SYSTEM IS TO BE SANITARY ONLY.

24. Range in the sizes of proposed sewers? all Eight inch Pipe

25. Total length of different sizes? 3,332 lin. ft. of 8 Inch Pipe

26. How are the sewers to be flushed? Hand Flushing.

27. Are sewers to be underdrained? No. If so, to what extent? _____

28. How are the sewers to be ventilated? Perforated Manhole and Lamphole covers

WHERE THE SYSTEM IS TO BE COMBINED.

29. Range in sizes? _____

30. Total length of different sizes? _____

31. Territory of surface to be drained? _____

Urban, in acres, _____

Suburban, in acres, _____

Rural, in acres, _____

32. Quantity of storm water for which system is designed? _____

33. Based on what? _____

34. Give description with detailed plans and location, of all storm water overflows, with estimate of flow necessary to cause the sewers to overflow at each such point. _____

SEWAGE PURIFICATION WORKS.

35. Kind of purification works proposed? *We propose to connect into present Septic Tank which was constructed in 1917.*

36. Nominal capacity of plant? _____

37. Quantity of sewage to be treated? _____

38. Distance of proposed works from buildings and residences? _____

39. Send in plans and specifications of the works as proposed, with full description of method of operation. _____

40. Number of filters, size, depth, character and size of filtering material? _____

41. Quantity of sewage dose intended? _____

42. How regulated? _____

43. Proposed frequency of doses? _____

44. Size of filter underdrains and effluent how to be disposed of? _____

45. Is the plant to be operated continuously or intermittently? _____

46. How many hours each day? _____

47. Dimensions and description of storage, settling, or septic tanks? _____

48. Maximum rate of velocity through tanks? _____

49. Method of cleaning out tanks? _____

50. Maximum rate of filtration proposed at any time during day? _____

51. Proposed efficiency? _____

52. If plant is to be built by private company, what guarantee of efficiency is contemplated, and what arrangement, if any, is to be made to determine such efficiency? _____

53. Who is to have management of the plant? _____

54. Remarks. _____

FINAL DISPOSAL OF TREATED OR UNTREATED SEWAGE

55. Name the stream or water into which the sewage, treated or untreated, is to go.
Scotts Run - Streets Run - Moningabela River
at [unclear]

55. Is there a dam across the stream? Yes Where with respect to the said sewer outlet or outlets? _____

57. How far up stream does the back water from the dam extend at times of normal dry weather flow? _____

58. Make a sketch showing position and elevation of proposed outlets with respect to high and low water. _____

59. Average depth of water at outlets and average and minimum velocity of current? _____

60. Remarks. _____

61. To whom shall future correspondence be addressed? T. J. McGovern
Borough Engineer, 360 Brunswick Road
Mt Oliver Sta. Pa.

62. General Remarks:

District No. 3 is a new Plan of lots
Laid out in 1919. At present there are
22 Houses under Construction, which will be ready
for occupancy April 1, 1920.

At Present there are Sanitary Sewers in the Brightside
Plan which is directly north and adjoining District No. 2.

These sewers are shown in green on the Map of Brentwood Boro.
There are about 34 Houses connected into these sewers. These
Sewers were constructed by the Land Co. in 1904

There are also some Sanitary Sewers directly south of District
No. 2 which were constructed by the Land Co several years ago,
but as yet I have been unable to get the exact location of same.
These sewers are in "Bennett-Woods Plan" and "Woodford Place Plan"

Brentwood Borough was incorporated out of a Part of Baldwin
Township in January 1906.

J. J. McGovern, Borough Engineer
Municipal authority for above information

Date, October 9, 1919.

Attest:

Bradford Scott Clerk.

(Municipal Seal.)

State of Pennsylvania,
County of Allegheny } ss:

Personally appeared before me, a Notary Public in and for said county and State,
Mr. L. J. Regan and Mr. Crawford Scott
President and Clerk of the Borough Council of Brentwood
who being by me duly sworn did depose and say that the facts set forth in the foregoing
answers and the plans accompanying the same and made a part thereof, are true and correct.

Sworn to and subscribed before me this 13th
day of November 1919

L. J. Regan
Crawford Scott

J. J. McBover
Notary Public.

My Commission expires Feb. 14, 1921.

(Seal.)



Application: Sept. 11, 1919.....No. 3646 ✓ Name.....

Issued: Nov. 10, 1921..Vol. 38...No. 2739. Place..Brentwood.....

Recorded: ^{Book} Dec. 9, 1921..Vol. 2173..Page 274..County..Allegheny.....

Report by...Drake.....No. 3200...Vol. 106 | File No. 2600

Conditions and Stipulations | Disposition

requesting approval of plans of sewers in districts No. 2 and 3, and for permission to discharge untreated sewage into the waters of the State,

The plans submitted with the application**

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 approval of plans of sewers in districts No. 2 and 3 and for permission to discharge untreated sewage into the waters of the state, under certain conditions.

Approval is therefore hereby given for sewers in districts no. 2 and 3, as shown on plans entitled, "Borough of Brentwood, Allegheny County, Pa. Plan of Sanitary Sewer System District No. 2", dated September 1919, bearing the name of T. J. McGovern, Boro. Engineer, and received in the office of the State Department of Health September 11, 1919; also plans entitled, "Brentwood Borough situated in Allegheny County, Pennsylvania", dated March 1915 and bearing the name of Wm. McClurg Donley, Civil Engineer, and "Sanitary Sewers" dated October 1919, and bearing the name of T. J. McGovern, Borough Engineer; also plans entitled, "Borough of Brentwood, Allegheny Co., Pa. Plan of Sanitary Sewer System, District No. 3", dated October 1919, bearing the name of T. J. McGovern, Boro. Engineer, and received in the office of the State Department of Health November 13, 1919, and also granting permission for the discharge of untreated sewage into a tributary of Saw Mill Run and of partially treated sewage into Scott's Run and a permit issued therefor, subject to the following conditions:

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

SECOND: The approval herein given of the sewer plans and the permission herein granted for discharge of untreated sewage into the

Conditions and Stipulations

State are conditioned upon the borough of Brentwood either (a) executing an agreement with the other municipalities which do or may discharge sewage directly or indirectly to Saw Mill Run for the disposal of sewage by means of an outfall sewer to be constructed along Saw Mill Run to convey the sewage to the Ohio River or (b) submitting to the State Department of Health, plans for a sewage treatment works sufficient to produce an effluent which will not create any nuisance or become a menace to health if discharged into Saw Mill Run.

THIRD: The conditional right herein granted to discharge untreated sewage into Saw Mill Run, shall cease on December 31, 1922, provided, however, that if on that date the conditions of this permit ^{shall} have been fulfilled to the satisfaction of the Commissioner of Health and the borough shall have submitted evidence to the said Commissioner that satisfactory arrangements have been made for the proper disposal of sewage, then upon proper application by the municipality there may be granted an extension of time during which sewage may continue to be discharged into the waters of the State.

FOURTH: On or before March 31, 1922, the borough shall submit to the State Department of Health a report setting forth which alternative project given in the first condition they have elected to adopt to provide for the proper disposal of sewage so as to prevent the discharge of untreated sewage from the public sewers of the borough of Brentwood to Saw Mill Run.

FIFTH: If the third condition of this permit is not complied with to the satisfaction of the Commissioner of Health, then the herein conditionally granted permission to lawfully discharge untreated sewage into the waters of the State shall forthwith cease and terminate.

SIXTH: The use of the herein approved sewers of District No. 3 and the discharge of sewage therefrom to the existing sewage treatment works is conditioned upon the proper and efficient operation of the existing sewage treatment works. The condition of the said works is such that a satisfactory effluent is not obtained. The sludge and scum in the sedimentation tank shall forthwith be removed and disposed of in a place and manner as approved or directed by the State Department of Health. If after this work is completed and the effluent is not satisfactory to the State Department of Health, then the borough shall adopt such

Nov. 13, 1919-Rec'd Nov. 17, 1919- 3666

Rec'd Oct. 3, 1919

Appendix A-20-b 11057

Application, Sept. 11, 1919 No. 3646

Issued, Nov. 10, 1921 Vol. 38 No. 2759

Recorded, Vol. Page

County Allegheny

Report by, Drake No. 3200 Vol. 106

File No. 2600

Conditions and Stipulations

Disposition

may be necessary to accomplish the required quality of effluent.

SEVENTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies thereof shall be filed monthly in the office of said Department.

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 public health, the municipality shall forthwith adopt such remedial measures as the State Department of Health may advise or approve.

TO BE RECORDED

11038

Application Sept. 11, 1919 No. 3646
 Issued NOV. 10, 1921 Book Vol. 38 No. 2759
 Recorded Dec. 9, 1921 Vol. 2073 Page 504
 Report by Drake No. 3200 Vol. 106

Name _____
 Place Brentwood
 County Allegheny
 File No. 2600

Conditions and stipulations

Disposition

***requesting approval of plans of sewers in Districts No. 2 and 3, and for permission to discharge untreated sewage into the waters of the State. ***

The plans submitted with the application*****

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 approval of plans of sewers in Districts No. 2 and 3 and for permission to discharge untreated sewage into the waters of the State, under certain conditions.

Approval is therefore hereby given for sewers in Districts No. 2 and 3, as shown on plans entitled, "Borough of Brentwood, Allegheny County, Pa. Plan of Sanitary Sewer System District No. 2", dated September 1919, bearing the name of T. J. McGovern, Boro. Engineer, and received in the office of the State Department of Health September 11, 1919; also plans entitled, "Brentwood Borough situated in Allegheny County, Pennsylvania", dated March 1915 and bearing the name of Wm. McClurg Donley, Civil Engineer, and "Sanitary Sewers" dated October 1919, and bearing the name of T. J. McGovern, Borough Engineer; also plans entitled, "Borough of Brentwood, Allegheny Co., Pa. Plan of Sanitary Sewer System, District No. 3", dated October 1919, bearing the name of T. J. McGovern, Boro. Engineer, and received in the office of the State Department of Health November 13, 1919, and also granting permission for the discharge of untreated sewage into a tributary of Saw Mill Run and of partially treated sewage into Scott's Run, and a permit issued therefor, subject to the following conditions:

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

SECOND: The approval herein given of the sewer plans and the permission herein granted for discharge of untreated sewage into the waters of the

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State are conditioned upon the borough of Brentwood either (a) executing an agreement with the other municipalities which do or may discharge sewage directly or indirectly to Saw Mill Run for the disposal of sewage by means of an outfall sewer to be constructed along Saw Mill Run to convey the sewage to the Ohio River or (b) submitting to the State Department of Health, plans for a sewage treatment works sufficient to produce an effluent which will not create any nuisance or become a nuisance to health if discharged into Saw Mill Run.

THIRD: The conditional right herein granted to discharge untreated sewage into Saw Mill Run, shall cease on December 31, 1922, provided, however, that if on that date the conditions of this permit shall have been fulfilled to the satisfaction of the Commissioner of Health and the borough shall have submitted evidence to the said Commissioner that satisfactory arrangements have been made for the proper disposal of sewage, then upon proper application by the municipality there may be granted an extension of time during which sewage may continue to be discharged into the waters of the State.

FOURTH: On or before March 31, 1922, the borough shall submit to the State Department of Health a report setting forth which alternative project given in the second condition they have elected to adopt to provide for the proper disposal of sewage so as to prevent the discharge of untreated sewage from the public sewers of the borough of Brentwood to Saw Mill Run.

FIFTH: If the third condition of this permit is not complied with to the satisfaction of the Commissioner of Health, then the herein conditionally granted permission to lawfully discharge untreated sewage into the waters of the State shall forthwith cease and terminate.

SIXTH: The use of the herein approved sewers of District No. 3 and the discharge of sewage therefrom to the existing sewage treatment works is conditioned upon the proper and efficient operation of the existing sewage treatment works. The condition of the said works is such that a satisfactory effluent is not obtained. The sludge and scum in the sedimentation tank shall forthwith be removed and disposed of in a place and manner as approved or directed by the State Department of Health. If after this work is completed and the effluent is not satisfactory to the State Department of Health, then the borough shall adopt such remedial measures as may be necessary to accomplish the required quality of effluent.

Application	Sept. 11, 1919	No. 3545	Name	
Issued	Nov. 10, 1941	Vol. 39	No. 2759	Place
Recorded		Vol.	Page	County
Report by	Drake	No. 3200	Vol. 106	File No.

Conditions and Stipulations

Disposition

SEVENTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies thereof shall be filed monthly in the office of said Department.

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 public health, the municipality shall forthwith adopt such remedial measures as the State Department of Health may advise or approve.

TO BE RECORDED

T. J. MCGOVERN
CIVIL AND MINING ENGINEER
MT. OLIVER STA., PITTSBURGH, PA.

11061

BRENTWOOD BOROUGH
ENGINEER FOR
MOUNTAIN STATE
ENGINEER FOR
BALDWIN TWP.

FOR BROWNVILLE ROAD
RECEIVED
NOV 17 1919
app # 3666

Knoxville Borough, Pa.
November 15th. 1919.

To the Honorable Edward Martin,
Commissioner of Health,
Harrisburg, Pa.

Dear Sir:-

Enclosed please find application from Brentwood Borough, Allegheny County, Penna., asking for a permit for the construction of Sanitary Sewers in District No. 3. I am sending the plans for same by separate mail.

In accordance with my letter of September 30th. 1919, I am also sending by the same mail a map of Brentwood Borough, showing all of the Sewer Districts, and also Sewers laid by the Brightside Land Company about 1904.

Respectfully yours,

T. J. McGovern
Borough Engineer.

NAME Brentwood PLACE COUNTY Allegheny

APPLICATION NO. 3666 DATED Nov. 13th/19 RECEIVED Nov. 17, 1919

REQUEST Approval of plans for sanitary sewer system for District No 3.

ASSIGNED TO Drake DATE 11/19/19 FIELD INSPECTION DATE

REPORT BY DATED SUBMITTED TO CHIEF

RECOMMENDATIONS GRANTING APPROVAL OF

WITHHOLDS APPROVAL OF

ENGINEER'S STUDY NO. DATED

SENT TO COMMISSIONER RETURNED, SIGNED BY GOV. & CITY GENL.

PERMIT DATED SENT TO COMMISSIONER

RETURNED FROM COMMISSIONER MAILED TO

DATE

REMARKS

KEEP THIS MEMO ATTACHED TO APPLICATION

11063

WVS
10/20/19

BRENTWOOD SEWERAGE
BRENTWOOD BOROUGH, ALLEGHENY COUNTY

November 21st, 1919

On October 5th, 1919 the borough of Brentwood, Allegheny county made application No. 3646 dated September 11th, 1919 asking approval for the construction of sanitary sewers in drainage district No. 2. On October 3rd, 1919 blue prints were received showing the sewers for which approval was asked.

On November 17th, 1919 the borough of Brentwood made application No. ~~3666~~ dated November 13th, 1919 asking for approval of sanitary sewers in district No. 3. This application was also accompanied by plans of the proposed construction.

I have made a field investigation covering the location of the proposed sewers and studied the plans submitted and tender herewith a report thereon.

GENERAL CONDITIONS

The borough of Brentwood is located in the south hills adjacent to Pittsburgh. It was incorporated as a borough in November 1915 out of Baldwin township.

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The borough is located on a ridge which drains partly into a tributary of Saw Mill Run and partly into Scotts Run which in turn is tributary to Hays Run discharging into the Monongahela River at Hays borough. The community is entirely residential in character and is of typical land company development.

On June 6th, 1916 a permit was issued to the borough approving the construction of sanitary sewers in district No. 1 known as the Streets Run District under certain conditions and stipulations. On July 19th, 1917 a permit was issued approving a sewage disposal plant for district No. 1. The plans for this disposal plant include two septic tanks, contact beds and sludge bed. Owing to the small population of the borough and also to the fact that the stream receiving the sewage from this district was already highly polluted and also impregnated with mine water the Department issued a permit approving the construction of septic tanks only providing that upon six months' notice from this Department the borough should forthwith take steps to construct the balance of the disposal plant.

The present condition of the stream below the disposal plant is not satisfactory, the effluent from the plant is highly septic and decidedly objectionable especially in view of its close proximity to a highway. At the time of the last inspection of this plant it was found that since its construction no sludge had been removed and no attention

had been paid to the plant whatever. This is probably due to defects in operation only and with more careful supervision the nuisance will be entirely obviated.

There are at present but 500 people contributing to this disposal plant, consequently it is not over loaded.

The application for district No. 2 includes 8840 feet of 8 inch pipe, 919 feet of 10 inch and 1035 feet of 12 inch pipe. It is proposed to discharge the sewage from this system into a branch of Wayman Run which in turn discharges into Saw Mill Run at Fairhaven, Baldwin township. At present there is no development between the proposed point of discharge and the mouth of Wayman Run.

To the north of district No.2 is the Brightside plan of lots. This plan of lots was developed in 1904 by a land company and sewers constructed discharging into the run at the corner of Lawrence Avenue and Cramer Avenue. It is proposed to carry this outlet down to the outfall sewer from district No.2 making the discharge of both districts at the same point.

The sewers as proposed will have ample grade and capacity to perform the functions for which they are designed. It is not proposed however to treat this sewage in any way. While the amount of the discharge of sewage in this district will be small owing to the fact that the maximum number of sewer connections in the district cannot exceed 200, the

effect of this discharge into a tributary of Saw Mill Run should be carefully considered in view of its relation to the Department's policy in the Saw Mill Run district. It is probable within the next two years that the city of Pittsburgh will construct an intercepting sewer along Saw Mill Run from its mouth to the city line and that the contiguous municipalities will continue this sewer to Fairhaven and possibly Castle Shannon. When this time is reached the proposed outfall sewer from district No. 2 should be carried down the Saw Mill Run valley and connected with the proposed interceptor.

District No. 3 is a small territory bounded by Brownsville Road on the west, Brentwood Road on the east, East Francis Avenue on the north and Ben-Lue Avenue on the south. The territory is small and the maximum number of sewer connections possible is 23. At present there are no houses constructed and if development is not more rapid than in the balance of the borough of Brentwood, the amount of sewage coming from the district will be small.

The total length of pipe proposed is approximately 3300 feet of 8 inch. The grades on all these sewers are ample and the manholes are properly placed. It is proposed to discharge the sewage from this district into the main interceptor from the borough of Brentwood to the municipal disposal plant. As pointed out above it is

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believed that with proper supervision the disposal plant is adequate in size to take care of the slight additional sewage from district No. 3.

In view of the foregoing facts, I respectfully suggest that a permit be issued to the borough of Brentwood approving the construction of sewers in district No. 2 as covered in the borough's application dated September 11th, 1919 and as shown on the accompanying blue prints received the same day, also that approval be given for the construction of sewers in district No. 3 as outlined in the application of November 13th, 1919 and indicated by blue prints received the same day, under the following conditions and stipulations:-

- FIRST:** All relevant conditions and stipulations of previous permits relative to sewerage issued by the Commissioner of Health to the borough of Brentwood shall continue in full force.
- SECOND:** The borough's attention is called to the fact that the city of Pittsburgh is at present undertaking the construction of an intercepting sewer the entire length of Saw Mill Run from its mouth to the city line of Reftectorville. It is suggested that the borough cooperate with the city of Pittsburgh and such other municipalities as border on Saw Mill Run.

THIRD: This permit is conditioned upon the borough of Brentwood either reaching an agreement with the city of Pittsburgh and other interested municipalities for the disposal of its sewage or upon the borough's disposing of its sewage in some other manner than discharging it untreated into Saw Mill Run.

FOURTH: The right herein granted to discharge sewage untreated directly or indirectly into Saw Mill Run or tributaries shall cease on December 31st, 1922; provided, however, that if on that date the borough can produce evidence to the effect that satisfactory arrangements have been made for the disposal of its sewage, upon proper application by the borough there may be granted an extension of time during which sewage may continue to be discharged into State waters.

FIFTH: The discharge of sewage from district No. 3 into the present disposal plant shall be permitted contingent upon the proper operation of the municipal disposal plant. The condition of this plant at present is such that a proper effluent is not obtained. The borough shall take steps at once to remove the sludge and scum from this tank disposing of it under the direction of this Department. If,

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after this step has been taken the supervision over the plant is sufficient to give proper treatment and turn out a satisfactory effluent the continued discharge of sewage from district No. 3 shall be allowed. If, however, these conditions do not obtain, the borough shall take such steps as are necessary to insure a stable and non-objectionable effluent.

SIXTH: Daily records of the operation of the sewage treatment works shall be kept on forms satisfactory to the State Department of Health and copies thereof shall be filed monthly in the office of said Department.

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

Respectfully submitted,

Assistant Engineer.

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PERMIT NO. 3700

**BRENTWOOD MAIN TRUNK SEWER IN THE SAW MILL
RUN DRAINAGE BASIN**

ISSUED DECEMBER 8, 1926

Form 803

Application Sept. 10, 1925 No. 5031 Name _____

Issued December 8, 1926 Vol. 144 No. 3700 Price _____ Rentwood

Recorded Jan. 7, 1927 Vol. 2304 Page 173 County Allegheny

Report by Wickersham Vol. 4150 Vol. 144 File No. _____

Conditions and Stipulations

Disposition

is requesting approval of the construction and use of a main trunk intercepting sewer in the Saw Mill Run Drainage Basin extending from Bethel Township to the Ohio River and to be built and operated by the City of Pittsburgh jointly with eight other municipalities situate within said Saw Mill Run Drainage Basin, in accordance with the provisions of the Administrative Code approved June seventh, one thousand nine hundred and twenty-three.

which indicate that Saw Mill Run is a stream rising in Bethel Township, Allegheny County, and flowing in a general northerly direction for about eight miles to the Ohio River with which it connects within the City of Pittsburgh; that on the drainage area of this stream there are a number of municipalities whose drainage reaches the main stream or its tributaries; that a decidedly insanitary condition exists because of the discharge of sewage into the main stream or its tributaries; that a study was undertaken to determine the necessary measures to eliminate the insanitary conditions existing; that as a result on October thirty-first one thousand nine hundred and twenty-five an agreement was effected between the City of Pittsburgh and the Boroughs of Dormont, Knoxville, Mt. Oliver, Overbrook, Carrick, Brentwood and Castle Shannon and the Township of Mt. Lebanon to provide for the construction, distribution of cost, maintenance and repairs of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel Township to the Ohio River; that said agreement provided for dividing the proportionate parts of the cost of the construction of the intercepting sewer among the contracting communities; that it also provides that in case the City of Pittsburgh should hereafter decide to construct a sewage disposal plant wherein the sewage from Saw Mill Run Drainage Basin shall be treated, the construction, maintenance and repairs of both the plant and sewers carrying the sewage to and from same shall be made by the City of Pittsburgh and the cost of both the construction, maintenance and repairs of said disposal plant and sewers leading from and thereto shall be distributed pro rata among the communities located in the Saw Mill Run Drainage Basin; that each of the several contracting communities has made application to the Sanitary Water Board for approval of its part of the project that the design of the intercepting 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

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recommended granting approval of the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on December eighth, one thousand nine hundred and twenty-six, authorized the granting of a permit to the borough of Brentwood in accordance with the recommendations of the Chief Engineer, approved by the Secretary of Health.

Therefore, approval is hereby given for the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin extending from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer, as shown on the plans, entitled, "Sanitary Trunk Sewer from Bethel Township to the Ohio River"; "Bureau of Engineering, Department of Public Works, City of Pittsburgh Trunk Sanitary Sewer Saw Mill Run Basin"; Contract Number 4, 6 sheets, accession Numbers D-3405 to D-3410, inclusive, Contract Number 5 6 sheets, a cession Numbers D-3411 to D-3416, inclusive, "Saw Mill Run Sanitary Sewer Overbrook Borough, Allegheny County, Pa.", Contract Number 6, sheet numbers 1 - 2, dated October one thousand nine hundred and twenty-two, prepared by T. J. McGovern, all the above plans being received in the office of the State Department of Health November sixteenth, one thousand nine hundred and twenty-five, and on plans, entitled, "Proposed Sanitary Sewer in Baldwin Township from Overbrook Borough to Castle Shannon Borough", sheet numbers 2 to 5 inclusive, all in contract Number 7, plans dated August one thousand nine hundred and twenty-five and prepared by Douglass and McKnight, received in the office of the State Department of Health March twenty-third, one thousand nine hundred and twenty-six pursuant to the provisions of the agreement dated October thirty-first, one thousand nine hundred and twenty-five hereinbefore described, 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 borough of Brentwood 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.

Application	Sept. 10, 1925	No.	5081	Name	
Issued	December 8, 1926	Vol.	No. 3700	Place	Brentwood
Recorded	Jan. 7, 1927	Vol.	144	Page	179
Report by	Wickersham	No.	4150	Vol.	144
				File No.	

Conditions and Stipulations

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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: 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 conditions as possible.

FIFTE: 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 straightlines 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.

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: The borough of Brentwood, upon the completion of the Saw Mill Run Intercepting Sewer, shall expeditiously connect thereto all sewers within the borough discharging sewage into Saw Mill Run. Also within three months from the date of this permit the borough of Brentwood, either alone or in conjunction with other municipalities, shall submit to the Sanitary Water Board for approval plans for lateral trunk sewer or sewers, with connection to the said Saw Mill Run Intercepting Sewer, for the conveyance of sewage discharged by the borough of Brentwood into tributaries of Saw Mill Run. After approval thereof shall have been given, the borough of Brentwood, either alone or in conjunction with other municipalities, shall undertake the construction of said lateral sewer or sewers, to the end that the sewage of the borough of Brentwood shall be removed from

Saw Mill Run and its tributaries at the earliest practicable date.

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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 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, et cetera.

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Form 100

Recd November 13, 1926 Hqs.

Application September 10, 1925

No. 5031

Name

Issued December 8, 1926 Vol. 144

No. 3700

Place Brentwood

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County Allegheny

Report by Wickersham

No. 4150

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Conditions and Stipulations

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*****requesting approval of the construction and use of a main trunk intercepting sewer in the Saw Mill Run Drainage Basin extending from Bethel Township to the Ohio River and to be built and operated by the City of Pittsburgh jointly with eight other municipalities situate within said Saw Mill Run Drainage Basin,*****

*****which indicate that Saw Mill Run is a stream rising in Bethel Township, Allegheny County, and flowing in a general northerly direction for about 9 miles to the Ohio River with which it connects within the City of Pittsburgh; that on the drainage area of this stream there are a number of municipalities whose drainage reaches the main stream or its tributaries; that a decidedly insanitary condition exists because of the discharge of sewage into the main stream or its tributaries; that a study was undertaken to determine the necessary measures to eliminate the insanitary conditions existing; that as a result on October 31, 1925 an agreement was effected between the City of Pittsburgh and the boroughs of Dormont, Knoxville, Mt. Oliver, Overbrook, Carrick, Brentwood and Castle Shannon and the Township of Mt. Lebanon to provide for the construction, distribution, cost, maintenance and repairs of a main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel Township to the Ohio River; that the agreement provided for dividing the proportionate parts of the cost of the construction of the intercepting sewer among the contracting communities; that it also provides that in case the City of Pittsburgh should hereafter decide to construct a sewage disposal plant wherein the sewage from Saw Mill Run Drainage Basin shall be treated, the construction, maintenance and repairs of both the plant and sewers carrying the sewage to and from same shall be made by the City of Pittsburgh and the cost of both the construction, maintenance and repairs of said disposal plant and sewers leading from and thereto shall be distributed pro rata among the municipalities located in the Saw Mill Run Drainage Basin; that each of the several contracting communities has made application to the Sanitary Water Board for approval of its part of the project; that the design of the intercepting sewer is satisfactory and approval therefor can be given.

The study further indicated that it will be necessary to construct certain intercepting sewers

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in the valleys of streams tributary to Saw Mill Run in order to intercept the sewage which now discharges into said tributaries, or which may hereafter originate on the areas tributary thereto and in this manner convey said sewage to the Saw Mill Run Intercepting Sewer; that consideration has already been given to certain of these projects by the communities involved; that this part of the general project should be proceeded with without delay in order that the necessary sewers may be constructed and all of the sewage in the Saw Mill Run Basin satisfactorily collected and disposed of, to the end that the insanitary conditions now existing may be eliminated.

*****recommended granting approval of the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby given for the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin extending from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer, as shown on the plans, entitled, "Sanitary Trunk Sewer from Bethel Township to the Ohio River"; "Bureau of Engineering, Department of Public Works, City of Pittsburgh Trunk Sanitary Sewer Saw Mill Run Basin"; Contract No. 4, 6 sheets, accession Numbers D-3405 to D-3410, inclusive, Contract No. 5, 6 sheets, accession Numbers D-3411 to D-3416, inclusive, "Saw Mill Run Sanitary Sewer Overbrook Borough, Allegheny County, Pa.", Contract No. 6, sheet Nos. 1 - 2, dated October 1922, prepared by T. J. McGovern, all the above plans being received in the office of the State Department of Health November 16, 1925, and on plans, entitled, "Proposed Sanitary Sewer in Baldwin Township from Overbrook Borough to Castle Shannon Borough", sheet No. 1; "Proposed Sanitary Sewer in Castle Shannon Borough", sheet Nos. 2 to 5 inclusive, all in contract No. 7, plans dated August 1925 and prepared by Douglass & McKnight, received in the office of the State Department of Health March 23, 1926, pursuant to the provisions of the agreement dated October 31, 1925 hereinbefore described, as proposed in the application and a permit issued therefor, subject to the following conditions:

FIRST: All relevant conditions of sewerage permits issued to the borough of Broughton shall

Recd November 13, 1925 Hbg.

Application September 10, 1925

No. 5031

Name

Issued December 8, 1925

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No. 3700

Place

Brentwood

Recorded

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County

Allegheny

Report by Wickerham

No. 4150

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File No.

Conditions and Stipulations

#2.

Disposition

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 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: 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.

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: The borough of Brentwood, upon the completion of the Saw Mill Run Intercepting Sewer, shall expeditiously connect thereto all sewers within the borough discharging sewage into Saw Mill Run. Also within 3 months of the date of this permit the borough of Brentwood, either alone or in conjunction with other municipalities, shall submit to

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the Sanitary Water Board for approval plans for lateral trunk sewer or sewers, with connection to the said Saw Mill Run Intercepting Sewer, for the conveyance of sewage discharged by the borough of Brentwood into tributaries of Saw Mill Run. After approval thereof shall have been given, the borough of Brentwood, either alone or in conjunction with other municipalities, shall undertake the construction of said lateral sewer or sewers, to the end that the sewage of the borough of Brentwood shall have been removed from Saw Mill Run and its tributaries at the earliest practicable date.

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 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 ALLEGHENY COUNTY.

Application Recd Nov. 13, 1925 Hbg.
Dated Sept. 10, 1925 . . . No. 5031

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Issued Decemner 8, 1926 Vol. 144 No. 3700 Brentwood, Allegheny Co.

Recorded Jan. 7, 1927 Vol. Deed Bk. 2304 Page 179

Report by Wickersham No. 4150 Vol. 144

RECEIVED
JAN -7 1927
DISTRICT OFFICE
D

To the Borough Council of
Brantwood, Allegheny County,
Pennsylvania.

On November thirteenth, one thousand nine hundred and twenty-five, an application was received from the Borough of Brantwood, Allegheny County, requesting approval of the construction and use of a main trunk intercepting sewer in the Mill Run Drainage Basin extending from Bethel Township to the Ohio River and to be built and operated by the City of Pittsburgh jointly with eight other municipalities situate within said Mill Run Drainage Basin, 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 Saw Mill Run is a stream rising in Bethel Township, Allegheny County, and flowing in a general northerly direction for about eight miles to the Ohio River with which it connects within the City of Pittsburgh; that on the drainage area of this stream there are a number of municipalities whose drainage reaches the main stream or its tributaries; that a decidedly insanitary condition exists because of the discharge of sewage into the main stream or its tributaries; that a study was undertaken to determine the necessary measures to eliminate the insanitary conditions existing; that as a result on October thirty-first, one thousand nine hundred and twenty-five an agreement was effected between the City of Pittsburgh and the boroughs of Dormont, Knoxville, Mt. Oliver, Overbrook, Carrick, Brentwood and Castle Shannon and the Township of Mt. Lebanon to provide for the construction, distribution of cost, maintenance and repair of a main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel

Township to the Ohio River; that said agreement provided for dividing the proportionate parts of the cost of the construction of the intercepting sewer among the contracting communities; that it also provides that in case the City of Pittsburgh should hereafter decide to construct a sewage disposal plant wherein the sewage from Saw Mill Run Drainage Basin shall be treated, the construction, maintenance and repairs of both the plant and sewers carrying the sewage to and from same shall be made by the City of Pittsburgh and the cost of both the construction, maintenance and repairs of said disposal plant and sewers leading from and thereto shall be distributed pro rata among the municipalities located in the Saw Mill Run Drainage Basin; that each of the several contracting communities has made application to the Sanitary Water Board for approval of its part of the project; that the design of the intercepting sewer is satisfactory and approval therefor can be given.

The study further indicates that it will be necessary to construct certain other trunk sewers in the valleys of streams tributary to Saw Mill Run in order to intercept the sewage which now discharges into said tributaries, or which may hereafter originate on the areas tributary thereto and in this manner convey said sewage to the Saw Mill Run Intercepting Tower;

that consideration has already been given to certain of these projects by the communities involved; that this part of the general project should be proceeded with without delay in order that the necessary sewers may be constructed and all of the sewage in the Saw Mill Run Basin satisfactorily collected and disposed of, to the end that the insanitary conditions now existing may be eliminated.

The Chief Engineer of the Department of Health has studied the report of these investigations and has recommended granting approval of the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer and the granting of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on December *eighth*, one thousand nine hundred and twenty-six, authorized the granting of a permit to the borough of Brentwood in accordance with the recommendations of the Chief Engineer, approved by the Secretary of Health.

Therefore, approval is hereby given for the construction and use of the main trunk intercepting sewer in the Saw Mill Run Drainage Basin extending from Bethel Township to the Ohio River and for the disposal of sewage from the respective communities, parties to the agreement regarding said sewer, by means of discharge into said Saw Mill Run Intercepting Sewer, as shown on the plans, entitled, "Sanitary Trunk Sewer from Bethel Township to the Ohio River"; "Bureau of Engineering, Department of Public Works, City of Pittsburgh Trunk Sanitary Sewer Saw Mill Run Basin"; Contract Number 4, 6 sheets, accession Numbers D-3406 to D-3410, inclusive, Contract Number 5, 6 sheets, accession Numbers D-3411 to D-3416, inclusive, "Saw Mill Run Sanitary Sewer Overbrook Borough, Allegheny County, Pa.", Contract Number 3, sheet numbers 1 - 2, dated October one thousand nine hundred and twenty-two, prepared by T. J. McGovern, all the above plans being received in the office of the State Department of Health November sixteenth, one thousand nine hundred and twenty-five, and on plans, entitled, "Proposed Sanitary Sewer in Baldwin Township from Overbrook Borough to Castle Shannon Borough", sheet Number 1; "Proposed Sanitary Sewer in Castle Shannon Borough", sheet Numbers 2 to 6 inclusive, all in contract

Number 7, plans dated August one thousand nine hundred and twenty-five and prepared by Douglass & McKnight, received in the office of the State Department of Health March twenty-third, one thousand nine hundred and twenty-six, pursuant to the provisions of the agreement dated October thirty-first, one thousand nine hundred and twenty-five hereinbefore described, 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 borough of Brentwood 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 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

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.

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: The borough of Brentwood, upon the completion of the Saw Mill Run Intersecting Sewer, shall expeditiously connect

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.

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: The borough of Brentwood, upon the completion of the Saw Mill Run Intersecting Sewer, shall expeditiously connect

Appendix A-20-b

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: 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.

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: The borough of Brentwood, upon the completion of the Saw Mill Run Intersecting Sewer, shall expeditiously connect

thereto all sewers within the borough discharging sewage into Saw Mill Run. Also within three months of the date of this permit the borough of Brentwood, either alone or in conjunction with other municipalities, shall submit to the Sanitary Water Board for approval plans for lateral trunk sewer or sewers, with connection to the said Saw Mill Run intercepting sewer, for the conveyance of sewage discharged by the borough of Brentwood into tributaries of Saw Mill Run. After approval thereof shall have been given, the borough of Brentwood, either alone or in conjunction with other municipalities, shall undertake the construction of said lateral sewer or sewers, to the end that the sewage of the borough of Brentwood shall have been removed from Saw Mill Run and its tributaries at the earliest practicable date.

NIGHT: 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 nuisance 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, 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 Allegheny County.

SANITARY WATER BOARD.

By
Charles H. Miner,
Chairman.

Attest
E. L. Stevenson,
Secretary.

Harrisburg, Pennsylvania,
December eighth, one thousand
nine hundred and twenty-six.

STATE OF PENNSYLVANIA :
 : SS
COURT 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. MILLER -----
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 NO. 4205

**BRENTWOOD SANITARY SEWERS IN DISTRICT 4 AND 5
AND THE STREETS RUN DRAINAGE DISTRICT**

ISSUED JUNE 19, 1929

COPY

OCT 16 1925

11093

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

OCT 3 1925
Hickensham
Hickensham

5008

Application relative to MUNICIPAL SEWERAGE

From Brentwood Borough

(Name of municipality)

August 18, 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 Brentwood Borough in
(Name of municipality)

Allegheny County, in the State of Pennsylvania, hereby make applica-
tion for the issuance of a permit for the disposal of sewage from Sanitary Sewer
(Describe briefly the sewerage project for which this application is made, telling in a few

District #4, in the Streets Run Drainage Basin, according to the
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,

plans herewith submitted, the trunk sewer of District No. 1
application for permission so to do must be made herein)

connecting into the trunk sewer of District No. 1 about 900 feet
from the present disposal plant granted by a permit issued to
Brentwood Borough, July 6, 1917.

as is more fully shown on the accompanying certified copies of plans and surveys prepared by _____ and in the report thereon prepared by _____ all of which are made part of this application.

(Name of Engineer)

(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 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 created 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 (Paraphlet Laws, two hundred and seven-2 * * *

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 3. Be it enacted, &c., That the term “waters of the State,” whenever 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. 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 excrements 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 15, 1917, P. L. 849. (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, and 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. 936. (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 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,

COUNTY OF Allegheny

M. A. Gordon

being duly sworn

according to law deposes and says that the foregoing application is made in pursuance of a Ordinance duly adopted by the Council of the Boro of Brentwood and approved by the Council thereof, on the thirteenth day of August 19 25 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 Boro of Brentwood by President of Council before me this 18th day of August 19 25 M. A. Gordon

Notary Public.

My Commission expires

BUREAU OF ENGINEERING OFFICE RECORD

APPLICATION: No. 5008 Attested 8-18-25 Rec'd. 10-3-25 Hbg. For Approval of sewerage of District No 4

PLANS: Number of 2 (in duplic.) 1 set in "D" Rec'd. 10-5-25 Hbg.

Serial No. File #2600 Book #22382 (2 prints)

ASSIGNED TO Wickersham Date 10-9-25 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.

Noticed Ack. Approval W. & P. N. B. V.

Approves Certified Permit to

IF THIS APPLICATION INVOLVES ANY CROSSING OR ABOVE ITS NATURAL BED CAUSING SUCH OBSTRUCTION, THE DESIGN OF SUCH OBSTRUCTION MUST BE SATISFACTORY TO THE CHIEF ENGINEER OF THE WATER AND POWER RESOURCES BUREAU BEFORE ISSUANCE OF OUR PERMIT. IF THIS APPLICATION INVOLVES SUCH OBSTRUCTION, FILL IN THE FOLLOWING BLANKS; IF NO OBSTRUCTION IS INVOLVED, WRITE ACROSS THE PAGE THE WORD "NONE".

Chief Engineer W. & P. R. Bureau . . . Secretary U. W. Board
Notified _____ . . . Approval U. W. R. B. _____
Approved _____ . . . Verified Permit to _____

11097

5103

A 5008

Appendix A-20-b

1098
#4205

5568

Sanitary Water Board
Form 10—Rev. May 1925

(COPY)

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Handwritten signature

RECEIVED
APR 27
DISTRICT
L

Application relative to MUNICIPAL SEWERAGE

From Brentwood Borough, Allegheny County.
(Name of municipality)

February 1, 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 Brentwood Borough in
(Name of municipality)

Allegheny County, in the State of Pennsylvania, hereby make applica-
tion for the issuance of a permit for the disposal of sewerage from private
(Describe briefly the sewerage project for which this application is made, telling in a few

property, Albert Way and Clermont Way Sanitary Sewer in the Streets
words what the accompanying plans and report show in detail and if sewerage is to be discharged into the waters of the State without treatment.

Run Drainage Basin.
application for permission so to do must be made herein)

The accompanying plan shows the location, size of pipe, grade
and depth of the sewer.

This lateral sewer empties into the present 15" Sanitary Sewer
on Brentwood Ave. and the Brentwood Ave. Sewer is the Trunk Sewer
of Sanitary Sewer District #1, Brentwood Borough, the same emptying
into the Disposal Plant built under permit granted to the Borough
of Brentwood, July 6, 1917.

Also the dismissal of sewerage from a portion of Clairton Road and
Harbell Avenue Sanitary Sewer in the Saw Mill Run Drainage Basin. The
accompanying plans show the location, size of pipe, grade and depth
of the sewer.

This sewer empties into the present 12" Sanitary Sewer on Clairton
Road which will eventually be connected with the present trunk sewer
now being constructed along Saw Mill Run.

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

R. A. SCHNIEDER and in the report thereon prepared by
(Name of Engineer)

B. A. SCHNEIDER all of which are made part of this application.
(Name of Engineer)

A. G. KAUFMAN
(Name)

President of Council
(Title)

3845 Brownsville Road, Brentwood Boro

(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. 290.

"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 excrementous 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 sewer 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 rescission, 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 heretofore 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, and 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 7)

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, and 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 provision 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. 572. (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, 1902, P. L. 393, AS AMENDED JUNE 25, 1911, P. L. 593 (Municipal Cooperative Sewerage)

Section 1. " * * * That whenever in the construction of a sewerage 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 sewerage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewerage system, and shall jointly maintain the same."

NOTE.—The regular clauses of the Borough Code and Township Code repeated 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 29th, 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 Allegheny

A. G. Kaufman

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 Boro of Brentwood and approved by the -- thereof, on the tenth day of September 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 3rd day of February 1926

A. G. Kaufman

(Name)

President of Council

(Title)

T. R. Gracie, J. of P. Secretary of Public

My Commission expires

BUREAU OF ENGINEERING

OFFICE RECORD 2-3-26

APPLICATION: No. 5103

Attested 2-10-25

Recd. 3-30-26

For Permit for extensions of sewers

PLANS: Number of 3 (in dupl)

Rec'd. 4-7-26

Serial No. File # 2600 Book # 224-70

ASSIGNED TO Wickersham

Date 3-30-26

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

Act. Approval W. & P. R. B. U.

Approves

Certified Permit to

S E W E R A G E

BRENTWOOD BOROUGH ALLEGHENY COUNTY

APPLICATIONS #5008, #5103, #5568

May 29, 1929

On October 3, 1925 an application dated August 18, 1925, given Department #5008, was received from the Borough of Brentwood, Allegheny County, requesting the issuance of a permit for the construction of a sanitary system of sewers in District #4 and the conveyance of sewage through a trunk sewer to the main sewer leading to the disposal plant on Scotts Run.

On March 30, 1926 application, given Department #5103, dated February 1, 1926 was also received from the Borough of Brentwood, Allegheny County, requesting permission to build certain lateral sewers in the Streets Run Drainage District with disposal of this sewage into the main sewer leading to the disposal plant on Scotts Run and for lateral sewers on Cleiston Road and Harbell Avenue in the Saw Mill Run Drainage Basin.

On October 24, 1928 a third application was received from the Borough of Brentwood, Allegheny County, dated October 11, 1928, given Department #5568, requesting approval of a comprehensive sewer system for District #5, with disposal into the main Saw Mill Run Trunk Sewer.

I have examined the applications, plans and other data submitted, made the necessary field investigations covering these projects and submit the following report.

GENERAL CONDITIONS

The Borough of Brentwood is located in the South Hills, contiguous with and on the south of the City of Pittsburgh. The borough was incorporated in 1915 out of Baldwin Township. It covers an area of 1.44 square miles and had a population in 1920 of 1695.

Brentwood Borough is entirely a residential community. It is divided by the Brownsville Road into two main drainage districts. The district on the east of this Road being tributary to Scotts Run, a tributary of Sweets Run, which empties into the Monongahela River at the former Borough of Rays. The district lying on the west side of the Brownsville Road is drained by a tributary of Weymans Run, which empties into Saw Mill Run at Fairhaven, Baldwin Township.

Brentwood Borough is one of the fastest growing municipalities in this section. It is estimated that the population at the present time is over 5,000. Approximately 30% of the area is covered and 65% of the population contributes.

The borough is supplied with water by the South Pittsburgh Water Company, which secures its supply from the Monongahela River, filters and chlorinates it prior to serving to the consumers.

PREVIOUS PERMITS

On June 8, 1916, a permit was issued to the borough approving a system of sanitary sewers for a section in the Streets Run Drainage Basin known as District #1. This district is located in the extreme northern section of the borough, from where the sewage is drained along Brentwood Avenue to a point on Scotts Run. This permit required the submission of plans for sewage treatment works for the proposed sewerage system.

On July 6, 1917, the second permit was issued to the borough approving plans for the construction of a sewage disposal plant on Scotts Run for District #1, in compliance with the stipulation of a former permit to that effect.

On November 10, 1921, another sewerage permit was issued to the borough approving plans for the construction of sewers in Districts #2 and #3. The sewage from District #3, which is located on the Streets Run watershed, is conveyed to the sewage disposal plant constructed on Scotts Run. The sewage from District #2, which is located on the Saw Mill Run watershed, was conveyed to a point on the Clairton Road northwest of Lawrence Avenue by means of a 12" trunk sewer and there discharged untreated into a branch of Reynolds Run. The time limit for the discharge of untreated sewage expired December 31, 1922 and has not been subsequently extended.

11105

On December 8, 1926, the last permit was issued to the borough approving plans for the construction and use of the borough's part of the Saw Mill Run Trunk Sewer. The seventh stipulation of this permit required that the borough submit plans for approval for such trunk sewer or sewers as might be necessary with connection to the Saw Mill Run Trunk Sewer to eliminate the discharge of untreated sewage into Saw Mill Run or any of its tributaries.

PRESENT APPLICATIONS

Application #5008 requests the approval of a system of sanitary sewers for District #4, together with the disposal of sewage from the same to the main trunk sewer leading to the disposal plant on Scotts Run. This district lies in the Streets Run Drainage Basin and comprises approximately 27 acres. The present population is approximately 200. The major portion of the district lies east of the Brownville Road near the southern Brentwood-Baldwin Township line and a small section extends across the Brownville Road to the west side.

The district will be sewered with a system consisting of 6000' of 8" sewer, minimum grade 1%. All lateral and branch sewers will terminate in a main intercepting and trunk sewer built at its upper end along a small tributary of Scotts Run and at its lower end in Cowan Road. This trunk sewer is 3350' in length and varies in size from 10" at its upper terminus to 15" at its junction with the existing 18" trunk sewer leading to the

Scotts Run disposal plant at Cowan Road and Brentwood Avenue. The sewer will consist of 2380' of 10" t.c. sewer, minimum grade 3%; 1680' of 12" t.c. sewer, minimum grade 3%, and 1290' of 15" t.c. sewer, minimum grade 3%.

This sewer is being constructed so that in the future it will be an intercepting sewer for an area of 365 Acres lying on the Streets Run Drainage Basin not provided with sewers at the present time.

Application #5103 requests permission to construct a lateral sewer extension on Albert Way, Clermont Way and along private property in the Streets Run Drainage Basin, which will connect to the 15" sewer on Brentwood Avenue leading to the Scotts Run disposal plant; also a lateral sewer on Harbell Avenue and an extension of the Clairton Road sewer in the Saw Mill Run Drainage Basin, with disposal into an existing sewer on Clairton Road.

The Clermont Way sewer will be 8" in diameter and 80' long, extending from Catskill Avenue to Albert Way. The Albert Way sewer will be 8" in diameter and 1550' long, extending from Clermont Way to a point on Jacob Way where it terminates in a 10" sewer 258' long built over private property and joining the existing trunk sewer leading to the disposal plant.

The portion of this application dealing with the construction of sewers on Harbell Avenue and Clairton Road need not be considered as these same sewers are incorporated as part of a comprehensive system for District #8, application for which is pending and being considered in this report.

Application #5568 requests the approval of a sanitary sewer system in District #5, located in the Saw Mill Run Drainage Basin. It will provide sewers for the entire area not now sewered, lying west of the Brownsville Road between it and Clairton Boulevard and extending from the Pittsburgh-Brentwood boundary line on the north to the Brentwood-Baldwin Township line on the south. District #2, which is at present sewered, is included in this area.

The plans provide for a comprehensive system of lateral and branch sewers for this district. All sewage from the district will be conducted to an intercepting and outfall sewer located along Clairton Boulevard, extending from the Brownsville Road to an existing trunk sewer in Overbrook Borough, thence through this trunk sewer to the Saw Mill Run Trunk Sewer at Fairhaven.

The sewage from District #2 will also be conveyed through this same trunk sewer to the main Saw Mill Run Trunk Sewer at Fairhaven.

The sewerage system for District #5 as proposed will consist of 28940' of 8" terra cotta sewer, minimum grade 1%, average depth 8-1/2'; 4500' of 10" terra cotta sewer, minimum grade 2%, average depth 8-1/2'; 3380' of 12" terra cotta sewer, minimum grade 2%, average depth 9-1/2'; 3110' of 15" terra cotta sewer, minimum grade 1%, average depth 9'. There will be 134 manholes provided with an average spacing of 300'.

The trunk sewer along Clairton Boulevard will vary in size from 8" at its upper terminus at Brownsville Road to 15" at its lower end where it joins the trunk sewer of the Borough of Overbrook.

in extent, the future population is estimated at 800, with an average daily sewage flow of 80,000 gallons and a maximum of 180,000 gallons.

The area not now sewered in the Streets Run Drainage basin is 365 Acres and the estimated future population is 9,000. The average sewage flow will be approximately 900,000 gallons per day and the maximum 2 million gallons per day.

District #4 and the unsewered section combined give the following estimated flows: 1 million gallons per day average and 2.2 million gallons per day maximum.

The outfall sewer which will eventually take care of this area has a minimum capacity of 3 million gallons per day flowing full.

The following table will show the estimated populations and volumes of sewage expected in the future from District #5. This district together with District #2, which is in the same drainage basin has a present population of approximately 2,000 with an average sewage flow of 200,000 gallons per day and a maximum of 450,000 gallons per day.

11110

DISTRICT #6

Point	Location	Area Con-tributing	Total Population	Daily Volume of Sewage		Size	Grade	Capacity	Velocity
				Average	Maxi-mum				
		Acres		sgd	sum	"	%	m.g.d.	f.p.s.
#2	Clairton Road near West Avenue	35	1050	105,000	256,000	10"	6.8	3.5	10
#3	Clairton Road and Elm Key	59	1770	177,000	400,000	12"	3.2	4.0	7.5
#4	Clairton Road and Marylea Avenue	56	1740	174,000	391,000	10"	2.0	1.9	5.4
#5	Clairton Road and Secoridge	191	5730	573,000	1.3m.g.	15"	1.0	4.0	5.2
#6	Clairton Road and Greenlee	300	9270	927,000	2.0m.g.	15"	1.1	4.3	5.4

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11110

DISTRICT #6

Point	Location	Area Con-tributing	Total Population	Daily Volume of Sewage		Size	Grade	Capacity	Velocity
				Average	Maxi-mum				
		Acres		sgd.	sum	"	%	m.g.d.	f.p.s.
#2	Clairton Road near Wesk Avenue	35	1050	105,000	256,000	10"	6.8	3.5	10
#8	Clairton Road and Miss Key	59	1770	177,000	400,000	12"	3.2	4.0	7.5
#9	Clairton Road and Marylea Avenue	56	1740	174,000	391,000	10"	2.0	1.9	5.4
#4	Clairton Road and Secoridge	191	5730	573,000	1.3m.g.	15"	1.0	4.0	5.2
#6	Clairton Road and Greenlee	300	9270	927,000	2.0m.g.	15"	1.1	4.3	5.4

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DISCUSSION

The Borough of Brentwood has submitted application #5568 in response to the seventh stipulation of the permit issued on December 8, 1926, with the idea in mind of eliminating the pollution of all streams within the borough tributary to Saw Mill Run and of Saw Mill Run itself.

The sewers designed for District #5 are satisfactory and inasmuch as they will discharge into the Saw Mill Run Trunk Sewer, they can be approved for construction. In fact, construction has already been started in this district.

All sewage from District #2, located on the same watershed, will be picked up in the proposed trunk sewer on Clairton Road and taken to the Saw Mill Run Interceptor. This will relieve an existing stream pollution of a tributary of Weymans Run.

In so far as Brentwood is concerned, the sewers have sufficient capacity to meet future requirements. However, the connecting link, built between the Saw Mill Run Trunk Sewer and the Brentwood Trunk Sewer by Overbrook Borough with Castle Shannon, Brentwood and the City participating, might not be of sufficient capacity to take care of the future estimated maximum sewage flow. This will be particularly true if any amount of surface water is admitted to the Brentwood sewer system in the Saw Mill Run Basin.

On this account, a stipulation in the permit should call attention to the fact that the outfall sewer is of a limited capacity and particularly require that no storm water be admitted

to this system.

There are, at present, about 3,000 persons in the Streets Run Drainage Basin and this territory is developing rapidly. The sewage from Districts #1, #3 and #4 is conducted to the existing Scotts Run disposal plant. Sewers in District #4, for which approval is being requested, have been constructed. The cutoff sewer is of sufficient capacity to take care of the sewage from this area and of the remaining portion of the borough, on this watershed, undeveloped at present.

The Scotts Run Disposal Plant, however, is entirely inadequate to take care of the sewage from the present population contributing to it. The plant consists merely of a two compartment septic tank, built originally to accommodate about 500 persons. It is neither of sufficient capacity to take care of the sewage load nor does it provide a sufficient degree of treatment to protect the stream into which the effluent is discharged.

At a recent inspection of the plant, it was determined that no attention had been given to the plant for several years. There are no facilities provided for drying or disposing of the sludge from the septic tank and it had not been cleaned for a period of more than two years. During periods of maximum flow, the sewage overflows at the inlet manhole to the septic tanks and finds its way directly to the stream.

The Borough of Brentwood should be required to construct a new disposal plant to take care of the sewage in the Streets Run Drainage Basin to a degree sufficient to properly protect the

stream so that nuisances will not result during low flow. Although the stream receives mine drainage, nuisance conditions exist in the stream below the treatment plant effluent.

Further, no additional sewer construction should be allowed in the Streets Run Drainage Basin until adequate facilities for the disposal of sewage have been provided. A stipulation should be included in the permit allowing the borough six months to prepare and file with the Sanitary Water Board plans and a report for a new sewage disposal plant on Scotts Run.

The design of the sewers in the various districts being satisfactory, a permit can, therefore, be issued to the Borough of Brentwood approving a system of lateral and branch sewers in District #4, together with an outfall sewer leading to the main sewer to the disposal plant; a system of branch and lateral sewers for District #5, together with an outfall sewer along Clairton Boulevard to connect with the existing Overbrook Trunk Sewer and subsequently the Saw Mill Run Trunk Sewer, and for certain minor lateral sewer extensions in the Streets Run Drainage Basin.

RECOMMENDATIONS

It is, therefore, recommended that a permit be issued to the Borough of Brentwood, Allegheny County, granting permission for the construction of sewers in Districts #4 and #5 and for certain minor sewer extensions in the Streets Run Drainage Basin, as requested in applications #5008, #5103 and #5568, dated and received respectively as follows: dated August 19, 1925, received October 3, 1925; dated February 1, 1926, received March 30, 1926;

dated October 11, 1928, received October 24, 1928, and as shown on plans entitled, "Sanitary Sewers, District #4, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated July 1925; "Sanitary Sewer of Private Property - Albert Way - Clemont Way from Brentwood Avenue to Catskill Avenue, Brentwood Borough, Allegheny Co., Pa.", dated October 1925; "Map of Brentwood Borough and parts of Carrick Borough and Baldwin Township, Allegheny Co., Pa." dated January 1926; "Sanitary Sewer System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated October 11, 1928; "Profiles, Sanitary System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of four sheets dated October 11, 1928, all prepared by R. H. Schneider, Borough Engineer, subject to standard conditions Numbers 1, 2, 3, 4, 5, 10, 11, 12, 13, 14 and 28 and the following special conditions:

A. On or before December 31, 1929, the Borough of Brentwood shall submit to the Sanitary Water Board for approval detail plans and a report, prepared by a competent sanitary engineer, of a new sewage treatment works to replace the existing inadequate plant on Scotts Run, and immediately after approval thereof has been received, the Borough shall proceed expeditiously with the construction of the plant.

B. No additional sewer construction will be permitted in the Streets Run Drainage Basin until adequate sewage treatment works have been provided.

C. The attention of the borough officials is directed to the fact that the capacity of the trunk sewer built by it and

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several other municipalities in the Borough of Overbrook will not be adequate to take care of the maximum expected future sewage flow from the contributory area, and at some future date, it will be necessary to provide additional capacity. The admission of any roof water or storm water from areaways, courts, etc., will hasten the time when such additional capacity will be necessary, and the borough is urgently requested to prohibit the entrance of any such storm water to the sewers in the Saw Mill Run Basin.

Respectfully submitted,

L. S. MORGAN,
District Engineer

LSM:O

11116

Sanitary Water Board
Form 10—Rev. May 1925

**COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN**

Application relative to **MUNICIPAL SEWERAGE**

From BOROUGH OF BRENTWOOD
(Name of municipality)

October 11th, 1928
(Date)

RECEIVED

OCT 24 1928

DISTRICT OFFICE

D

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 BRENTWOOD BOROUGH in
(Name of municipality)

ALLEGHENY County, in the State of Pennsylvania, hereby make applica-
tion for the issuance of a permit for Sanitary Sewer District No. 5
(Describe briefly the sewerage project for which this application is made, telling in a few

The accompanying Sanitary Sewer Plans, District No. 5, Brentwood Borough,
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,
show in detail the drainage of that portion of Brentwood Borough lying west of
application for permission so to do must be made herein)

the Brownville Road and draining into the Saw Mill Run Drainage Basin. The
sewers of this District No. 5 will empty into the Saw Mill Run Trunk Sewer which
is now completed and empties into the Ohio River, thus relieving a condition
that has become very acute. The Plans also show the size of the proposed sewers,
grades, manholes, lampholes, Y branches, surface elevations and sewer flow line
elevations.

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

R. A. Schneider

(Name of Engineer)

and in the report thereon prepared by

R. A. Schneider

(Name of Engineer)

all of which are made part of this application.

ATTEST

R. A. Schneider
2001

D. G. Kaufman

(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 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. 200.

“Section 1. Be it enacted, Ar., 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.

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

R. A. Schneider

(Name of Engineer)

and in the report thereon prepared by

R. A. Schneider

(Name of Engineer)

all of which are made part of this application.

ATTENT

R. A. Schneider
2001

D. G. Kaufman

(Name)

(Title)

(Post office address for further correspondence)

(SEAL)

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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. 290.

“Section 1. Be it enacted, Ac., 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 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 applications 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 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, 1909, P. L. 306, as AMENDED JUNE 15, 1911, P. L. 596. (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.

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STATE OF PENNSYLVANIA,

COUNTY OF Allegheny

F. H. Appenrodt

being duly sworn

according to law deposes and says that the foregoing application is made in pursuance of a Ordinance duly adopted by the Council of the Borough of Brentwood and approved by the Burgess thereof, on the 11th 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.

Sworn to and subscribed before me this 11 day of October 19 28

[Signature]

(Name)

[Signature]

(Title)

[Signature] Burgess Notary Public

My Commission expires

BUREAU OF ENGINEERING OFFICE RECORD

APPLICATION: No. Attsted 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. B. Bureau and Secretary Sanitary Water Board.

Noticed Act. Approval W. & P. B. U.

Approves Certified Permit to

Reed Oct. 15, 1928 Dist. D
Reed Oct. 22, 1929 Hbg.
Dated Oct. 11, 1928. . . No. 5568

11120

Reed Oct. 3, 1925 Hbg.
Dated Aug. 18, 1925 . . . No. 5008

Reed Mar. 30, 1926 Hbg.
Dated Feb. 3, 1926 . . No. 5103

Issued June 19, 1929 Vol. 165 No. 4205

Report by Morgan No. 4660 Vol. 165

Received 6/25/29 *Arthur S. ...*

Appendix A-20-b

Form 661 Recd October 15, 1928 Dist. D
 Recd October 22, 1929 Hbg.
 Application October 11, 1928 No. 5568 Name February 3, 1926 - - 5103
 Issued June 19, 1929 Vol. 165 No. 4205 Place Brentwood
 Recorded July 1929 Vol. 165 Page 218 County Allegheny **11121**
 Report by Morgan No. 4060 Vol. 165 File No.

Conditions and Stipulations Disposition

*****requesting various extensions to the public sewer system,*****

*****which indicate that the Borough of Brentwood is desirous of constructing and using sewers in several of its drainage districts; that included in these projects are a sewer system in District No. 4, a sewer system in District No. 5 and lateral sewers in the Streets Run Drainage District; that part of the sewers in District No. 4 are also in the Streets Run Drainage District with others in the Saw Mill Run Drainage District; that all of the sewers in District No. 5 will be in the Saw Mill Run Drainage District; that these projects are satisfactory except as relates to the proposed sewers in the Streets Run Drainage District in which there is a small sewage treatment works which even now does not have sufficient capacity to care for the existing sewage load; that moreover the degree of sewage treatment provided in this plant is not sufficient to protect the receiving body of water; that accordingly, approval can be given for the construction of all of the proposed sewers except those in the Streets Run Drainage District; that approval of these latter can be given as to the design, but not their construction and use until the Borough of Brentwood shall have constructed a sewage treatment works of proper capacity and type to satisfactorily care for not only the present, but the future sewage of this area.

The Bureau of Engineering has recommended approval of the construction and use of all of the proposed sewer extensions, except those in the Streets Run Drainage Basin for which approval of the design only is recommended, and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board*****

Therefore, approval is hereby granted for the proposed sewer extensions, as shown on plans entitled, "Sanitary Sewers, District #4, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated July, 1925; "Sanitary Sewer of Private Property - Albert Way - Clermont Way from Brentwood Avenue to Catskill Avenue, Brentwood Borough, Allegheny Co., Pa.", dated October, 1925; "Map of Brentwood Borough and parts of Carrick Borough and Baldwin Township, Allegheny Co., Pa.", dated January, 1926; "Sanitary Sewer of District #6,

Brentwood Borough, Allegheny Co., Pa.", folio of 2 sheets dated October 11, 1928; "Profiles, Sanitary System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of 4 sheets dated October 11, 1928, all prepared by R. H. Schneider, Borough Engineer, but the construction and use of the proposed sewers is limited to those which are not on the Streets Run Drainage Basin, as proposed in the application and a permit issued therefor, subject to the following conditions:

11122

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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 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.

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.

Form 561	Recd October 15, 1928 Dist. D	Recd August 18, 1925 - - 5008
	Recd October 22, 1929 Hbg.	Recd March 30, 1928 Hbg.
Application	October 11, 1928	No. 3568
		Name February 3, 1926 - - 5103
Issued	June 19, 1929	Vol. 165
		No. 4205
Recorded		Page
		Vol.
Report by	Morgan	No.
		Vol. 165
		File No.
		Place Brentwood
		County Allegheny
		11123

Conditions and Stipulations

#2.

Disposition

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 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 31st of each year the Borough 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 existing method of sewage disposal in the Streets Run Drainage District is unsatisfactory and in order to correct this condition the Borough shall provide for the proper disposal of its sewage either by a new sewage treatment works to replace the existing inadequate plant on Scotts Run, or in some other manner satisfactory to the Sanitary Water Board. If the Borough elects to build a new sewage treatment works, then on or before December 31, 1929 it shall submit to the Sanitary Water Board for approval detailed plans and a report of the proposed works prepared by a competent engineer. In any event the Borough shall notify the Sanitary Water Board on or before September 30, 1929 of its decision as to the proposed disposal of the sewage from this drainage district.

ELEVENTH: No additional sewer construction will be permitted in the Streets Run Drainage Basin until adequate sewage treatment works have been provided.

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 municipi-

pality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

11121

The attention of the borough officials is directed to the fact that the capacity of the trunk sewer built by it and several other municipalities in the Borough of Overbrook will not be adequate to care for the maximum expected future sewage flow from the contributory area and at some future date it will be necessary to provide additional capacity. Consequently the admission of any roof water or storm water will necessarily hasten the time when such additional capacity will be necessary and the borough is strongly urged to prohibit the entrance of any such storm water to the sewers in the Saw Mill Run Basin.

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 ALLEGHENY COUNTY

Received	Oct. 15, 1928	No. 5568	Name	Borough Council
Application	Oct. 11, 1928	5008	Place	Brentwood
	Aug. 18, 1925	5103	County	Allegheny
	Feb. 3, 1926	4205	File No.	11125
Issued	June 19, 1929	Vol. 165		
Report by	July 6, 1929 - Book 2394 - Page 518 Morgan			
	No. 4660	Vol. 165		

Conditions and Stipulations	Disposition
<p>***which indicate that the Borough of Brentwood is desirous of constructing and using sewers in several of its drainage districts; that included in these projects are a sewer system in District #4, a sewer system in District #5 and lateral sewers in the Streets Run Drainage District; that part of the sewers in District #4 are also in the Streets Run Drainage District with others in the Saw Mill Run Drainage District; that all of the sewers in District #5 will be in the Saw Mill Run Drainage District; that these projects are satisfactory except as relates to the proposed sewers in the Streets Run Drainage District in which there is a small sewage treatment works which even now does not have sufficient capacity to care for the existing sewage load; that moreover the degree of sewage treatment provided in this plant is not sufficient to protect the receiving body of water; that accordingly, approval can be given for the construction of all of the proposed sewers except those in the Streets Run Drainage District; that approval of these latter can be given as to the design, but not their construction and use until the Borough of Brentwood shall have constructed a sewage treatment works of proper capacity and type to satisfactorily care for not only the present, but the future sewage of this area.</p> <p>The Bureau of Engineering has recommended, approval of the construction and use of all of the proposed sewer extensions, except those in the Streets Run Drainage Basin for which approval of the design only is recommended and the issuance of a permit therefor, subject to certain conditions.</p> <p>The Sanitary Water Board at a meeting held on June 19, 1929, authorized the granting of a permit to the Borough of Brentwood in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.</p> <p>Therefore, approval is hereby granted for the proposed sewer extensions, as shown on plans entitled, "Sanitary Sewers, District #4, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated July 1925; "Sanitary Sewer of Private Property - Albert Way - Clermont Way from Brentwood Avenue to Catskill Avenue, Brentwood Borough, Allegheny Co., Pa.", dated October, 1925; "Map of Brentwood Borough and parts of Carrick Borough and Baldwin Township, Allegheny Co., Pa.", dated January 1926; "Sanitary Sewer System District #5, Brentwood Borough, Allegheny Co., Pa.",</p>	

11126

dated October 11, 1928; "Profiles, Sanitary System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of four sheets dated October 11, 1928, all prepared by R. H. Schneider, Borough Engineer, but the construction and use of the proposed sewers is limited to those which are not on the Streets Run Drainage Basin, 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 Borough of Brentwood 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 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.

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' 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

White Copy Sewerage

Received Oct. 15, 1928
 Application Oct. 11, 1928 No. 5568 Name
 Aug. 18, 1925 5008 Place Brentwood
 Feb. 3, 1926 5103
 June 19, 1929 Vol. 165 No. 4205 County Allegheny **11127**
 Report by Morgan No. 4660 Vol. 165 File No.

Conditions and Stipulations	Disposition
<p style="text-align: center;">PAGE 2</p> <p>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.</p> <p>NINTH: On or before December 31st of each year the Borough 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.</p> <p>TENTH: The existing method of sewage disposal in the Streets Run Drainage District is unsatisfactory and in order to correct this condition the Borough shall provide for the proper disposal of its sewage either by a new sewage treatment works to replace the existing inadequate plant on Scotts Run, or in some other manner satisfactory to the Sanitary Water Board. If the Borough elects to build a new sewage treatment works, then on or before December 31st, 1929, it shall submit to the Sanitary Water Board for approval, detailed plans and a report of the proposed works prepared by a competent engineer. In any event the Borough shall notify the Sanitary Water Board on or before September 30, 1929 of its decision as to the proposed disposal of the sewage from this drainage district.</p> <p>ELEVENTH: No additional sewer construction will be permitted in the Streets Run Drainage Basin until adequate sewage treatment works have been provided.</p> <p>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.</p> <p>The attention of the borough officials is directed to the fact that the capacity of the trunk sewer built by it and several other municipalities in the Borough of Overbrook will not be adequate to care for the maximum expected future sewage flow from the contributory area and at some future date it will</p>	<p style="text-align: right;"><i>Plans Filed 12-31-29</i></p>

be necessary to provide additional capacity. Consequently the admission of any roof water or storm water will necessarily hasten the time when such additional capacity will be necessary and the borough is strongly urged to prohibit the entrance of any such storm water to the sewers in the Saw Mill Run Basin.

11128

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.

11139

~~XXXXXXXXXX~~
305 Standard Life Bldg.,
Pittsburgh, Pa.

Oct. 16, 1928

Sewerage,
Brentwood,
Allegheny County.

Mr. F. E. Appenrodt,
Secretary of Council,
Brentwood, Mt. Oliver Station,
Pittsburgh, Penna.

Dear Sir:

We have received, through your engineer Mr. R. A. Schneider, application relative to municipal sewerage, attested on Oct. 11th, for the issuance of a permit for a system of sewers in Sanitary Sewer District No. 5.

This application is being entered and will be given due consideration.

Very truly yours,

L. E. WICKERMAN,
District Engineer

LEW:FC

11130

~~XXXXXXXX~~
205 Standard Life Bldg.,
Pittsburgh, Pa.

Oct. 15, 1938

Sewerage,
Brentwood,
Allegheny County.

Mr. Ira F. Zeigler, Asst. Engineer,
Penn. Department of Health,
Harrisburg, Penna.

Dear Zeigler,

Attached please find application, attested on
Oct. 11th, from the Borough of Brentwood, requesting
approval of plans of sewers in Sanitary Sewer District
No. 5.

This application is acceptable and can be duly
entered.

Very truly yours,

L. H. WICKERSHAM,
District Engineer

LEW:FG
enc

RECEIVED

OCT 24 1928

DISTRICT OFFICE

D

11131

October 22, 1928.

Mr. R. A. Schneider,
Borough Engineer for Brentwood Borough,
2708 Brownsville Road-Carrick,
Mt. Oliver Branch,
Pittsburgh, Pennsylvania.

Dear Mr. Schneider:

On behalf of the Sanitary Water Board I beg to acknowledge receipt of your letter of October 15th which you handed me personally in Harrisburg on that date together with an application from the borough of Brentwood, Allegheny County, for the issuance of a permit for a district sewer system in District No. 5, Brentwood Borough, the discharge of sewage therefrom to be into the Saw Mill Run trunk sewer.

I note from your letter that you have also filed an application and set of plans, a copy of which you also left with me, with our District Office in Pittsburgh.

As I informed you at the time these plans were received at too late a date to be reported upon to the Sanitary Water Board in time for its October meeting to be held on the 23rd. We will, however, study this case as soon as it can be reached and, if possible, place it before the Board at the November meeting which is scheduled to be held on November 27th.

Very truly yours,

H. E. Moses,
Assistant Chief Engineer.

D21

10/22/28

This is copy of 178, you.

Sent in Oct 16-1928

Zajka

R. A. SCHNEIDER
REC. ENG'R AND LAND SURVEYOR
2706 BROWNSVILLE ROAD - CARRICK
MT. OLIVER BR., PITTSBURGH, PA.

RE Appendix A1202
OCT 24 1928
DISTRICT OFFICE
D
ENGINEER FOR
BRENTWOOD BOROUGH
CARRICK BOROUGH
BALDWIN TOWNSHIP
SCOTT TOWNSHIP
OCT 18 1928

Mr. Moses
Sanitary Water Board Engineer
Harrisburg, Pa.

Harrisburg Pa.
October 12, 1928
Report to _____
Your No. _____
Date & File _____
File _____

Dear Sir,

The accompanying plans are proposed sanitary sewers to be constructed in that portion of Brentwood Borough lying West of the Brownsville Road and draining into the Saw Mill Run Drainage Basin.

The trunk sewers constructed by the various municipalities in this basin are now completed and Brentwood Borough being a party to the agreement is entitled to all its privileges.

This part of Brentwood is building up very rapidly and the sanitary conditions have become very acute.

Your district ^{engineer} office has a set of these plans and application has ~~also~~ been filed.

I would appreciate very much if you would communicate with me in the near future giving me some assurance on this subject.

Respectfully yours
R. A. Schneider

For the purpose of this act, sewage shall be defined as any substance that contains any of the waste products, or stenomittitious 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 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 suspended 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. 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 2)

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 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. 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. 305, as AMENDED JUNE 15, 1911, P. L. 965. (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, for the protection of the public health, 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 476 and 471 of the pamphlet laws of 1913, and on pages 284 and 288 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.

11134

COMMONWEALTH OF PENNSYLVANIA,
COUNTY OF Allegheny

ss:

F. H. Appenrodt

being duly SWORN

according to law deposes and says that the foregoing application is made in pursuance of a
Ordinance duly adopted by the Council of the Borough of Brantwood
and approved by the Burgess thereof, on the 11th
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.

Sworn

to and subscribed

F. H. Appenrodt

(Name)

before me this

day of October 1928

Secretary

(Title)

Bernhard Nestner

Burgess ~~PHYSICIAN~~

My Commission expires _____

**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. _____

Approves _____ Certified Permit to _____

RECEIVED

OCT 19 1928

DISTRICT OFFICE

D

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From BOROUGH OF BRENTWOOD
(Name of municipality)

October 11th, 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 BOROUGH OF BRENTWOOD in
(Name of municipality)

ALLEGHENY County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for Sanitary Sewer District No. 5
(Describe briefly the sewerage project for which this application is made, telling in a few words

The accompanying Sanitary Sewer Plans, District No. 5, Brentwood Borough, show in detail the drainage of that portion of Brentwood
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)

Borough lying west of the Brownsville Road and draining into the Saw Mill Run Drainage Basin. The Sewers of this District No. 5 will empty into the Saw Mill Run Trunk Sewer which is now completed and empties into the Ohio River, thus relieving a condition that has become very acute. The Plans also show the size of the proposed Sewers, Grades, manholes, lampholes, Y branches, surface elevations and sewer flow line elevations.

1138

as is more fully shown on the accompanying certified copies of plans and surveys prepared by R. A. Schneider and in the report thereon prepared by R. A. Schneider all of which are made part of this application.

R. A. Schneider
(Name of Engineer)

R. A. Schneider
(Name of Engineer)

A. G. Kaufmann
(Name)

(Name)

(Title)

(Post office address for further correspondence)

ATTEST:

F. H. Appenrodt,
Sec'y

(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 this 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. 200.

"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 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 be discharged, into any of the waters of the State, any sewage, except as provided. No. This act shall not apply to waters pumped or flowing from coal mines or lamproles, nor to any public sewer system, owned and maintained by a municipality, provided such sewer system was in operation on 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 attended subsequent to the passage of this act.

11137

Received
June 25, 1929

5568

To the Borough Council of
Brentwood, Allegheny County,
Pennsylvania.

On October third, one thousand nine hundred and twenty-five, March seventeenth, one thousand nine hundred and twenty-six and October fifteenth, one thousand nine hundred and twenty-eight, respectively, an application was received from the Borough of Brentwood, Allegheny County, requesting various 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 applications have been examined and a field inspection made by the Bureau of Engineering of the Department of Health which indicate that the Borough of Breatwood is desirous of constructing and using sewers in several of its drainage districts; that included in these projects are a sewer system in District No. 4, a sewer system in District No. 5 and lateral sewers in the Streets Run Drainage District; that part of the sewers in District No. 4 are also in the Streets Run Drainage District with others in the Saw Mill Run Drainage District; that all of the sewers in District No. 5 will be in the Saw Mill Run Drainage District; that these projects are satisfactory except as relates to the proposed sewers in the Streets Run Drainage District in which there is a small sewage treatment works which even now does not have sufficient capacity to care for the existing sewage load; that moreover the degree of sewage treatment provided in this plant is not sufficient to protect the receiving body of water; that accordingly, approval can be given for the construction of all of the proposed sewers except those in the Streets Run

Drainage District; that approval of these letter can be given as to the design, but not their construction and use until the Borough of Brentwood shall have constructed a sewage treatment works of proper capacity and type so satisfactorily care for not only the present, but the future sewage of this area.

The Bureau of Engineering has recommended approval of the construction and use of all of the proposed sewer extensions, except those in the Streets Run Drainage Basin for which approval of the design only is recommended, and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on June nineteenth, one thousand nine hundred and twenty-nine, authorized the granting of a permit to the Borough of Brentwood, in accordance with the recommendations of the Bureau of Engineering, approved by the Secretary of Health.

Therefore, approval is hereby granted for the proposed sewer extensions, as shown on plans entitled, "Sanitary Sewers, District #4, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated July, one thousand nine hundred and twenty-five; "Sanitary Sewer of Private Property - Albert Way - Clermont Way from Brentwood Avenue to Oakkill Avenue, Brentwood Borough, Allegheny Co., Pa.", dated October, one

thousand nine hundred and twenty-five; "Map of Brentwood Borough and parts of Carrick Borough and Baldwin Township, Allegheny Co., Pa.", dated January, one thousand nine hundred and twenty-six; "Sanitary Sewer System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of two sheets dated October eleventh, one thousand nine hundred and twenty-eight; "Profiles, Sanitary System District #5, Brentwood Borough, Allegheny Co., Pa.", folio of four sheets dated October eleventh, one thousand nine hundred and twenty-eight, all prepared by R. H. Schneider, Borough Engineer, but the construction and use of the proposed sewers is limited to those which are not on the Streets Run Drainage Basin, 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 Borough of Brentwood 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 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.

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 manhole may be substituted to afford means for flushing the sewer and to mark the location of the change of line or grade.

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 Borough 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 existing method of sewage disposal in the Streets Run Drainage District is unsatisfactory and in order to correct this condition the Borough shall provide for the proper disposal of its sewage either by a new sewage treatment works to replace the existing inadequate plant on Scotts Run, or in some other manner satisfactory to the Sanitary Water Board. If the Borough elects to build a new sewage treatment works, then on or before December thirty-first, one thousand nine hundred and twenty-nine it shall submit to the Sanitary Water Board for approval detailed plans and a report of the proposed works prepared by a competent engineer. In any event the Borough shall notify the Sanitary Water Board on or before September thirtieth, one thousand nine hundred and twenty-nine of its decision as to the proposed disposal of the sewage from this drainage district.

ELEVENTH: No additional sewer construction will be permitted in the Streets Run Drainage Basin until adequate sewage treatment works have been provided.

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 nuisance 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 borough officials is directed to the fact that the capacity of the trunk sewer built by it and several other municipalities in the Borough of Overbrook will not be adequate to care for the maximum expected future sewage flow from the contributory area and at some future date it will be necessary to provide additional capacity. Consequently the admission of any roof water or storm water will necessarily hasten the time when such additional capacity will be necessary and the borough is strongly urged to prohibit the entrance of any such storm water to the sewers in the Saw Mill Run Basin.

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.

11145

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

SANITARY WATER BOARD

By:

.....
Theodore B. Appel, M. D.,
Chairman.

Attest:

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

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

4205

Sanitary Water Board
Form 10—Rev. May 1923

PENNA. DEPT. OF HEALTH
BUREAU OF ENGINEERING

SEP 11 1930

11147

RECEIVED

SEP 11 1930

DISTRICT OFFICE

D

Ref'd to: COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Year: _____
Reply direct: Application relative to MUNICIPAL SEWERAGE

Prep. rep. for: _____

From: THE BOROUGH OF BRENTWOOD

(Name of municipality)

Your inform. _____
Note & File _____

September 4, 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 THE BOBO. OF BRENTWOOD in
(Name of municipality)

Allegheny

County, in the Commonwealth of Pennsylvania, hereby make applica-

tion for the issuance of a permit for the construction and use of a system of
(Describe briefly the sewerage project for which this application is made, telling in a few

lateral sanitary sewers in the Brentwood Villa Plan of Lots in

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.

Brentwood Borough, in the Scotts Run Drainage Basin with two connections
application for permission so to do must be made herein)

to the existing 15" Sanitary trunk sewer leading to the existing Disposal

Plant on Scotts Run.

11148

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

 Mr. R.A. Schneider
 (Name of Engineer) and in the report thereon prepared by

 Mr. R.A. Schneider
 (Name of Engineer) all of which are made part of this application.

R. H. Appenroth

 (Name)

Secretary

(Title)

(SEAL)

3331 Bookman Ave., Brentwood, 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 of 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 sewer 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 1st.)

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 provisions 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"

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, 1899, P. L. 306, as AMENDED JUNE 15, 1911, P. L. 988. (Municipal Cooperative Sewerage).

Section 1. "That whenever in the construction of a sewerage 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 sewerage system in common, then, and in such case, such municipalities and townships may unite in the construction and ownership of such sewerage system, and shall jointly maintain the same."

NOTE—The repealer clauses of the Borough Code and Township Code repeal 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 sewerage 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.

11150

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF Allegheny } ss:

F.H. Appenrodt being duly Sworn

according to law deposes and says that the foregoing application is made in pursuance of a Ordinance duly adopted by the Council of the Booro of Brentwood and approved by the Council thereof, on the 14th day of August 1930 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

F.H. Appenrodt
(Name)

before me this 9th

day of September 1930

Charles Harry Bracken

Secretary.
(Title)

Notary Public CHARLES HARRY BRACKEN, N.P.
My Commission Expires February 21st 1931
BUREAU OF ENGINEERING
OFFICE RECORD

My Commission expires _____ My Commission Expires _____

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 Permit to _____

PERMIT NO. 5221

BRENTWOOD STREETS RUN SANITARY TRUNK SEWER

ISSUED FEBRUARY 18, 1935

A 6737

DWE

P#5221

10/22/34

11153

Brentwood - Allegh Co
Sewers

[Note: Elev 825.59 @ Sta 32+02.2 apparently wrong] ^{should be 825.59}

Scotts Run - 960 A.

Critical Grade 18" on 1.9% = 9.2 MGD.

960 Acres x 30 x 250 = 7.2 MGD

Streets Run - 3800 A.

3800 Acres x 25 x 250 = 24.6 MGD

Critical Grade 24" on 0.5% = 10.8 M.G.D.

Intermediate Manholes needed between

13+69 to 20+50	No
20+50 to 26+55.6	No
48+66.2 to 57+02.7	OK
74+29.4 to 80+56.6	No

Curves to be removed between

43+41 to 43+65	O/C
32+02.2 to 32+38.9	
33+02.3 to 33+36.9	

Substitute Drop MH at Disposal Plant for curved portions

82+20 to 82+34.8	O/C
0+25 to 0+40.7	OK

Correct Distances

72+03.7 to 74+29.4 = 225.7	Given 226.2	No
68+98.8 to 72+03.7 = 304.9	" 304.9	

Also - ~~at present curved portions where distances given are from MH to P.I.~~

~~43+41 to 44+98.2 and 39+19.6 to 42+41~~

~~32+02.2 to 33+79.6 and 30+53.6 to 32+02.2~~

~~809.35 to 803.35 = 5.99, 14% Given 10% OK~~

Correct Grade 6+55 to 10+29 = 4.44, 14% Given 10% OK

Brentwood - Allegh Co
 Sewers - Scotts + Streets Run

Checked by DWE
 10/22/34

Scotts Run - 960 Ac Streets Run 3800 Ac

11155

On	From	To	Size	Dist	Elevation		Grade	Depth	Remarks
					Surf	Invert			
Scotts Run	81+73.8	80+56.6	18"	117.2	930 327	920.13 917.79	2.0 ✓	10 9	
"	80+56.6	74+29.4	18"	627.2	916	905.88	1.90 ✓	10	Intermediate MH Needed x
"	74+29.4	72+03.7	18"	225.7	914	901.58	1.90 ✓	13	226.2 Dist wrong } MH Still Wrong x } should 309.4 Dist wrong } be at
"	72+03.7	68+98.8	18"	304.9	903	894.58	2.30 ✓	8	Still wrong x { 0.5' invert well correlated
"	68+98.8	67+21.6	18"	177.2	899	891.04	2.0 ✓	8	
"	67+21.6	65+49.6	18"	172.0	895	887.60	2.0 ✓	7	
"	65+49.6	62+53.6	18"	296.0	891	881.68	2.0 ✓	9	
"	62+53.6	58+80.4	18"	373.2	883	874.21	2.0 ✓	9	
"	58+80.4	57+03.7	18"	176.7	880	870.68	2.0 ✓	9	
MW	57+03.7	48+65.2	18"	838.5	861	853.07	2.1 ✓	8	Intermediate MH Needed OK MH @ 53+00 ✓ Flow 960x40x300 @ 11.5 MGD Copy 18" @ 1.9 - 2.0 MGD.
"	48+65.2	44+90.2	18"	375.0	855	845.94	1.9 ✓	9	Portion Curved 43+41 to 43+65
Streets Run	44+90.2	43+41	24"	137 144	853	841.83 841.71	3.0 ✓	11	Dist Given 137' MH to P2 Curve Removed
"	43+41	39+13.6	24"	427.4	847	837.43	1.0 ✓	10	Dist Given 439.6 MH to P2
"	39+13.6	37+66.6	24"	147.0	844	835.23	1.5 ✓	9	
"	37+66.6	35+21.1	24"	245.5	844	831.55	1.5 ✓	12	should be 825.59
"	35+21.1	33+79.6	24"	141.5	841	828.94	2.2 ✓	13	Dist Given 201.5 MH to P2.
"	33+79.6	32+02.2	24"	177.4	839	823.59	1.3 ✓	13	Two Curved Portions 32+02.2 to 32+31.9 ✓ 33+02.3 to 33+36.9 ✓
"	32+02.2	30+53.6	24"	148.6	835	823.66	1.3 ✓	11	
"	30+53.6	26+55.6	24"	398.0	832	818.49	1.3 ✓	12	
"	26+55.6	20+50	24"	605.6	826	814.25	0.70 ✓	12	Need Int. MH. x No
"	20+50	13+69	24"	681.0	819	810.85	0.50 ✓	8	Need Int. MH No x
"	13+69	10+69	24"	300.0	821	809.35	0.50 ✓	12	Copy 24" @ 0.5 - 11.5 MGD
✓	10+69	6+55	24"	414.0	812	809.55	1.4x ✓	8	Actual Gr. 1.4x OK ✓
"	6+55	3+42	24"	313.0	806	798.23	1.7 ✓	8	
"	3+42	1+86	24"	156.0	806	795.58	1.7 ✓	10	
"	1+86	0+00	24"	186.0	804	792.42	1.7 ✓	12	

11157

SCOTTS RUN + STREETS RUN
Sanitary Trunk Sewer
Brentwood - Allegheny Co.

3031

From	To	Course	Dist.	Size	Min Gr.	Max M.H.F.
Present 18" at Disp. Plant	Streets Run	easterly along Scotts Run	3745'	18"	1.9%	627'
Streets + Scotts Run Intersect	at City Line	Northerly along Streets Run	4490'	24"	0.5%	681'

Creek Crossings encased in concrete

Population studies

Areas
Scotts Run

Brentwood Total - 1930 - 5381

Estimated on Scotts Run - 3000

520 Acres

Baldwin Twp " " " - 2000

440 Acres

Present

Total Present Pop " " - 5000

Present Ave flow @ 100 p.p.c = 500,000

" Max flow @ 500 p.p.c = 1,500,000

Future flows

Say 25 per acre in Brentwood = 13,000

Say 10 " " in Baldwin Twp = 4,400

Total future 17,400

Fut Ave flow @ 100 p.p.c = 1,740,000

" Max flow @ ~~500~~ 3.92 = 1'

Capacity 18" @ 1.9% n.s. 0.13 Full 9.0 m.g.d.

STREETS RUN

11158

Present Est Pop

Brentwood - 3000 Est

Baldwin + Miff Lin Trp - 2000 Est
6000

Prop flow

Future flow @ 25 per acre Brentwood + 10 per acre
Baldwin + Miff Trps.

Brentwood fut = $540 \times 25 = 13,500$

Baldwin Trp = $2360 \times 10 = 23,600$

Miff Lin Trp = $900 \times 10 = 9,000$
46,100

$46,100 @ 100\% = 4.61 \text{ m.g.d}$

$46,100 @ ~~3.85225~~ ~~13.85~~ = 10.37$

24" min grade 0.5% slope = 11.0 - g.d.

6737.

Sanitary Water Board
Form 10—Rev. May 1925

RECEIVED
JAN 29 1935
DISTRICT OFFICE
D

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From Brentwood Borough
(Name of municipality)

December 14, 1934.
(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 Brentwood Borough in Allegheny County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for the construction of a Sanitary Trunk Sewer, 8235 feet long, in the Streets Run Drainage Basin. This Sanitary Trunk Sewer is to convey sewage from the present septic tank on Scotts Run

(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)
near the boundary line between Brentwood Borough and Baldwin Township, through Baldwin and Mifflin townships, to a proposed Sanitary Trunk Sewer now being constructed along Streets Run by the City of Pittsburgh

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

[Signature]
(Name)

Secretary
(Title)

443 BROWN SVILLE ROAD
(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 262.—“ * * * 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 5816.—“ * * * 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. 266.

“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 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 tunnels, 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 accrementitious 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 debt of like amount and 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 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 5)

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, 1909, P. L. 206, as AMENDED JUNE 15, 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 476 and 471 of the pamphlet laws of 1915, and on pages 284 and 288 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.

11162

COMMONWEALTH OF PENNSYLVANIA, }
COUNTY OF Allegheny } ss:

F.H. Appenrodt 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 Boro. of Brentwood
and approved by the _____ thereof, on the Eleventh
day of January 19 35, 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.

[Signature] subscribed [Signature]
(Name)

before me this 19th day of January 19 35 Secretary
(Title)

[Signature]
Notary Public

My Commission expires _____
JAMES J. WALLACE, Notary Public
MY COMMISSION EXPIRES
March 8 1937
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. _____

Approves _____ Certified Permit to _____

THE BOROUGH OF BRENTWOOD

11163

OFFICERS

G. KAUFMANN, *Burgess*
 Carrick 1414
 R. C. HOGAN
Treasurer
 C. H. BRACKEN
Solicitor
 R. A. SCHNEIDER
Engineer
 FROM:
 CARRICK 2800-8770-1414

ALLEGHENY COUNTY
 PENNSYLVANIA



F. H. APPENRODT, *Secretary*
 100-GATSKILL AVENUE
 CARRICK 4519
 4143 Brownsville Road.

COUNCIL

F. H. LITTON
President
 JACOB GRAD
 J. C. KLEIN
 F. C. WESLING
 M. F. MCGUIRE
 C. M. PROBY
 JOHN W. SANKEY

PITTSBURGH 10, PA., January 24, 1935. 193

THE SANITARY WATER BOARD,
 Commonwealth of Pennsylvania,
 Harrisburg, Pa.

Gentlemen:-

We are attaching herewith an application for a permit for the construction of a Sanitary Trunk Sewer, 8235 feet long, in the Streets Run Drainage Basin.

It is our intention to make application to the proper authorities for PWA funds for labor to construct the sewer. We have some funds on hand from a bond issue floated some time ago for the purpose of enlarging or rebuilding our Disposal Plant, which might possibly be used for this project, for the purchase of materials.

We must secure right of ways for this sewer, one from the Baltimore & Ohio Railroad Company being necessary which at this time is in dispute due to certain rental charges and a removal clause to which we object.

This application is submitted subject to our securing financial assistance thru the PWA and our securing suitable right of way privileges.

Very truly yours,
 THE BOROUGH OF BRENTWOOD

F. H. Appenrodt
 F. H. Appenrodt
 Secretary.

FHA*K

RECEIVED

JAN 28 1935

DISTRICT OFFICE

D

11164

SEWERAGE

BRENTWOOD BOROUGH - ALLEGHENY COUNTY

APPLICATION # 6737

January 29, 1935.

On January 29, 1935 an application relative to municipal sewerage dated December 14, 1934, and given Department # _____, was received from the Borough of Brentwood, Allegheny County, requesting the Assuance of a permit for "the construction of a Sanitary Trunk Sewer, 8235 feet long, in the Streets Run Drainage Basin. This Sanitary Trunk Sewer is to convey sewage from the present septic tank on Scotts Run near the boundary line between Brentwood Borough and Baldwin Township, through Baldwin and Wifflin Townships, to a proposed Sanitary Trunk Sewer now being constructed along Streets Run by the City of Pittsburgh".

I have examined the application and plans submitted and present the following report.

GENERAL CONDITIONS

The Borough of Brentwood is mainly a residential community with a 1930 population of 8,381. It lies contiguous to and south of the 20th Ward of the City of Pittsburgh.

11165

The borough is supplied with a public water supply from the system of the South Pittsburgh Water Company which obtains its source of supply from the Monongahela River, and filters and chlorinates the water prior to distribution.

The borough is divided in two main watershed areas by the Brownsville Road; the section to the west of this highway being on the watershed of Saw Mill Run and the section to the east of the highway being on the watershed of Streets Run.

The borough is generally provided with a system of sanitary sewers. At present all the sewage on the Saw Mill Run watershed area is conducted to the Saw Mill interceptor. At present the sewage from the area on the Streets Run watershed is conducted to a disposal plant consisting of septic tanks, which is located along Scotts Run near the Brentwood-Baldwin Township boundary line.

This disposal plant is in a dilapidated condition and the sewage is practically being discharged untreated into Scotts Run.

PRESENT APPLICATION

At the present time the borough is requesting approval for the construction of a sanitary trunk sewer to conduct all the sewage now discharged to the obsolete Scotts Run disposal plant into the Streets Run trunk sewer at present under construction by the City of Pittsburgh.

In order to do this, the borough proposes to construct an 18 inch sanitary sewer from the present disposal plant in an easterly direction along Scotts Run, a distance of 3,745 feet

to a point approximately at the junction of Scotts and Streets Runs. At this point the sewer will increase to 24 inch and extend generally in a northerly direction a distance of 4,400 feet to the Pittsburgh city line. The proposed trunk sewer of the City of Pittsburgh along Streets Run will be 24 inches in diameter and terminate at the city line and the two sewers join at that point.

The proposed sanitary trunk sewer will intercept all the sewage now being discharged to the septic tanks and convey it to the Pittsburgh trunk sewer.

The minimum grade on the 18 inch sewer line along Scotts Run will be 1.9% and the minimum grade of the 24 inch sewer line along Streets Run to the Pittsburgh city line will be 0.5%.

The proposed sewer will be encased in concrete at all stream crossings. Manholes are provided at all changes of line and grade except where the sewer passes through the culvert under the B. & O. Railroad tracks near Station 33 / 79. Manholes have not been included at these two points of curvature because of the borough's desire not to obstruct the stream channel at these points. The maximum distances between manholes is 681 feet which occurs on a stretch of 24 inch sewer immediately below Station 20/50.

The lower terminus of the proposed sewer will be at elevation 792.43 and the elevation of the Pittsburgh sewer will be 792.25 at the point of connection of the two sewers.

DISCUSSION

The construction of this sanitary trunk sewer is

essential in order to eliminate gross insanitary conditions and a serious stream pollution in Scotts Run due to the inadequacy of the existing treatment works.

The Department has advocated the elimination of this nuisance for several years and at one time received from the Borough of Brentwood, plans for a sewage disposal plant on this watershed.

Due however, to the possibilities of securing a trunk sewer jointly constructed by the several municipalities involved, the matter of constructing another sewage treatment works was held in abeyance to permit time for consideration of a trunk sewer project.

The basis of design used for checking the adequacy of the proposed sewer is as follows: Population densities - Brentwood, 25 persons per acre; Baldwin and Mifflin Townships - 10 persons per acre; sewage flows average 100 gallons per capita per day; maximum, 225 gallons per capita per day. Drainage areas: Brentwood Borough - 540 acres; Mifflin Township - 900 acres; Baldwin Township 2360 acres.

The present estimated population on the Scotts Run watershed is: Brentwood 3000; Baldwin Township 2000. On the above basis the present average flow will be approximately 500,000 gallons per day and the maximum 1.25 m.g.d. and the future flows average 1.74 m.g.d. and 3.92 m.g.d.

For the Streets Run section on the above basis the average future flow would be 4.61 m.g.d. and the maximum 10.37 m.g.d.

The 18 inch sewer on Scotts Run has a capacity of 9.0 m.g.d. flowing full and the 24 inch sewer on Streets Run a capacity of 11 m.g.d. flowing full.

The design of the sewer is in general satisfactory and the capacities on minimum grades are sufficient to meet future requirements. The trunk sewer can therefore be approved for construction.

Permission for the use of the Pittsburgh Streets Run trunk sewer by the Borough of Brentwood should be withheld until after a certified copy of an agreement executed between the two municipalities covering the common use of this sewer is submitted to the Sanitary Water Board.

The borough proposes to attempt to secure some financial assistance from the Federal authorities for constructing the trunk sewer and must also secure the necessary right-of-ways before construction can be undertaken. The borough claims that it is necessary to secure financial assistance before the sewer can be constructed. The borough however, is under an order from the Sanitary Water Board contained in the permit issued June 18, 1929 to provide for the proper disposal of the sewage either by a new sewage treatment works or in some other manner satisfactory to the Sanitary Water Board. The proposed method of conducting the sewage to the Pittsburgh Streets Run trunk sewer and thence discharging it into the Monongahela River at Hays is satisfactory and will meet this requirement.

The permit however should carry a stipulation requiring the borough to proceed expeditiously with the construction

of the proposed sanitary trunk sewer in order that nuisance conditions existing in Scotts Run will be abated at the earliest practicable date.

RECOMMENDATIONS

In view of the foregoing circumstances, it is recommended that a permit be issued to the Borough of Brentwood Allegheny County, granting permission for the construction of a sanitary trunk sewer along Scotts and Streets Run from the existing sewage treatment works to the Streets Run trunk sewer of the City of Pittsburgh now under construction, as requested in the application of the borough dated December 14, 1934 and received in the Greensburg District Office January 29, 1935, and as shown on a folio of 6 plans numbered 1 to 6, inclusive, bearing the general title: "Plan and Profile of Proposed Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins 31st Ward, Pittsburgh, Mifflin and Baldwin Twp's, Allegheny Co. Pa to be constructed by Borough of Brentwood" dated June 14, 1934 and received in the Greensburg District Office December 19, 1934, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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: No storm water from pavements, area ways, 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 of proper inspection and thorough cleansing of the sewers. Generally they will be required at junction, 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 lamp hole 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 borough 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: This permit shall not be operative insofar as relates to the discharge of sewage from the Brentwood sewer system into the sewer system of the City of Pittsburgh until an agreement satisfactory to the Sanitary Water Board shall have been executed between the two municipalities providing for the discharge of said sewage and a certified copy thereof filed with the Sanitary Water Board.

TENTH: The Borough of Brentwood shall proceed expeditiously with the construction of the proposed sanitary trunk sewer in order that the existing nuisance conditions in Scotts Run caused by the present discharge of sewage from the Borough of Brentwood can be eliminated at the earliest practicable date.

ELEVENTH: 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.

11172

TWELFTH: 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.

Respectfully submitted,

L. S. Morgan,
District Engineer

LSM:p

6737
RECEIVEDFEB 28 1935
DISTRICT OFFICE

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11173

To the Borough Council of
Brentwood, Allegheny County,
Pennsylvania.

On January twenty-ninth, one thousand nine hundred and thirty-five, an application was received in the Greensburg Office of the Pennsylvania Department of Health, from the Borough of Brentwood, Allegheny County, requesting a permit approving the construction of a sanitary trunk sewer eight thousand two hundred and thirty-five feet long in the Streets Run Drainage Basin to convey sewage from the present septic tank along Scotts Run, through Baldwin and Kifflin Townships to a proposed sanitary trunk sewer now being constructed along Streets Run by the City of Pittsburgh; 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 by the Bureau of Sanitary

Engineering of the Department of Health which indicate that Brentwood is generally sewered throughout its developed portions; that the sewers serving that portion of the Borough lying upon the drainage area of Saw Mill Run, are connected with the Saw Mill Run trunk sewer and that those sewers serving the portion of the Borough lying upon the drainage area of Streets Run discharge sewage into septic tanks located along Scotts Run near the Brentwood Borough-Baldwin Township line; that the septic tanks aforesaid are in a dilapidated condition and that the sewage passing through them is discharged after inadequate treatment, into Scotts Run resulting in the creation of nuisance conditions in this Run.

The study further shows that Brentwood now proposes to construct a sanitary trunk sewer from the septic tanks located along Scotts Run, down the valley of Scotts Run and along Streets Run through Baldwin and Mifflin Townships to a point of connection with the Streets Run sanitary trunk sewer now being constructed up the valley of this Run by the City of Pittsburgh under a permit from the Sanitary Water Board.

The study also shows that the sewer proposed to be constructed by Brentwood is of generally satisfactory design and suitable for serving as the main drainage line

for those portions of the Streets Run drainage area naturally tributary thereto; that the construction of this sewer will permit the abatement of existing nuisance conditions in Scotts Run, which abatement the Borough of Brentwood is under orders from the Sanitary Water Board to bring about; and that the Borough proposes to construct this trunk sewer with the assistance of Works Division-State Emergency Relief Board funds.

The Bureau of Sanitary Engineering has recommended the approval of the proposed sanitary trunk sewer along Scotts and Streets Runs and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on February eleventh, one thousand nine hundred and thirty-five, 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 sanitary trunk sewer along Streets Run from the existing septic tanks now used by Brentwood to a point of connection with the Streets Run sanitary trunk sewer now being built by the City of Pittsburgh, as the proposed sewer of Brentwood is shown upon a folio of six plans,

one of which bears the title: "Plan and Profile of Proposed Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins 31st. Ward, Pittsburgh, Mifflin & Baldwin Twp's., Allegheny Co., Pa. To Be Constructed by Borough of Brentwood June 14, 1934", and five of which bear the title: "Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins June 14, 1934" and one of which bears the additional subtitle: "Area Plan Streets Run Watershed 31st. Ward, Pittsburgh, Mifflin and Baldwin Townships and Brentwood Borough June 14, 1934"; the plans being designated respectively as "Sheet 1 of 6" to "Sheet 6 of 6", respectively, and all having been prepared by R.A. Schneider, Brentwood Borough Engineer, and having been received in the Greensburg Office of the Pennsylvania Department of Health on December nineteenth, one thousand nine hundred and thirty-four; and as proposed in the application; and a permit is hereby issued to the Borough of Brentwood, Allegheny County, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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 exceed-

ing six hundred feet measured along the line of the sewer.

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 Borough 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: This permit shall not be operative in so far as it relates to the discharge of the sewage from the Breatwood sewer system into the sewer system of the City of Pittsburgh until an agreement satisfactory to the Sanitary Water Board shall have been executed between the two municipalities providing for the reception and disposal by the City of Pittsburgh of the sewage of the Borough and a certified copy thereof in duplicate shall have been filed with the Sanitary Water Board.

TENTH: The Borough of Brentwood shall proceed expeditiously with the construction of the proposed sanitary trunk sewer in order that the existing nuisance conditions in Scotts Run caused by the discharge of the inadequately treated sewage of Brentwood Borough shall be abated at the earliest practicable date.

ELEVENTH: 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 Allegheny County.

SANITARY WATER BOARD

By:

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

Attest:

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

Harrisburg, Pennsylvania,
February eighteenth, one thousand
nine hundred and thirty-five.

11181

STATE OF PENNSYLVANIA :
: 83
COUNTY OF DAUPHIN :

On the day of
in the year one thousand nine hundred and thirty-five, before
me, the Subscriber, a Notary Public, came the above named
- - - - - EDITH 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.

.
Albert Jenkins
Notary Public

Form 615

Brentwood, Allegheny Co.

ENGINEERING DIVISION
OFFICE RECORD

11182

SERIAL NO. 6737 ^{attached} 1/19/35 Rec'd 2/1/35

APPLICATION FOR Streets Run Trunk Sewer

RECEIVED

PLANS: Number of 6 plans Date Rec'd 2/1/35 FEB 5 1935

Serial No. File # 2600 - Book # 23867 DISTRICT OFFICE

ASSIGNED TO Morgan Date 2/1/35 Field Ins'p D

REPORT BY Morgan Dated 1/29/35 Rec'd 2/1/35

ENGRS. STUDY NO. _____ Dated _____ Appr. Chief Engr. _____

SUBMITTED TO COMMISSIONER OF HEALTH _____ Returned _____

SUBMITTED TO ATTORNEY GENERAL _____

RETURNED FROM GOVERNOR _____

PERMIT: Dated _____ Sent to Commissioner _____ Returned _____

Sent to _____ Date _____

REMARKS _____

Application	January 19, 1935	No. 6737	Name	Borough Council	
Issued	February 18, 1935	Vol. 206	No. 5221	Place	Brentwood
Recorded		Vol.	Page	County	Allegheny
Report by	Morgan	No. 5686	Vol. 206	File No.	

Conditions and Stipulations	Disposition
<p>*****requesting a permit approving the construction of a sanitary trunk sewer eight thousand two hundred and thirty-five feet long in the Streets Run Drainage Basin to convey sewage from the present septic tank along Scotts Run, through Baldwin and Mifflin Townships to a proposed sanitary trunk sewer now being constructed along Streets Run by the City of Pittsburgh; the application having been made in accordance with the provisions of The Administrative Code approved April 9, 1929.</p> <p>Under authority of a resolution of the Sanitary Water Board adopted July 17, 1923, the data submitted with the application have been examined by the Bureau of Sanitary Engineering of the Department of Health which indicate that Brentwood is generally sewered throughout its developed portions; that the sewers serving that portion of the borough lying upon the drainage area of Saw Mill Run, are connected with the Saw Mill Run trunk sewer and that those sewers serving the portion of the borough lying upon the drainage area of Streets Run discharge sewage into septic tanks located along Scotts Run near the Brentwood Borough-Baldwin Twp. line; that the septic tanks aforesaid are in a dilapidated condition and that the sewage passing through them is discharged after inadequate treatment, into Scotts Run resulting in the creation of nuisance conditions in this Run.</p> <p>The study further shows that Brentwood now proposes to construct a sanitary trunk sewer from the septic tanks located along Scotts Run, down the valley of Scotts Run and along Streets Run through Baldwin and Mifflin Townships to a point of connection with the Streets Run sanitary trunk sewer now being constructed up the valley of this run by the City of Pittsburgh under a permit from the Sanitary Water Board.</p> <p>The study also shows that the sewer proposed to be constructed by Brentwood is of generally satisfactory design and suitable for serving as the main drainage line for those portions of the Streets Run drainage area naturally tributary thereto; that the construction of this sewer will permit the abatement of existing nuisance conditions in Scotts Run, which abatement the Borough of Brentwood is under orders from the Sanitary Water Board to bring about; and that the borough proposes to construct this trunk sewer with the assistance of Works Division-State Emergency Relief Board funds.</p> <p>The Bureau of Sanitary Engineering has recommended the approval of the proposed sanitary trunk sewer along Scotts and Streets Runs and the issuance of a permit therefore, subject to certain conditions.</p>	

The Sanitary Water Board at a meeting held on February 11, 1935 authorized the issuance of the permit recommended by the Bureau of Sanitary Engineering, approved by the Secretary of Health.

11184

Therefore, approval is hereby given of the proposed sanitary trunk sewer along Streets Run from the existing septic tanks now used by Brentwood to a point of connection with the Streets Run sanitary trunk sewer now being built by the City of Pittsburgh as the proposed sewer of Brentwood is shown upon a folio of six plans, one of which bears the title: "Plan and Profile of Proposed Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins 31st. Ward, Pittsburgh, Mifflin and Baldwin Twp's., Allegheny Co., Pa. To Be Constructed by Borough of Brentwood June 14 1934" and five of which bear the title: "Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins June 14, 1934" and one of which bears the additional subtitle: "Area Plan Streets Run Watershed 31st Ward Pittsburgh, Mifflin and Baldwin Townships and Brentwood Borough June 14, 1934"; the plans being designated respectively as "Sheet 1 of 6" to "Sheet 6 of 6" respectively and all having been prepared by R. S. Schneider, Brentwood Borough Engineer and having been received in the Greensburg Office of the Penna. Dept. of Health on December 19, 1934; and as proposed in the application; and a permit is hereby issued to the Borough of Brentwood, Allegheny County, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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

Application _____ No. _____	Name <u>Borough Council</u>
Issued _____ Vol. _____ No. _____	Place <u>Brentwood</u>
Recorded _____ Vol. _____ Page _____	County <u>Allegheny</u>
Report by _____ No. _____ Vol. _____	File No. _____

Conditions and Stipulations	Disposition
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the sewer.

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 borough 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: This permit shall not be operative in so far as it relates to the discharge of the sewage from the Brentwood sewer system into the sewer system of the City of Pittsburgh until such an agreement satisfactory to the Sanitary Water Board shall have been executed between the two municipalities providing for the reception and disposal by the City of Pittsburgh of the sewage of the borough and a certified copy thereof in duplicate shall have been filed with the Sanitary Water Board.

TENTH: The Borough of Brentwood shall proceed expeditiously with the construction of the proposed sanitary trunk sewer in order that the existing nuisance conditions in Scotts Run caused by the discharge of the inadequately treated sewage of Brentwood Borough shall be abated at the earliest practicable date.

ELEVENTH: 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 Allegheny County.

Form 801
 Recd Feb. 1, 1936 Htg.
 Recd Jan. 29, 1936 Dist. D
 Application January 19, 1936 No. 2737
 Issued February 18, 1936 Vol. 206 No. 5221 Title Brentwood
 Recorded Vol. Page Council Allegheny
 Report by Morgan No. 5686 Vol. 206 File No.

Conditions and Stipulations

Disposition

requesting a permit approving the construction of a sanitary trunk sewer 8,235 feet long in the Streets Run Drainage Basin to convey sewage from the present septic tank along Scotts Run, through Baldwin and Mifflin Townships to a proposed sanitary trunk sewer now being constructed along Streets Run by the City of Pittsburgh;

***which indicate that Brentwood is generally sewered throughout its developed portions; that the sewers serving that portion of the Borough lying upon the drainage area of Saw Mill Run, are connected with the Saw Mill Run trunk sewer and that those sewers serving the portion of the Borough lying upon the drainage area of Streets Run discharge sewage into septic tanks located along Scotts Run near the Brentwood Borough-Baldwin Township line; that the septic tanks aforesaid are in a dilapidated condition and that the sewage passing through them is discharged after inadequate treatment, into Scotts Run resulting in the creation of nuisance conditions in this Run.

The study further shows that Brentwood now proposes to construct a sanitary trunk sewer from the septic tanks located along Scotts Run, down the Valley of Scotts Run and along Streets Run through Baldwin and Mifflin Townships to a point of connection with the Streets Run sanitary trunk sewer now being constructed up the valley of this Run by the City of Pittsburgh under a permit from the Sanitary Water Board.

The study also shows that the sewer proposed to be constructed by Brentwood is of generally satisfactory design and suitable for serving as the main drainage line for those portions of the Streets Run drainage area naturally tributary thereto; that the construction of this sewer will permit the abatement of existing nuisance conditions in Scotts Run, which abatement the Borough of Brentwood is under orders from the Sanitary Water Board to bring about; and that the Borough proposes to construct this trunk sewer with the assistance of Works Division-State Emergency Relief Board funds.

The Bureau of Sanitary Engineering has recommended the approval of the proposed sanitary trunk sewer along Scotts and Streets Runs and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board

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Therefore, approval is hereby given of the proposed sanitary trunk sewer along Streets Run from the existing septic tanks now used by Brentwood to a point of connection with the Streets Run sanitary trunk sewer now being built by the City of Pittsburgh, as the proposed sewer of Brentwood is shown upon a folio of six plans, one of which bears the title: "Plan and Profile of Proposed Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins 31st. Ward, Pittsburgh, Mifflin & Baldwin Twp's., Allegheny Co., Pa. To Be Constructed by Borough of Brentwood June 14, 1934", and five of which bear the title: "Sanitary Trunk Sewer Streets Run and Scotts Run Drainage Basins June 14, 1934" and one of which bears the additional subtitle: "Area Plan Streets Run Watershed 31st. Ward, Pittsburgh, Mifflin and Baldwin Townships and Brentwood Borough June 14, 1934"; the plans being designated respectively as "Sheet 1 of 6" to "Sheet 6 of 6", respectively, and all having been prepared by R. A. Schneider, Brentwood Borough Engineer, and having been received in the Greensburg Office of the Pennsylvania Department of Health on December 19, 1934; and as proposed in the application; and a permit is hereby issued to the Borough of Brentwood, Allegheny County, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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 there will be required at junctions, manholes at the line

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Appropriation		No.	
Issued	✓	No.	
Recorded	✓	Pages	
Report by	No.	Date	1917

Conditions and Stipulations - 2 -

Disposition

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.

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 Borough 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: This permit shall not be operative in so far as it relates to the discharge of the sewage from the Brentwood sewer system into the sewer system of the City of Pittsburgh until an agreement satisfactory to the Sanitary Water Board shall have been executed between the two municipalities providing for the reception and disposal by the City of Pittsburgh of the sewage of the Borough and a certified copy thereof in duplicate shall have been filed with the Sanitary Water Board.

TENTH: The Borough of Brentwood shall proceed expeditiously with the construction of the proposed sanitary trunk sewer in order that the existing nuisance conditions in Scotts Run caused by the discharge of the inadequately treated sewage of Brentwood Borough shall be abated at the earliest practicable date.

ELEVENTH: 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 muni-

ality inconsistent with its lawful powers or
with existing laws of the Commonwealth regulating
sewerage and the practice of professional engineer-
ing.

11:89

TO BE RECORDED IN ALLEGHENY COUNTY.

Application _____	No. _____	Value _____
Issued _____	Vol. _____	No. _____
Recorded _____	Vol. _____	Page _____
Report by _____	No. _____	Vol. _____

Place: Brentwood
County: Allegheny
File No. _____

Conditions and Stipulations

Disposition

February 13, 1935

Sewerage Permit
Brentwood
Allegheny County.

To the Borough Council of
Brentwood, Allegheny County
Pennsylvania

Attention: F. H. Appenrodt, Secretary

Gentlemen:

At the meeting of the Sanitary Water Board held on February 11, 1935 the Board authorized the issuance of a permit approving the construction of a sanitary trunk sewer 8, 235' long in the Streets Run Drainage Basin with discharge of the sewage so collected into the proposed sanitary trunk sewer now being constructed by the City of Pittsburgh. The permit will be issued within the near future but we are taking this opportunity of advising you of the action of the Board in order to expedite the construction of your sewer as an unemployment relief project.

The conditions referred to include: continuance of relevant conditions of prior permits, no change of plans without written approval, construction under expert supervision and competent inspection, exclusion of roof and storm water, construction with tight joints, straight alignment, and smooth interior surfaces, construction of the necessary manholes, proper maintenance of the sewers, filing of plans upon completion of the work, the adoption of remedial measures in case of any menace to the public health or the creation of a public nuisance, and compliance with laws including that relating to professional engineering.

The permit will also contain a condition requiring the Borough of Brentwood to proceed expeditiously with the construction of the proposed sanitary trunk sewer in order to abate at the earliest practicable date existing nuisance conditions in Scotts Run. Also a condition that

the permit shall not be operative insofar as it relates to the discharge of sewage from the Brentwood sewer system to the sewer system of Pittsburgh until an agreement satisfactory to the Sanitary Water Board shall be executed between the two municipalities providing for the discharge of such sewage, and a copy filed with the Sanitary Water Board.

Appendix A-20-b

11191

Very truly yours,

J. R. Hoffert,
Civil Engineer,
Acting Secretary,
Sanitary Water Board.

JRH:d

PERMIT NO. 5338

BRENTWOOD SANITARY SEWERS IN DISTRICT 7

ISSUED OCTOBER 23, 1935

Application	August 26, 1935	No. 5868	Name	
Issued	October 23, 1935	Vol. 211	No. 5338	Place Brentwood
Recorded		Vol.	Page	County Allegheny
Report by	Morgan	No. 5802	Vol. 211	File No.

Conditions and Stipulations

Disposition

***** requesting a permit for the construction of sanitary sewers in Sanitary Sewer District No. 7 in the southeasterly section of Brentwood Borough comprising the South Lynwood and the Highland Land and Improvement Company Plans with discharge of the sewage so collected into Scotts Run and Streets Run Drainage basins where a treatment plant has been installed and where new trunk sewers are being constructed to convey the sewage into the Monongahela River at Rays;

***** which indicate that Brentwood is generally seweraged throughout its developed sections; that for sewerage purposes the borough has been divided into two main districts, the one draining to the Saw Mill Run Interceptor and the other to the Streets Run treatment works; that there is a section in the southeastern part of the borough known as the South Lynwood and the Highland Land and Improvement Company plans which is now without sewerage facilities; that in this area insanitary conditions exist; and that to provide sewerage for this area the borough has submitted a system of sanitary sewers to serve Sewer District No. 7.

The study further indicates that the sewage from the proposed sewers would be discharged by gravity to the Streets Run sewer except for a small area in the southern part of the District; that the sewage from this area would be collected to an automatically operated sewage pumping station, whence it would be lifted to a point of discharge to the main gravity sewer system in the District; that the proposed sewers are of generally satisfactory design but that the pumping station is to be provided with only one pumping unit; that in the event of failure of the pumping equipment there would be danger of the flooding of the pumping station or the overflow of sewage upon the surface; that the sewage from the Streets Run Drainage District is now treated in a dilapidated sewage treatment works along Scotts Run, a tributary of Streets Run; that the effluent of this plant is now unsatisfactory and the treatment of additional sewage in the plant would still further impair the quality of the effluent; that a trunk sewer is now being constructed by Brentwood, under a permit from the Sanitary

Water Board, down the valleys of Streets and Scotts Runs, to a point of connection with the trunk sewer now being constructed by Pittsburgh to convey the sewage of the Streets Run drainage area to a point of discharge into the Monongahela River at Hays; and that after completion of this trunk sewer, sewage can be satisfactorily disposed of by discharge thereto from the now proposed sewers for District No. 7.

The study also shows that in order to expedite the application of the borough for federal financial assistance, the Secretary of Health, upon the recommendation of the Bureau of Sanitary Engineering, granted ad interim approval, subject to certain conditions, under date of October 18, 1935 to the borough of Brentwood, of the proposed sewer system and sewage pumping station.

The Bureau of Sanitary Engineering ~~cons~~

The Sanitary Water Board at a meeting held on October 23, 1935, ratified the ad interim action of the Secretary of Health aforesaid and authorized issuance of a permit to the borough of Brentwood, Allegheny County, in accordance with the recommendations of the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given of the proposed sanitary sewer system and sewage pumping station to serve District No. 7 as these are shown upon a folio of three plans bearing the following titles: "Borough of Brentwood Automatic Sewage Pumping Station"; "Letting Plan - Profiles Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931 Book 106"; "Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931. Revised June 14, 1935. Book 106"; the plans having been prepared by R. A. Schneider, Borough Engineer, and having been received in the Greensburg Office of the Pennsylvania Department of Health on September 5, 1935; as proposed in the application; and a permit therefor, is hereby issued to the borough of Brentwood, Allegheny County, subject to the following conditions:

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

SECOND: During construction no radical changes shall be made from the plans herein approved unless the

Application	August 26, 1935	No.	2222	Name	
Issued	October 23, 1935	Vol.		Place	Brentwood
Received		Page		County	Allegheny
Report by	Morgan	No.		File No.	

Conditions and Stipulations -2- Disposition

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 300 feet measured along the line of the sewer.

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 borough shall file in the office of the State Department of Health satisfactory plans of all sewers constructed during this 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.

11197

SIXTH: In order to guard against failure of the pumping equipment, the borough shall provide duplicate pumping units at the automatic sewage pumping station; shall modify the plans for the station accordingly; and shall submit to and receive approval from the Bureau of Sanitary Engineering of such plans prior to construction of the pumping station.

SEVENTH: The right to use the herein approved sewers for the conveyance of the sewage or other wastes is specifically withheld until the main trunk sewer, now being constructed along Streets and Scotts Run by Brentwood and the city of Pittsburgh shall have been completed and until the herein approved sewers have been connected thereto.

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 health the municipality shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

The improvements being effected in the waters of the State through the progressive sanitary clean-up of streams by the Sanitary Water Board, with especial reference to certain kinds of pollution, render the effects of untreated municipal sewage upon these waters increasingly harmful or inimical to public interests, in consequence of which the time should be anticipated when such sewage must be suitably modified prior to its discharge thereto.

Therefore, the borough of Brentwood is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment of the sewage of Brentwood then the borough shall upon notice by the Board, within the time specified, submit to the Board for its approval, plans and report for the degree of treatment of the borough's sewage specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

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

Form 661 Rec'd Aug. 29, 1935 Dist. D.
Rec'd Sept. 11, 1935 Hbg.

Appendix A-20-b

11198

Application	August 26, 1935	No.	3868	Name	
Issued	October 23, 1935	Vol.		Place	Brentwood
Recorded		Page		County	Allegheny
Report by	Morgan	No.		File No.	

Condition and Stipulations	-3-	Disposition
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existing laws of the Commonwealth relating sewerage
and the practice of professions and engineering.

TO BE FILED

Application <u>Aug. 25, 1935</u>	No. <u>6868</u>	Name <u>Borough Council</u>
Issued <u>Oct. 23, 1935</u>	Vol. _____ No. _____	Place <u>Brentwood</u>
Recorded _____	Vol. _____ Page _____	County <u>Allagany</u>
Report by _____	No. _____ Vol. _____	File No. _____

Conditions and Stipulations	Disposition
<p>****requesting a permit for the construction of sanitary sewers in Sanitary Sewer District No. 7 in the southeasterly section of Brentwood Boro comprising of the South Lynwood and the Highland Land and Improvement Co. Plans with discharge of the sewage so collected into Scotts Run and Streets Run Drainage Basins where a treatment plant has been installed and where new trunk sewers are being constructed to convey the sewage into the Monongahela River at Hays; the application having been made in accordance with the provisions of the Administrative Code approved April 9, 1929.</p>	
<p>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 Sanitary Engineering of the Dept. of Health which indicate that Brentwood is generally sewered throughout its developed sections; that for sewerage purposes the borough has been divided into two main districts, the one draining to the Saw Mill Run Interceptor and the other to the Streets Run treatment works; that there is a section in the southeastern part of the southeastern part of the borough known as the South Lynwood and the Highland Land & Improvement Co. plans which is now without sewerage facilities; that in this area insanitary conditions exist; and that to provide sewerage for this area the borough has submitted a system of sanitary sewers to serve Sewer District No. 7.</p>	
<p>The study further indicates that the sewage from the proposed sewers would be discharged by gravity to the Streets Run sewer except for a small area in the southern part of the District; that the sewage from this area would be collected to an automatically operated sewage pumping station, whence it would be lifted to a point of discharge to the main gravity sewer system in the District; the proposed sewers are of generally satisfactory design but that the pumping station is to be provided with only one pumping unit; that in the event of failure of the pumping equipment there would be danger of the flooding of the pumping station or the overflow of sewage upon the surface; that the sewage from the streets Run Drainage District is now treated in a dilapidated sewage treatment works along Scotts Run, a tributary of Streets Run; that the effluent</p>	

11200

of this plant is now unsatisfactory and the treatment of additional sewage in the plant would still further impair the quality of the effluent; that a trunk sewer is now being constructed by Brentwood, under a permit from the Sanitary Water Board, down the valleys of Streets and Scotts Runs, to a point of connection with the trunk sewer now being constructed by Pittsburgh to convey the sewage of the Streets Run drainage area to a point of discharge into the Monongahela River at Hays; and that after completion of this trunk sewer, sewage can be satisfactorily disposed of by discharge thereto from the now proposed sewers for District No. 7.

The study also shows that in order to expedite the application of the borough for Federal financial assistance, the Sec. of Health, upon recommendation of the Bureau of Sanitary Engineering, granted ad interim approval, subject to certain conditions, under date of Oct. 18, 1935 to the borough of Brentwood, of the proposed sewer system and sewage pumping station.

The Bureau of Sanitary Engineering has recommended approval of the proposed sewer system and sewage pumping station to serve District No. 7, and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on Oct 23, 1935, ratified the ad interim action of the Secretary of Health aforesaid and authorized issuance of a permit to the borough of Brentwood, Allegheny County, in accordance with the recommendations of the Bureau of Sanitary Engineering, approved by the Secretary of Health.

Therefore, approval is hereby given of the proposed sanitary sewer system and sewage pumping station to serve District No. 7 as these are shown upon a folio of three plans bearing the following titles: "Borough of Brentwood Automatic Sewage Pumping Station"; "Letting Plan - Profiles Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931 Book 106"; "Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931, Revised June 14, 1936. Book 106"; the plans having been prepared by R. A. Schneider, Borough Engineer, and having been received in the Engineering Office of the Penna. Dept. of Health on Sept. 5, 1935; as proposed in the application; and a permit therefor is hereby issued to the borough of Brentwood, Allegheny County, subject to the following conditions;

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

SECOND: During construction no road shall be

Application _____	No. <u>6868</u>	Name _____
Issued _____	Vol. _____ No. _____	Place _____
Recorded _____	Vol. _____ Page _____	County _____
Report by _____	No. _____ Vol. _____	File No. _____

Conditions and Stipulations	SHEET "2"	Disposition
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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 through 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.

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 Dec. 31st of each year the board shall file in the office of the State Dept. of Health satisfactory plans of all sewers constructed during the 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 of the use of the system.

NINTH: In order to guard against failure of the

pumping equipment, the borough shall provide duplicate pumping units at the automatic sewage pumping station; shall modify the plans for the station accordingly; and shall submit to and receive from the Bureau of Sanitary Engineering of such plans prior to the construction of the pumping station.

11202

TENTH: The right to use the herein approved sewers for the conveyance of the sewage or other wastes is specifically withheld until the main trunk sewer now being constructed along Streets and Scotts Run by Brentwood and the city of Pittsburgh shall have been completed and until the herein approved sewers have been connected thereto.

ELEVENTH: 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 improvements being effected in the waters of the State through the progressive sanitary clean-up of streams by the Sanitary Water Board, with especial reference to certain kinds of pollution, render the effects of untreated municipal sewage upon these waters increasingly harmful or inimical to public interests, in consequence of which the time should be anticipated when such sewage must be suitable modified prior to its discharge thereto.

Therefore, the borough of Brentwood is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment of the sewage of Brentwood then the borough shall upon notice by the Board, within the time specified, submit to the board for its approval, plan and report for the degree of treatment of the borough's sewage specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

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 Allegheny County.

11203

RECEIVED

MAR 6 1936

DISTRICT OFFICE

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To the Borough Council of
Erentwood, Allegheny County
Pennsylvania.

On August twenty-ninth, one thousand nine hundred and thirty-five an application was received in the Greensburg Office of the Pennsylvania Department of Health from the borough of Erentwood, Allegheny County, requesting a permit for the construction of sanitary sewers in Sanitary Sewer District No. 7 in the southeasterly section of Erentwood Borough comprising the South Lynwood and the Highland Lynd and Improvement Company Plans with discharge of the sewage so collected into Scotts Run and Streets Run Drainage Basins where a treatment plant has been installed and where new trunk sewers are being constructed to convey the sewage into the Monongahela River at Hays; 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 indicates that Brentwood is generally served throughout its developed sections; that for sewerage purposes the borough has been divided into two main districts, the one draining to the Saw Mill Run Interceptor and the other to the Streets Run treatment works; that there is a section in the southeastern part of the borough known as the South Lynwood and the Highland Land and Improvement Company plans which is now without sewerage facilities; that in this area insanitary conditions exist; and that to provide sewerage for this area the borough has submitted a system of sanitary sewers to serve Sewer District No. 7.

The study further indicates that the sewage from the proposed sewers would be discharged by gravity to the Streets Run sewer except for a small area in the southern part of the District; that the sewage from this area would be collected to an automatically

operated sewage pumping station, whence it would be lifted to a point of discharge to the main gravity sewer system in the District; that the proposed sewers are of generally satisfactory design but that the pumping station is to be provided with only one pumping unit; that in the event of failure of the pumping equipment there would be danger of the flooding of the pumping station or the overflow of sewage upon the surface; that the sewage from the Streets Run Drainage District is now treated in a dilapidated sewage treatment works along Scotts Run, a tributary of Streets Run; that the effluent of this plant is now unsatisfactory and the treatment of additional sewage in the plant would still further impair the quality of the effluent; that a trunk sewer is now being constructed by Brentwood, under a permit from the Sanitary Water Board, down the valleys of Streets and Scotts Runs, to a point of connection with the trunk sewer now being constructed by Pittsburgh to convey the sewage of the Streets Run drainage area to a point of discharge into the Monongahela River at Rays; and that after completion of this trunk sewer,

sewage can be satisfactorily disposed of by discharge thereto from the now proposed sewers for District No. 7.

The study also shows that in order to expedite the application of the borough for federal financial assistance, the Secretary of Health, upon the recommendation of the Bureau of Sanitary Engineering, granted ad interim approval, subject to certain conditions, under date of October eighteenth, one thousand nine hundred and thirty-five to the borough of Brentwood, of the proposed sewer system and sewage pumping station.

The Bureau of Sanitary Engineering has recommended approval of the proposed sewer system and sewage pumping station to serve District No. 7, and the issuance of a permit therefor, subject to certain conditions.

The Sanitary Water Board at a meeting held on October twenty-third, one thousand nine hundred and thirty-five, ratified the ad interim action of the Secretary of Health aforesaid and authorized issuance of a permit to the borough of Brentwood, Allegheny County, in accordance with the recommendations of the Bureau of Sanitary Engineering, approved by the Secretary.

of Health.

Therefore, approval is hereby given of the proposed sanitary sewer system and sewage pumping station to serve District No. 7 as these are shown upon a folio of three plans bearing the following titles: "Borough of Brentwood Automatic Sewage Pumping Station"; "Letting Plan - Profiles Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931 Book 106"; "Sanitary Sewer System District No. 7 Brentwood Borough, Allegheny Co., Pa. August 13, 1931. Revised June 14, 1935. Book 105"; the plans having been prepared by E. A. Schneider, Borough Engineer, and having been received in the Greenburg Office of the Pennsylvania Department of Health on September fifth, one thousand nine hundred and thirty-five; as prepared in the application; and a permit therefor, is hereby issued to the borough of Brentwood, Allegheny County, subject to the following conditions:

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

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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, arcways, 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 cleaning 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.

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 borough shall file in the office of the State Department of Health satisfactory plans of all sewers constructed during this 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: In order to guard against failure of the pumping equipment, the borough shall provide duplicate pumping units at the automatic sewage pumping station; shall modify the plans for the station accordingly; and shall submit to and receive approval from the Bureau of Sanitary Engineering of such plans prior to construction of the pumping station.

NINTH: The right to use the herein approved sewers for the conveyance of the sewage or other wastes is specifically withheld until the main trunk sewer, now being constructed along Streets and Scotts Run by Brentwood and the city of Pittsburgh shall have been completed and until the herein approved sewers have been connected thereto.

TENTH: 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 improvements being effected in the waters of the State through the progressive sanitary clean-up

11211

of streams by the Sanitary Water Board, with especial reference to certain kinds of pollution, render the effects of untreated municipal sewage upon these waters increasingly harmful or inimical to public interests, in consequence of which the time should be anticipated when such sewage must be suitably modified prior to its discharge thereto.

Therefore, the borough of Erentwood is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment of the sewage of Erentwood then the borough shall upon notice by the Board, within the time specified, submit to the Board for its approval, plans and report for the degree of treatment of the borough's sewage specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

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.

-4-

11212

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

SANITARY WATER BOARD

By: Edith MacBride-Dexter, M. D.,
Chairman

Attest: J. E. Hoffert
Acting Secretary

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

11213

STATE OF PENNSYLVANIA :
 : SS
COUNTY OF DAUPHIN :

On the day of
in the year one thousand nine hundred and thirty-six,
before me, the Subscriber, a Notary Public, came the
above named

-- -- -- -- ERITH 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

6868

11214

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

Application relative to MUNICIPAL SEWERAGE

From Borough of Brentwood
(Name of municipality)

August 26, 1935,
(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 Borough of Brentwood in
(Name of municipality)

Allegheny County, in the Commonwealth of Pennsylvania, hereby make applica-
tion for the issuance of a permit for the construction of Sanitary Sewers in

(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 water of the State without treatment.

Sanitary Sewer District No. 7 or the southeasterly section of
Brentwood Borough, comprising the South Lynwood Plan and the

Highland Land and Improvement Company Plan
application for permission so to do must be made herein)

These sewers drain into Scotts Run and Streets Run Drainage
Basins where a treatment tank has been installed and where new
trunk sewers are being constructed to convey the sewage to the
Monongahela River at Hays, Pa.

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

R. A. Schneider
(Name of Engineer) and in the report thereon prepared by

R. A. Schneider
(Name of Engineer) all of which are made part of this application.

(Signed) J. C. Klein,

(Name)

Chairman of Council.
 3026 Churchview Ave.,
 Brentwood, Pittsburgh, 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. 280.

“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 of 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 sewer 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 225 (The General Township Code, Chapter 14. An Amendment To Include Article 3)

Section 1144. The supervisors shall make the necessary provisions 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. 306, as AMENDED JUNE 18, 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 sewerage 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 in above section so far as boroughs and townships are concerned (see citations on pages 670 and 671 of the pamphlet laws of 1915, and on pages 284 and 285 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, 1909, 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.

11217

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF Allegheny } ss:

F. H. Appenrodt 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 Boro of Brentwood and approved by the Council thereof, on the 12th day of July 19. 35 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 (Signed) F. H. Appenrodt (Name)

before me this 27th

day of August 19. 35

Secretary (Title)

(Signed) Charles Harry Braken Notary Public.

My Commission expires Feb. 21, 1939.

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 Permit to

11218

Brentwood Boro - Dist 7
 Allegheny Co Plans Recd 8/27/35
 Revised " " 9/5/35

checked

DWE
8/28/35

Horizontal Curves to remove

Wainwright Ave 0+00 to 1+72 OK

Burdinp Ave 0+64.7 to 2+48.1 OK

Manholes & lampholes required at breaks in grade

Bauman Ave Sta 0+50 LH OK

Tuxey Ave " 2+75 LH OK

Wainwright Ave " 2+50 LH OK

" " " 0+70 LH OK

Errmont Way " 3+50 MH OK

Tuxey Ave " 1+50 LH OK

Threnhauser Way " 6+30 MH OK

Right of Way - Line B " 1+20 LH OK

Threnhauser Way " 0+50 MH OK

Errors

Pinkney Way 920 to 1+35 Distance on plan shown as 135 OK

Bauman Ave - Surface Elevation at MH 7+13.9 shown as 1295.0
should be about 1275. OK

No Applications received

Details of Pump Station OK

Force Main: 6" 174' + 171' on Clairton Blvd. C I Pipe
 6" 2+82 + 90 " Veston Way
 18" 478'

11219

Brentwood Boro
 Allegheny Co
 Sewerage

Plan Recd 9/5/35
 checked DWE 9/5/35

Clairton Blvd Pumping Sta.

7'-6" x 4'-0" x 14'-5" Ground elev. 1221.0

Wet Well

Inlet @ elev. 1212.0

Dimensions 4'-4" x 3'-0" x 4'-0" = 52 cu ft = 390 Gals.

Trash Screen at inlet Float control to pump - Manhole

Bottom slopes to middle 5" (sloped)

Dry Well

4' x 4' x 8'

1 Vert Cent pump 125 GPM on 57' head.

4" Suction - 3" Discharge.

Switch, Vent Fan - 4" vent pipe 4" Fresh air inlet

Discharge line 345'-6" CI on Clairton Blvd
 288.2' " " " Veaton way
 47.8' 10" " " " " Gravity

Head = 1266.89 - 1207.67 = 59.22 Static

Friction head 633' = 1.01

Total head 60.23'

Est Ave Daily Flow 5.5 acres @ 30 @ 300 = 49,500 Gals.

Hrs operation @ 125' = 6.6 Hrs.

Inflow 34 gpm - Fill 11.5 min

Discharge 125' - Empty 4 min

Capacity 10" CI line on 1% Grade = 700 GPM.

11220

8000		
8170		
<u>225</u>		
8170	- 8" pipe	mi grad 0.5%
45	- 10" pipe	3.75%
650		

Force man

345	}	↗	6" C.I.
288			
<u>633</u>			
48			10" C.I.

SEWERAGE
BRENTWOOD BOROUGH - ALLEGHENY COUNTY
APPLICATION # 681/8

September 9, 1935.

On August 29, 1935 an application relative to municipal sewerage dated August 26, 1935 was received in the Greensburg District Office from the Borough of Brentwood, Allegheny County, requesting the issuance of a permit for "the construction of Sanitary Sewers in Sanitary Sewer District No. 7 or the southeasterly section of Brentwood Borough, comprising the South Lynnwood Plan and the Highland Land and Improvement Company Plan.

These sewers drain into Scotts Run and Streets Run Drainage Basins where a treatment tank has been installed and where new trunk sewers are being constructed to convey the sewage to the Monongahela River at Hays, Pa."

I have examined the application and plans submitted and present the following report.

GENERAL CONDITIONS

The Borough of Brentwood is mainly a residential community lying contiguous to and south of the 29th Ward of the City of Pittsburgh. It had a population in 1930 of 5,381.

The borough is supplied with a public water supply from the system of the South Pittsburgh Water Company, which filters and chlorinates water derived from the Monongahela River. For sewerage purposes, the borough is divided into two main districts, the section west of the Brownsville Road draining to Saw Mill Run and the section east of this road draining into Streets Run.

The borough is generally provided with a system of sanitary sewers. The sewage from the Saw Mill Run watershed is conducted to the Saw Mill Run interceptor and discharged into the Ohio River untreated with the sewage of several other municipalities. The sewage from the Streets Run watershed is at present conducted to a dilapidated disposal plant, but plans have been approved for the construction of a trunk sewer along Scotts and Streets Run to a main trunk sewer under construction by the City of Pittsburgh, and all the sewage from this watershed will ultimately be discharged untreated to the Monongahela River at Hays.

PRESENT APPLICATION

The borough now requests approval for the construction of sanitary sewers in District #7. This district is near the southern limits of the borough, is bounded on the west by the Brownsville Road, on the south by the Clairton Boulevard, on the east by the Baldwin Township line and on the north by Threnhauser Way. This drainage district is to be provided with a system of sanitary sewers as proposed in the application. With the exception of a small area, five acres in extent along the Clairton Boulevard, all the sewage from the district will be conveyed by gravity to existing sewers leading to the Scotts Run treatment works. The small section along Clairton Road which cannot drain by gravity to the

Scotts Run plant will be served by sanitary sewers leading to a small automatic pumping station where the sewage will be pumped to one of the proposed gravity sewers.

The sewer system for this district will consist of approximately 8,000 feet of 8 inch terra cotta pipe on a minimum grade of 0.5% and 700 feet of 10 inch sewer on a minimum grade of 1.0%.

In addition, approximately 630 feet of 6" cast iron force main will be provided.

All the sewage from the district will be discharged to existing sewers at the following points: 8 inch sanitary sewer at intersection of Bauman and Wainwright Avenues; 8 inch sanitary sewer at the intersection of Burdino Avenue and Dalewood Street; 10 inch sanitary sewer at intersection of Ermont Way and Threnhauser Way.

The pumping station will be located along the Clairton Boulevard just south of Stilley Road. The station will be entirely underground and will consist of a wet well, dry well, equipped with one electric automatic pump operated by a float control switch. A coarse bar screen is provided near the inlet sewer to protect the pump. The wet well will have a capacity of 390 gallons per minute. The pump will be of the vertical centrifugal type having a capacity of 125 gallons per minute when operating against a total head of 57 feet. The 6 inch discharge pipe from the pump will be laid along the Clairton Boulevard and thence along Veston Avenue to a 10 inch gravity sanitary sewer. The estimated daily flow from this section on a density of 30 persons per acre and a maximum sewage flow of 300 gallons per person per day will be 49,500 gallons, requiring an operation period for the pump of approximately 7 hours.

DISCUSSION

District #7 is badly in need of sanitary sewers, especially that section along the Clairton Road where public health nuisances exist due to improper disposal of sewage.

The borough desires to undertake construction of these sewers as a WPA Project and is making application for financial assistance.

The sewers as shown on the plans are satisfactory and therefore can be approved for construction.

The pumping station however is provided with only a single pump and in case of this pump being out of service for repairs the sewage reaching the station will either discharge the gravity sewer or overflow at the manhole on the wet well at the pumping station. The borough should give consideration to the installation of a duplicate pump in the station and should be required to do so in the permit.

The use of the proposed sewers should be withheld until the borough has completed the construction of the sanitary trunk sewer along Scotts and Streets Run to the trunk sewer of the City of Pittsburgh. If this sewer is not completed then the sewage from District #7 will aggravate sanitary conditions along Scotts Run as the present disposal plant is not adequate for the treatment of the sewage prior to discharge into this stream. The permit should therefore carry a stipulation withholding approval for the use of the sewers until the aforementioned trunk sewer has been completed.

RECOMMENDATIONS

In view of the foregoing circumstances, it is recommended that a permit be issued to the Borough of Brentwood, Allegheny County

as requested in the application of the borough dated August 26, 1935 and received in the Greensburg District Office August 29, 1935 approving construction of a system of sanitary sewers in District #7 and the automatic pumping station and force main as shown on the plan entitled "Sanitary Sewer System District No. 7 Brentwood Borough Allegheny Co. Pa." dated August 13, 1931 and revised June 14, 1935 and "Borough of Brentwood Automatic Sewage Pumping Station" dated September 5, 1935, prepared by R. A. Schneider, Borough Engineer and received in the Greensburg District Office September 5, 1935, subject to the following conditions:

FIRST: All relevant conditions of prior sewerage permits issued to the Borough of Brentwood 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: No storm water from pavements, area ways, 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 of proper inspection and thorough cleansing of the sewers. Generally they will be required at junction, 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 lamp hole 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 borough 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: The borough shall provide duplicate pumping equipment at the automatic pumping station in order to have a reserve unit in case one of the units is out of service for repairs.

TENTH: The right to the use of the herein approved sewers for the conveyance of domestic sewage is withheld until the main trunk sewer extending along Scotts Run and Streets Run has been completed and connected to the Streets Run trunk sewer of the City of Pittsburgh.

ELEVENTH: 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 nuisance 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.

TWELFTH: 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.

Respectfully submitted,

L. S. Morgan
District Engineer

LSM:p

Appendix A-20-b

Eventwood 1300 - Alltopping 50
Dist #7 Plant Seed 8/27/35

Sheet 1

Checked by [Signature] 8/28/35

OR	From	To	Length Feet	Grades %		Invert Elev. Feet	Cov- erge Feet	Drain- age Area Acres	Flow Contrib. M.G.D.	Capacity		Remarks
				Plan	Check					M.G.D.	Full	
"	7411.5	7411.5	270-8	4.0	4.0	1246.75	8			19.8		
"	7411.5	4411.5	200-8	4.0	4.0	1233.93	8			19.8		
"	4411.5	1414	292.8	2.6	2.6	1215.48	8.5			19.8		
"	1414	4400	174-8	2.0	2.0	1212.0	9	5.5	49.500	19.8		Pump Station To Bannock Station.
"	2019.8	4400	213.8-8	4.0	4.0	1224.03	9			19.8		
"	1115.4	10123.9	111.5-8	5.0	5.0	1272.74	10			19.8		
"	10123.9	7413.9	310-8	0.5	0.5	1265.66	10			19.8		
"	7413.9	6449.9	99-8	0.5	0.5	1265.16	10			19.8		
"	6449.9	2407.74	4079-8	0.5	0.5	1243.12	12			19.8		
"	2407.74	0+500	153-8	7.0	7.0	1249.77	16			19.8		
"	0+500	0+500	8-8	16.8	16.8	1259.78	6			19.8		
"	4436.8	2492.5	191.8-8	8.0	8.0	1224.24	7			19.8		
"	2492.5	1466.8	105.2-8	8.0	8.0	1226.53	7			19.8		
"	1466.8	0+00	166.8-8	2.0	2.0	1217.24	8			19.8		
"	0+00	1451.7	150-8	3.0	3.0	1228.92	9			19.8		
"	1451.7	0+00	151.7-8	5.4	5.4	1271.24	8			19.8		
"	4411.5	2430	96.9-8	10.5	10.5	1207.16	5	1207.4	5	19.8		
"	2430	2450	20-8	2.3	2.3	1198.89	7			19.8		
"	2450	0+00	250-8	2.0	2.0	1194.57	11			19.8		
"	0+00	0+00	113-8	11.0	11.0	1244.53	6			19.8		
"	1411.5	1411.5	25-8	12.0	12.0	1235.10	5			19.8		
"	1411.5	0+00	116.8-8	12.0	12.0	1218.05	4			19.8		
"	1401.8	4400	101.8-8	1.0	1.0	1217.06	7			19.8		
"	3720	1419.5	85-8	13.1	13.1	1248.92	6			19.8		
"	1419.5	4400	135-8	5.5	5.5	1224.95	8			19.8		
"	4400	4400	135-8	5.5	5.5	1217.06	7			19.8		

Ref: 3177.8 2431.8 146.8 15.2 15.20 1194.37 11

Noted Dist Long on plan
155 OF

PERMIT NO. 6270

BRENTWOOD SANITARY SEWERS IN DISTRICT 8

ISSUED APRIL 1, 1942



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

11340

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 borough of Brentwood, Allegheny County, in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed 12 inch sanitary trunk sewer along Clairton Boulevard, Viking Avenue and through private property as shown upon a plan submitted with and supplementing the said application. The plan bears the following title, "Sanitary Sewer System District No. 8 Brentwood Borough, Allegheny Co. Pa. March 15, 1950"; the plan having been prepared by R. A. Schneider, Borough Engineer and having been received in the Greensburg Office of the Pennsylvania Department of Health on May 3, 1950.**

F 11342

EPB This permit is issued subject to the following Special Conditions:

- A. The attention of the borough is directed to the fact that the plan of the proposed 12 inch sanitary trunk sewer for District No. 8 show thereon an existing 12 inch sanitary sewer in the Colonial Park section of the borough, which has never been approved by the Sanitary Water Board.

The borough is hereby directed to submit to the Sanitary Water Board for approval detail plans showing any such existing sewer or sewers now constructed or proposed to be constructed in the Colonial Park section and the right to use the herein approved 12 inch sanitary trunk sewer for the conveyance of any sewage from the said section is specifically withheld until after the aforesaid plans have been submitted to and approved by the Sanitary Water Board.

- B. The permittee's attention is particularly called to Standard Condition Four (a) hereinafter made a part of this permit, inasmuch as the plans present do not call for straight alignment between all manholes.
- C. The permittee's attention is particularly called to Standard Condition Sixteen hereinafter made a part of this permit. In consideration of the plans for the collection and treatment of the sewage for the Metropolitan Pittsburgh Area, the permittee shall begin the gathering of the necessary data for the preparation of plans for the collection and treatment of the sewage of Brentwood Borough, either by itself or in cooperation with other mutually interested municipalities, in anticipation of the notice referred to in Standard Condition Sixteen aforesaid.

24119

11344

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, 15, 16 and 17.

This permit is issued in response to an application (No. **7021**) filed in the **Greensburg** Office of the Pennsylvania Department of Health on the **11th** day of **May** A. D. 19 **39**

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

SANITARY WATER BOARD

By: _____

Acting Secretary of Health
Chairman

Attest: _____

Civil Engineer
Secretary

Harrisburg, Pennsylvania.
April 20, 1942

SEWERAGE
BRENTWOOD
ALLEGHENY COUNTY

41346

Application # 7621

November 8, 1939

On May 11, 1939 an application relative to sewerage was received in the Greensburg District Office from the Borough of Brentwood, Allegheny County, dated April 18, 1939, requesting the issuance of a permit for " the construction of a 12" Sanitary Trunk Sewer along the Westerly Side of Clairton Boulevard or State Highway Route No. 51 for 753 Ft., along the Northwesterly Side of Viking Avenue for 728 Ft., and through private property for 880 Ft. This proposed sewer is located in the Saw Mill Run Water Shed and will be connected with the trunk sewers leading to the Ohio River about one mile Northwest of the junction of the Monongahela and Allegheny Rivers. This construction is to be known as Sanitary Sewer System, District No. 8, Brentwood Borough."

The application was accompanied by plans showing the proposed sewers and by a check in the amount of five dollars as the filing fee.

I have examined the application and plans submitted and present the following report.

General Conditions

The Borough of Brentwood is mainly a residential

-2-

community located in the South Hills contiguous to and south of the city of Pittsburgh. The borough had a 1930 population of 5,381.

The borough is supplied with a public water supply from the system of the South Pittsburgh Water Company which obtains its source of supply from the Monongahela River; filters, softens and chlorinates the water prior to distribution.

The borough is divided into two main watershed areas by the Brownsville Road, the district lying to the west of this road draining toward Saw Mill Run and the district to the east toward Streets Run.

The borough is generally provided with a system of sanitary sewers. The sewage on the Saw Mill Run watershed area is generally conducted to the Saw Mill Run Interceptor. The sewage from the Streets Run area is conducted to a sanitary trunk sewer along Scotts and Streets Run and discharged to the Monongahela River, at Hays.

A number of sewerage permits have been issued to the Borough of Brentwood, the most recent of which was on October 23, 1935 which granted permission for the construction of sanitary sewers in District #7. The use of these sewers was withheld until the new sewer along Scotts Run and Streets Run was constructed by the Borough of Brentwood.

This trunk sewer is completed and is now in use and, therefore, all the sewage is being discharged to the Monongahela River, at Hays and the old sewage treatment plant on

194
11345

Scotts Run has been abandoned.

Present Application

The borough at present desires to construct a 12" sanitary trunk sewer for sewer district #8. This trunk sewer will be an extension to an existing trunk sewer following along the Clairton Road to the Saw Mill Run trunk sewer at Fair Haven, Pittsburgh. This trunk sewer will consist of 2360 ft. of 12" terra cotta pipe laid on a minimum grade of .5% with a maximum manhole spacing of 415 ft. The trunk sewer will start from the existing trunk sewer near the intersection of Clairton Road and Hilleon Avenue in the southeastern part of Brentwood, extending a distance of 753 ft. along the Clairton Road in a southerly direction, thence a distance of 728 ft. along Viking Avenue, and thence 880 ft. through private property generally paralleling Clairton Road to Rockwood Drive in Colonial Park where it connects with an existing 12" sanitary sewer. The watershed area in Brentwood tributary to the lower terminus of this trunk sewer would be approximately 50 acres. The existing Clairton Road trunk sewer was originally designed for a density of population of 30 per acre and an average sewage flow of 100 gallons per capita with a maximum flow of 225 gallons per capita. On the same design basis the present trunk sewer would be designed for a future population of 1500, an average sewage flow of 150,000 g.p.d. and a maximum flow of 338,000 g.p.d. The capacity of the trunk sewer flowing full at its minimum grade would be 1.3 m.g.d.

1548

4

and a velocity flowing half-full of 3 ft. per second.

The trunk sewer is therefore adequate for present and future needs, is generally of a satisfactory design and can be approved.

Discussion

This branch trunk sewer is evidently needed to carry off the sewage from an area tributary to Clairton Road at Hillson Avenue.

The plan submitted with the present application shows that there is an existing 12" sanitary sewer in what is known as Colonial Park at the upper terminus of the proposed 12" sanitary trunk sewer. There are no records in the Department files to show that the Department has ever approved any system of sewers or 12" sanitary trunk sewer in the Colonial Park area. The sewer on the plan is shown as an existing sewer which was evidently constructed by the borough without securing a permit from the Sanitary Water Board as required by law.

The permit should, therefore, require the borough to submit for approval plans of any sewerage system heretofore constructed or contemplated in the Colonial Park area tributary to the proposed sanitary trunk sewer, and should withhold approval for the use of the proposed 12" sanitary trunk sewer until the borough submits the required plans and secures approval therefor from the Sanitary Water Board.

The proposed sewer along the Clairton Boulevard

is to be laid on a horizontal curve to conform to ^{the curve} ~~the curve~~ ⁶⁴ the curve in the boulevard. This sewer should be laid on straight alignment between manholes and the permit should require the submission of a revised plan showing the elimination of the horizontal curve in the sewer prior to its construction.

Recommendations

In view of the foregoing circumstances it is recommended that a permit be issued to the Borough of Brentwood, Allegheny County in response to its application dated April 18, 1939 and received in the Greensburg District Office May 11, 1939 approving the construction of the 12" sanitary trunk sewer in Sanitary Sewer System District No. 8 as shown on plan entitled, "Sanitary Sewer System District No. 8 Brentwood Borough Allegheny Co., Pa." dated March 15, 1939 and received in the Greensburg District Office May 3, 1939, prepared by R. A. Schneider, Borough Engineer, subject to standard conditions (new) #1, 2, 3, 4, 5, 6, 9, 10, 13, 14, 15 and the following special conditions:

a. The attention of the Borough of Brentwood is directed to the fact that plans showing the 12" sanitary trunk sewer for District #8 show thereon an existing 12" sanitary sewer in the Colonial Park section of the borough, which has never been approved by the Sanitary Water Board.

The borough is hereby directed to submit to the Sanitary Water Board for approval detail plans showing any such existing sewer or sewers now constructed or proposed to be constructed in this area and the right to use the proposed 12" sanitary trunk sewer for the conveyance of any sewage from

11351

the Colonial Park area is specifically withheld until after the aforesaid plans have been submitted to and approved by the Sanitary Water Board.

b. Prior to the construction of the proposed sanitary trunk sewer, revised plans shall be submitted showing the elimination of the horizontal curve in the sewer on the Clairish Boulevard and providing for straight alignment between manholes with the changes in direction to be made in the manholes.

Respectfully submitted,

L. B. Morgan
District Engineer

LSM:rv

11352

APPLICATION NO. 7621

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

April 18, 1939.

(Date)

From Borough of Brentwood
(Name of Municipality or "Person")

County of Allegheny
(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 "COMMON-
WEALTH OF PENNSYLVANIA-DEPARTMENT OF
REVENUE" FOR FIVE DOLLARS MUST BE AT-
TACHED 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 Borough of Brentwood

(Name of Municipality)

OR _____ in
(Name of person)

Allegheny County,

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for
the construction of a 12" Sanitary Trunk Sewer along the Westerly Side
(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.
of Clairton Boulevard or State Highway Route No. 51 for 753 Ft., along
If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do must be made hereto. If
the Northwesterly side of viking Avenue for 728 Ft., and through private
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence
property for 830 ft. This Proposed sewer is located in the Sew Mill Run
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
Water Shed and will be connected with the trunk sewers leading to the
not or will not become nuisance or injurious to the public health, or to animal or aquatic life or to the use of such waters for domestic or industrial
Ohio River about one mile Northwest of the junction of the Monongahela
(consumption or for recreation.)
and Allegheny rivers. This construction is to be known as Sanitary
Sewer System, District No. 8, Brentwood Borough.

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

R. A. Schneider, Borough Engineer, 2704 Brownsville Road, Pgh 10 Pa.
(Name of Engineer)

and in the report thereon prepared by

R. A. Schneider
(Name of Engineer)

all of which are made part of this application.

[Handwritten Signature]
(Name)

President of Council
(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 Allegheny

} SS:

F.H. Appenrath

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 Borough of Brentwood
and approved by the Council thereof, on the 18th
day of April 1939 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

[Handwritten Signature]
(Name)

before me this

22nd

Borough Secretary.
(Title)

day of

April

Charles Harry Braeken
1939
Public

My Commission expires

CHARLES HARRY BRAEKEN, N.P.
MY COMMISSION ON EXPIRES
1st. 1943

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."

BOROUGHES: 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 May 28, 1935, P. L. 463, and 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 24, 1931, P. L. 932, Sections 3240-3241, as amended April 4, 1935, P. L. 17, and May 27, 1937, P. L. 630; BOROUGHS, May 4, 1927, P. L. 519, Sections 2107-2111, as amended April 4, 1935, P. L. 18, 1935, P. L. 1290; TOWNSHIPS—FIRST CLASS—June 24, 1931, P. L. 10; TOWNSHIPS—SECOND CLASS—May 4, 1927, P. L. 2441, as amended April 4, 1935, P. L. 22; TOWNSHIPS—SECOND CLASS—May 4, 1927, P. L. 2441, as amended April 4, 1935, P. L. 19.

SEWER RENTAL—See Act approved July 18, 1935, P. L. 1286, amended by Act approved May 4, 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

11355

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

RECEIVED
MAY 11 1939
DISTRICT OFFICE
D

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

*Entered
Feb*

*Copied
4/23/42
2*

11356

April 20, 1942

*27621
4/18/39
merged*

**Sewerage Permit
Borough of Brentwood
Allegheny County**

**Mr. F. H. Appenrodt
Secretary Borough Council
Brentwood, Pa.**

Dear Sir:

Acknowledgment is made of the receipt of your \$20.00 permit fee (check No. 7771 drawn on the Iron and Glass Dollar Savings Bank, Pittsburgh, Pa. in favor of the Pennsylvania Department of Revenue) and accordingly we transmit herewith the sewerage permit authorized by the Sanitary Water Board and dated April 20, 1942.

We believe the permit will be self-explanatory but should questions concerning it arise, these can be taken up direct with the District Engineer, L. S. Morgan, 415 First National Bank Building, Greensburg, 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 Allegheny County.

Please deliver the enclosed blank certificate and stamped envelope to the Recorder of Deeds when having your permit recorded, and request the Recorder to fill in the blank, sign it, attach his official seal, and return it to the writer in care of the State Department of Health, Harrisburg, Pennsylvania.

Very truly yours,

**J. R. Hoffert
Civil Engineer
Secretary Sanitary Water Board**

JRH:ia
Enc. 3

P.w.k.

Recd. Nov. 10, 1939 - Reg.

Recd. May 11, 1939 - Dist. D

Application April 18, 1939

No. 7021

Name

Issued April 1, 1942

Vol. 239

No. 6270

Place

Brentwood

Recorded

Vol.

Page

County

Allegheny

Report by

Morgan

No.

6505

Vol.

239

File No.

Conditions and Stipulations	Disposition
<p>***** the borough of Brentwood, Allegheny County, in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed 12" sanitary trunk sewer along Clairton boulevard, Viking Avenue and through private property as shown upon a plan submitted with and supplementing the said application. The plan bears the following title, "Sanitary Sewer System District No. 8 Brentwood Borough, Allegheny Co. Pa. March 15, 1939"; the plan having been prepared by R. A. Schneider, Borough Engineer and having been received in the Greensburg Office of the Pennsylvania Department of Health on May 3, 1939.</p> <p>This permit is issued subject to the following Special Conditions:</p> <p>A. The attention of the borough is directed to the fact that the plan of the proposed 12" sanitary trunk sewer for District No. 8 shows thereon an existing 12" sanitary Sewer in the Colonial Park section of the borough, which has never been approved by the Sanitary Water board.</p> <p>The borough is hereby directed to submit to the Sanitary Water board for approval detail plans showing any such existing sewer or sewers now constructed or proposed to be constructed in the Colonial Park section and the right to use the herein approved 12" sanitary trunk sewer for the conveyance of any sewage from the said section is specifically withheld until after the aforesaid plans have been submitted to and approved by the Sanitary Water Board.</p> <p>B. The permittee's attention is particularly called to Standard Condition Four (a) hereinafter made a part of this permit, inasmuch as the plans present do not call for straight alignment between all manholes.</p> <p>C. The permittee's attention is particularly called to Standard Condition 16 hereinafter made a part of this permit. In consideration of the plans for the collection and treatment of the sewage for the Metropolitan Pittsburgh Area, the permittee shall begin the gathering of the necessary data for the preparation of plans for</p>	

the collection and treatment of the sewage of Brentwood Borough, either by itself or in cooperation with other mutually interested municipalities, in anticipation of the notice referred to in Standard Condition 16 aforesaid.

11360

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, 15, 16
and 17.

This permit is issued in response to an application (No. 7621) filed in the Greensburg Office of the Pennsylvania Department of Health on the 11th day of May A. D. 1939.

TO BE RECORDED IN ALLEGHENY COUNTY

Application	April 18, 1939	No.	7621	Name	Borough Council
Issued	April 20, 1942	Vol.	No.	Place	Brentwood 11361
Recorded	Vol.	Page		County	Allegheny County
Report by	Morgan	No.	Vol.	File No.	

Conditions and Stipulations

Disposition

***hereby issues this permit to the Borough of Brentwood, Allegheny County, in response to an application from the said Municipality and hereby approves, subject to certain conditions, the proposed 12 inch sanitary trunk sewer along Clairton Boulevard, Viking Avenue and through private property as shown upon a plan submitted with and supplementing the said application. The plan bears the following title, "sanitary Sewer System District No. 8 Brentwood Borough, Allegheny Co. Pa. March 15, 1939"; the plan having been prepared by W. A. Schneider, Borough Engineer and having been received in the Greensburg Office of the Pennsylvania Department of Health on May 3, 1939.

This permit is issued subject to the following special conditions:

A. The attention of the borough is directed to the fact that the plan of the proposed 12 inch sanitary trunk sewer for District No. 8 shows thereon an existing 12 inch sanitary sewer in the Colonial Park Section of the borough, which has never been approved by the Sanitary Water Board.

The borough is hereby directed to submit to the Sanitary Water Board for approval detail plans showing any such existing sewer or sewers now constructed or proposed to be constructed in the Colonial Park section and the right to use the herein approved 12 inch sanitary trunk sewer for the conveyance of any sewage from the said section is specifically withheld until after the aforesaid plans have been submitted to and approved by the Sanitary Water Board.

B. The permittee's attention is particularly called to Standard Condition Four (a) hereinafter made a part of this permit, inasmuch as the plans present do not call for straight alignment between all manholes.

C. The permittee's attention is particularly called to Standard Condition Sixteen hereinafter made a part of this permit. In consideration of the plans for the collection and treatment of the sewage for the Metropolitan Pittsburgh Area, the permittee shall begin the gathering of the necessary data for the preparation of plans for the collection and treatment of the sewage of Brentwood Borough, either by itself or in cooperation with other mutually interested municipalities, in anticipation of the notice referred to in Standard Condition Sixteen aforesaid.

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, 15, 16 and 17.

11362

This permit is issued in response to an application No. 7621 filed in the Greensburg Office of the Pennsylvania Department of Health on the 11th day of May A. D. 1939.

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

PERMIT NO. 6782

**BRENTWOOD SANITARY SEWERS IN DISTRICTS
8A AND 1E**

ISSUED JULY 31, 1947

EE 511

 AH 553
 554
 11232
 AH 6782


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 Borough of Brentwood, Allegheny County, in response to two applications from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewers in Sanitary Sewer Districts S-A (Dellwood Village Plan) and 1-E (Brentwood Manor No. 1) as shown upon four plans supplementing the applications. The plan for Sanitary Sewer District S-A bears the title "Brentwood Borough Sanitary Sewer District, S-A for Dellwood Village Plan Allegheny County, Penna. To be constructed under Private Contract by Frank M. Corace" and was prepared by T. J. McGovern, Registered Engineer. The three plans for Sanitary Sewer District 1-E, bearing the titles;**

3. **Plan of Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1 Layers of South Hill Land Developing, Inc. Situate in Brentwood Boro, Allegheny Co., Pa.;" "Profile of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1**

Laterals of South Hills Land Developing, Inc. Situate in Brentwood Boro; Allegheny Co., Pa."; and "Profile of Sewer Easment & Sections of Beechdale St. for Proposed Sewer Dist. 1 E For Brentwood Menor No. 1. Laterals of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa.", were prepared by R. A. Schneider, Borough Engineer. All the plans were received in the Greensburg Office of the Pennsylvania Department of Health, the first mentioned plan having been received on November 12, 1946 and the three last plans having been received on December 16, 1946.

70311

11236

This permit is issued subject to the following Special Conditions:

"A". The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the aforesaid notice.

RECORDED
 AUG - 21 1945
 70311

CCSII

11238

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWELAGE" effective November 1, 1942 attached hereto: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 16, 17 and 18

This permit is issued in response to an applications (No. A-553 A-554) filed in the Greensburg Office of the Pennsylvania Department of Health on the 12th day of November A. D. 19

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

SANITARY WATER BOARD

By: J. Moore Campbell, M. D. Deputy Secretary of Health Acting Chairman

Attest: Wm. A. Gorman -Civil-Engines Secretary

Harrisburg, Pennsylvania.

July 31, 1947

RECEIVED JUL 31 1947

1939

STATE OF PENNSYLVANIA

COUNTY OF

SS

11240

On the _____ day of _____ in the _____
year one thousand nine hundred and _____, 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 afore-
said.

NOTARY PUBLIC

RECEIVED
AUG - 21 1941
DISTRICT OFFICE
"C"

APPLICATION NO. 11242

11242

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

October 15th., 1968.

(Date)

From Brentwood Borough Council Allegheny
(Name of Municipality or "Person") (County)

IF A "PERSON": Project is located in Brentwood Borough
(Name of Municipality or Township)

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

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH 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, 1928, 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 Brentwood Borough
(Name of Municipality)

or _____ in Allegheny County,
(Name of person)

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for the construction of Sanitary Sewers, in Sanitary Sewer District 1-3
(Describe briefly the sewerage project for which this application is made, adding in a few words what the accompanying plans and report show in detail. (Brentwood Manor Plan No. 1 Laterals). This district discharges into
If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission so to do, must be made hereon. If
trunk sewers in the Streets Run Drainage Basin, which in turn empties
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence
into the Monongahela River, at Rays, Pa.

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.)

11243

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by
 E. A. Schneider, Borough Engineer, 3704 Crownsville Road, Pch. (10) Pa.
(Name of Engineer)
 and in the report thereon prepared by E. A. Schneider
(Name of Engineer)
 all of which are made part of this application.

Brentwood Borough Council
(Name)
E. R. Martin
(Title)
 President of Council
(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 Allegheny

} SS:

F.H. Appenrodt being duly Sworn according to
 law deposes and says that the foregoing application is made in pursuance of a Ordinance
 duly adopted by the Council of the Borough of Brentwood
 and approved by the Burgess thereof, on the 8th
 day of OCTOBER 1946 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
 before me this 7th
 day of Nov. 1946

F.H. Appenrodt
(Name)
 F.H. Appenrodt - Secretary
(Title)

Matthew Spising
(Name)
 My Commission expires Jan 27, 1948

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 29, 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

Appendix A-20-b

1275

RELATIVE TO FEES:-(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING
OFFICE RECORD

RECEIVED
NOV 1 1946
DISTRICT OFFICE

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 _____

APPLICATION NO. A-552

11246

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

October 19th., 1948.

(Date)

From Brentwood Borough Council Allegheny
(Name of Municipality or "Person") (County)

IF A "PERSON": Project is located in Brentwood Borough
(Name of Municipality or Township)

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

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH 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 "the corporate
authorities having by law charge of the sewer system" of Brentwood Borough
(Name of Municipality)

or _____ in Allegheny County,
(Name of person)

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for
Sanitary Sewer District B-A laterals
construction of sanitary sewers in Bellwood Village Plan, Brentwood
(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.)
Borough, to provide sewers for sixty-five houses now under construction.
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
This sewage will empty into the Sew Mill Run Trunk Sewer which empties
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence
into the Ohio River through sewers of the City of Pittsburgh.
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.)

11247

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

T. J. McGovern
(Name of Engineer)

and in the report thereon prepared by

T. J. McGovern
(Name of Engineer)

all of which are made part of this application.

COUNCIL OF BRENTWOOD BOROUGH
(Name)

F. H. Appenrodt
(Title)

F. H. Appenrodt, Secretary
(Post Office address for further correspondence)

Municipal Building
Brownsville Road
Pittsburgh 27, Pa.

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF Allegheny

} SS:

F. H. Appenrodt 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 Borough of Brentwood

and approved by the Burgess thereof, on the 8TH

day of OCTOBER 1946 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

F. H. Appenrodt
(Name)

before me this 4 day of NOV. 1946

F. H. Appenrodt, Secretary
(Title)

Walter J. ...
Notary Public

My Commission expires Jan. 22, 1948

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. 462, 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

Appendix A-20-b

RELATIVE TO FEES:-(Revision February 16, 1944)

11249

"THEREFORE BE IT RESOLVED That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1937, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

RECEIVED
NOV 1944
DISTRICT "D"

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 _____

11750



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~~ Borough of Brentwood, Allegheny County, in response to two applications from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewers in Sanitary Sewer Districts B-A (Dellwood Village Plan) and 1-E (Brentwood Menor No. 1) as shown upon four plans supplementing the applications. The plan for Sanitary Sewer District B-A bears the title "Brentwood Borough Sanitary Sewer District, B-A for Dellwood Village Plan Allegheny County, Penna. To be constructed under Private Contract by Frank M. Corace" and was prepared by T. J. McGovern, Registered Engineer. The three plans for Sanitary Sewer District 1-E, bearing the titles; "Plan of Proposed Sanitary Sewer Dist. 1 E For Brentwood Menor No. 1 Laterals of South Hill Land Developing, Inc. Situate in Brentwood Boro, Allegheny Co., Pa."; "Profile of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E For Brentwood Menor No. 1

SECRET

11252

Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro; Allegheny Co., Pa."; and "Profile of Sewer Easment & Sections of Beechdale St. for Proposed Sewer Dist. 1 E For Brentwood Menor No. 1. Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa.", were prepared by R. A. Schneider, Borough Engineer. All the plans were received in the Greensburg Office of the Pennsylvania Department of Health, the first mentioned plan having been received on November 12, 1946 and the three last plans having been received on December 16, 1946.

RECORDED
 1946-11-12
 201

23311

11251

This permit is issued subject to the following Special Conditions:

"A". The permittee's attention is called to the notice dated May 18, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the aforesaid notice.

C. S. W. BOARD
 1945-00A
 301

11256

73511

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, 16, 17 and 18**

This permit is issued in response to an application (No. **A-553**) filed in the **Greensburg** Office of the Pennsylvania Department of Health on the **18th** day of **November** A. ~~19~~ **19**

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

SANITARY WATER BOARD

By: J. Moore Campbell, M. D.
Deputy Secretary of Health
Acting Chairman

Attest: Wm. A. Gorman
Civil Engineer
Secretary

Harrisburg, Pennsylvania.

July 31, 1947

RECORDED
AUG - 2 1947
DISTRICT

CSSE

11258

STATE OF PENNSYLVANIA }
COUNTY OF } SS

On the day of in the
year one thousand nine hundred and 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 afore-
said.

NOTARY PUBLIC

RECORDED
AUG - 21 1944
DISTRICT OFFICE
"D"

HSE 664-1M-440

Recd. Nov. 13, 1946 - Hbg.
 Recd. Nov. 12, 1946 - Dist. D

Application Oct. 19, 1946 No. A-553

Name

Issued July 31, 1947 Vol. 272 No. 6782

Place Brentwood

11260

Recorded Aug. 6, 1947 *Instrument No. 52537* Page

County Allegheny

Report by Kremer No. 7330 Vol. 272

File No.

Conditions and Stipulations

Disposition

* * * the Borough of Brentwood, Allegheny County, in response to two applications from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewers in Sanitary Sewer Districts 8-A (Dellwood Village Plan) and 1-E (Brentwood Manor No. 1) as shown upon the plans supplementing the applications. The plan for Sanitary Sewer District 8-A bears the title "Brentwood Borough Sanitary Sewer District, 8-A for Dellwood Village Plan Allegheny County, Penna. To be constructed under Private Contract by Frank M. Corace" and was prepared by T. J. McGovern, Registered Engineer. The three plans for Sanitary Sewer District 1-E, bearing the titles; "Plan of Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1 Laterals of South Hill Land Developing, Inc. Situate in Brentwood Boro, Allegheny Co., Pa."; "Profile of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1 Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro; Allegheny Co., Pa."; and "Profile of Sewer Easment & Sections of Beechdale St. for Proposed Sewer Dist. 1 E For Brentwood Manor No. 1. Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa.", were prepared by R. A. Schneider, Borough Engineer. All the plans were received in the Greensburg Office of the Pennsylvania Department of Health, the first mentioned plan having been received on November 12, 1946 and the three last plans having been received on December 16, 1946.

This permit is issued subject to the following Special Conditions:

"A". The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the aforesaid notice.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWEPAGE" effective November 1, 1942, attached hereto:

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 16, 17 and

Conditions and Stipulations

Disposition
Appendix A-20-b

This permit is issued in response to applications
(No. A-553) filed in the Greensburg Office of the
A-554)
Pennsylvania Department of Health on the 12th day of
November A. D. 1946.

11261

TO BE RECORDED IN ALLEGHENY COUNTY

Application <u>October 19, 1946</u>	No. <u>1-553</u>	Name <u>Burgess & Members of Boro. Council</u>
Issued <u>July 01, 1947</u> Vol. <u>Inst. 22632</u>	No. _____	Place <u>Brentwood</u>
Recorded <u>7-31-47</u>	Page _____	County <u>Allegheny County</u>
Report by <u>Krenar</u>	No. _____	File No. <u>11262</u>

Conditions and Stipulations	Disposition
<p>***hereby issues this permit to the Borough of Brentwood, Allegheny County, in response to two applications from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewers in Sanitary Sewer Districts 8-A (Dellwood Village Plan) and 1-E (Brentwood Manor No. 1) as shown upon four plans supplementing the applications. The plan for Sanitary Sewer District, 8-A bears the title "Brentwood Borough Sanitary Sewer District, 8-A for Dellwood Village Plan Allegheny County, Penna. To be constructed under Private Contract by Frank M. Corace" and was prepared by T. J. McGovern, Registered Engineer. The three plans for Sanitary Sewer District 1-E, bearing the titles; "Plan of Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1 Laterals of South Hill Land Developing, Inc. Situate in Brentwood Boro, Allegheny Co., Pa."; "Profile of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1 Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro; Allegheny Co., Pa."; and "Profile of Sewer Easment & Sections of Beechdale St. for Proposed Sewer Dist. 1 E For Brentwood Manor No. 1. Laterals Of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa."; were prepared by R. A. Schneider, Borough Engineer. All the plans were received in the Greensburg Office of the Pennsylvania Department of Health, the first mentioned plan having been received on November 12, 1946 and the three last plans having been received on December 16, 1946.</p> <p>This permit is issued subject to the following Special Conditions:</p> <p>"A" The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the aforesaid notice.</p>	

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, 12, 15, 16, 17 and 18

11263

This permit is issued in response to ~~xx~~ applications (No. A-553, A-554) filed in the Greensburg Office of the Pennsylvania Department of Health on the 12th day of November A.D. 1948

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

Application	S. W. B. Order		No.	Name	Borough Council
Issued	Vol.	No.	Place	Brentwood	11764
Recorded	Vol.	Page	County	Allegheny County	
Report by	No.	Vol.	File No.		

Conditions and Stipulations	Disposition
<p style="text-align: center;">May 16, 1945</p> <p>Sewerage Brentwood Allegheny County</p> <p>To the Borough Council of Brentwood, Pennsylvania</p> <p>Gentlemen:</p> <p>Pursuant to the duty imposed upon the Sanitary Water Board by the Act of June 22, 1937, P.O. 1937, and relevant law to protect the waters of the Commonwealth against pollution, and in accordance with the Board's comprehensive and equitable program for stream protection and improvement upon a State-wide basis, as set forth in the public hearings which it has recently held, the Board by action on January 17, 1945 directed that you be - and you are hereby notified as follows:</p> <p>By the aforesaid Act the discharge of sewage or industrial waste into the waters of the Commonwealth is declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance. The Act further authorizes the Board to order the discontinuance of such discharges and specifies that discontinuance when required shall be effected within two years in the case of municipalities.</p> <p>Therefore, in accordance with the aforesaid law and with Conditions "C" and 18 of the sewerage permit issued to you by the Commonwealth under date of April 1, 1942 you are hereby directed to discontinue the discharge of sewage into the waters of the Commonwealth on or before May 16, 1947. Manifestly such discontinuance can in your case be accomplished only by the treatment of the sewage of your borough to reduce or remove its polluting properties and the law further requires that the plans for works to treat your sewage shall be approved by the Board before they are constructed. The preparation and approval of the necessary plans are, therefore, an essential first step in the discontinuance aforesaid.</p> <p>You are therefore directed to submit, either alone or jointly with any other mutually interested municipality or municipalities, on or before June 1, 1946 to the Board for approval, a report upon and detail construction plans and specifications for any necessary intercepting or trunk sewers and pumping stations for the collection of all of the sewage of your borough and its conveyance to a suitable site or sites for treatment, together with detail construction plans of works</p>	

11265

to provide primary treatment of the sewage discharged into your sewer system. Primary treatment shall be construed to be such as in the opinion of the Sanitary Water Board will remove at least 35% of the organic pollution load as measured by the biochemical oxygen demand test; will provide effective disinfection where necessary to control disease producing germs; will provide satisfactory disposal of sludge; and will produce an effluent that is suitable for discharge into the receiving stream.

In order that the aforesaid plans will be prepared in an expeditious and orderly manner and the Board may be apprised thereof, it is further required that you report to the Board September 1 and December 31, 1945, and April 1, 1946 the exact status of the aforesaid report and plans.

In consideration of the importance of the availability of plans for useful postwar public works to provide employment and the need for the aforesaid plans to prepare for the proper protection of the waters of the State, we shall expect your prompt and hearty cooperation.

In the event that you elect to join with other municipalities of the Pittsburgh Metropolitan District in the preparation of the aforesaid report and plans for a project which would require a somewhat longer time for the completion of the plans, the Board will give consideration to an extension of the aforesaid date of June 1, 1946, provided that your quarterly reports show sufficient progress and you make full commitments to insure completion of the plans in the minimum time necessary.

In this connection your attention is specifically directed to the recently enacted Municipal Authorities Act of 1945, which provides inter alia for effective cooperation with other municipalities, and to the legislation providing for financial aid by the Commonwealth to municipalities in the preparation of plans for sewage treatment works.

It is requested that you promptly acknowledge receipt of this notice and inform the Board of the steps which you will take to meet the Board's requirements.

Very truly yours,

J. E. Hoffert
Assistant Chief Engineer
Secretary, Sanitary Water
Board

By direction of the Board

~~XXXXXXXX~~
415 First National Bank Building
Greensburg, Pennsylvania
November 26, 1946

11266

Sewerage
Brentwood
Allegheny County

Mr. R. A. Schneider, Civil Engineer
2704 Brownsville Road
Carrick, Pittsburgh 10, Pa.

Dear Sir:

Enclosed you will find plans for proposed sanitary sewer extensions in Districts S-A and 1-E in the borough of Brentwood, Allegheny County. We are returning these plans to you for the following corrections.

Please see that each plan bears the seal and signature of the registered professional engineer who prepared the plans. All plans in the future submitted to the Sanitary Water Board must bear this seal and signature.

On the plan for the proposed sewer extension in District S-A, the grade on the section of sewer line between Stations 0 + 00 and 0 + 94 on Deleo Road appears to be in error. Also the invert elevation of the manhole on Deleo Road between Lot #56 and Lot #12 is given on the plan as 1098.00 feet and on the profile as 1090.00 feet.

Please make the above revisions on the plans as soon as possible so that consideration can be given to the pending applications.

Very truly yours,

R. W. Kresser
Assistant Engineer

RWK:mf
cmh.

CC: F. H. Appenrodt, Secy.

11267

Sewerage
Brentwood
Allegheny County

Application # A-553

Application # A-554

December 16, 1946

On November 12, 1946, two applications relative to sewerage were received in the Greensburg District Office from the Borough of Brentwood, Allegheny County, both dated October 19, 1946, the first requesting the issuance of a permit for "the construction of Sanitary Sewers, in Sanitary Sewer District 1-E (Brentwood Manor Plan No. 1 Laterals). This district discharges into Trunk Sewers in the Streets Run Drainage Basin, which in turn empties into the Monongahela River, at Hays, Pa." and the other application requesting the issuance of a permit for "construction of sanitary sewers in Sanitary Sewer District 2-A (Dellwood Village Plan, Laterals) Brentwood Borough, to provide sewers for sixty-five houses now under construction. This sewage will empty into the Saw Mill Run Trunk Sewer which empties into the Ohio River through sewers of the City of Pittsburgh."

Each application was accompanied by plans showing the proposed sewers and by a check in the amount of twenty-five dollars made payable

to the Pennsylvania Department of Health as the fee.

I have examined the applications and plans submitted and present the following report.

General Conditions

The Borough of Brentwood is mainly a residential community located in the South Hills District of Allegheny County, contiguous to and south of the City of Pittsburgh. The borough had a 1940 population of 7,552.

The borough is supplied with a public water supply from the system of the South Pittsburgh Water Company which obtains its source of supply from the Monongahela River and filters, softens and chlorinates the water prior to distribution.

The borough is divided into two main watershed areas by the Brownsville Road, the district lying to the west of this road draining toward Saw Mill Run and the district to the east drains toward Streets Run.

The borough is generally provided with a system of sanitary sewers. The sewage on the Saw Mill Run watershed area is generally conducted to the Saw Mill Run Interceptor. The sewage from the Streets Run area is conducted to a sanitary trunk sewer along Scotts and Streets Run and discharged to the Monongahela River, at Kays.

-3-

Numerous sewerage permits have been issued to the Borough of Brentwood, the most recent of which was on April 20, 1942 which granted permission for the construction of sanitary trunk sewers for Sewer District #8 subject to certain conditions.

The Borough of Brentwood received an order from the Sanitary Water Board dated May 16, 1946 for preparation of plans and report for the collection and treatment of all of the sewage of the borough.

The borough has executed an agreement with the Allegheny County Sanitary Authority for the preparation of the necessary plans and report.

Present Applications

The present applications of the borough request permission for the construction of sanitary sewers in Sewer District 1-E, Brentwood Manor No. 1 Laterals and also for the construction of sanitary sewers in Dellwood Village Plan of Lots in Sanitary Sewer District 8-A.

The proposed sewers in Sanitary Sewer District 1-E will discharge into the Streets Run trunk sewer and the proposed sanitary sewers in Sanitary Sewer District 8-A will discharge into existing sewers, thence to the Saw Mill Run Trunk sewer.

The proposed sewer extension in District 1-E consists of 1872 ft. of 8" vitrified clay sewer

-4-

line at a minimum grade of 2.3% and a maximum manhole spacing of 372.65 ft.

The proposed sanitary sewer extensions in Sanitary Sewer District 3-A consist of 899.6 ft. of 8" vitrified clay sewer line on Delec Road at a minimum grade of 3.0% and a maximum manhole spacing of 230.6 ft., 630 ft. of 8" vitrified clay sewer line on Sunview Drive at a minimum grade of 4% and a maximum manhole spacing of 247 ft., and 667 ft. of 8" vitrified clay sewer line across private property at a minimum grade of 2.6% and a maximum manhole spacing of 346 ft.

Discussion

The proposed sewers are satisfactory as to design, have adequate capacities to carry expected sewage flows on the basis of a maximum sewage flow of 300 gallons per capita per day and have sufficient grades to insure self-cleansing velocities.

The existing receiving sewers have adequate capacities to carry the additional expected sewage flow as they were designed for the developable area tributary to them.

Recommendations

In view of the foregoing circumstances,

-3-

it is recommended that a sewerage permit be issued to the Borough of Brentwood, Allegheny County, in response to the applications of the borough, both dated October 19, 1946 and both received in the Greensburg District Office November 12, 1946, approving the construction of sanitary sewers in Sanitary Sewer District 1-E and Sanitary Sewer District 8-A, as shown on plans entitled "Profile of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E for Brentwood Manor No. 1. Laterals of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa." Sheet 2 of 3, dated Sept. 3, 1946; "Profile of Sewer Easement & Sections of Beechdale St. for Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1. Laterals of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa." sheet 3 of 3, dated Sept. 3, 1946, and "Plan of Proposed Sanitary Sewer Dist. 1 E For Brentwood Manor No. 1. Laterals of South Hills Land Developing, Inc. Situate in Brentwood Boro., Allegheny Co., Pa." sheet 1 of 3, dated Sept. 3, 1946, and received in the Greensburg District Office December 15, 1946 and prepared by E. A. Schneider, Registered Professional Engineer, Pittsburgh, Pa. and plan covering District 8-A entitled "Brentwood Borough Sanitary Sewer District .

-6-

See Per Dellwood Village Plan Allegheny County,
Penns. dated Aug. 31, 1942, received in the Greens-
burg District Office December 16, 1946, prepared by
T. J. McGovern, Registered Engineer, and subject
to Standard Conditions (effective November 1, 1942)
#1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17 and
18.

Respectfully submitted,

R. W. Krenner
Assistant Engineer

HWK:mf

Approved:

L. S. Morgan
District Engineer

*Copy 583
A 583*

11273

*Morgan
W. H. Hemen*

47511

August 1, 1947

RWK.

copied 8/6/47

Sewerage
Brentwood
Allegheny County

F. H. Appenrodt, Secretary
Council of Brentwood Borough
Municipal Building
Brownsville Road
Pittsburgh 27, Pa.

Dear Mr. Appenrodt:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a sewerage permit dated July 31, 1947 to the Borough of Brentwood, Allegheny County, 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 District Engineer, I. S. Morgan, 415 First National Bank Building, Greensburg, 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 Allegheny County.

Please deliver the enclosed blank certificate and stamped envelope to the Recorder of Deeds when having your permit recorded, and request the Recorder to fill in the blank, sign it, attach his official seal, and return it to the writer in care of the State Department of Health, Harrisburg, Pennsylvania.

Very truly yours,

J. R. Rofert
Assistant Chief Engineer

JRH:a
Encl. 3

RECEIVED

AUG 8 1947

11275

Plans 2000 - Nov. 12, 1996
 Plans 2000 - Dec. 31, 1996
 Engineer - L. J. K... ..

SANITARY SEWERS - DISTRICT
 Municipality - Lehigh County - Allentown
 Title - Sanitary Sewer List B.A.
 Loc. Lehigh Valley Village Plan

APPENDIX
 2000

ON STREET	FROM	TO	5'0"	INVERT ELEVATIONS	GRADES	% COVER	AREA	POP. DENSITY PER ACRE	POPULATION INC	TOT. INC	POPULATION	FLOW INC	FLOW TO	CAPACITY	VELOCITY	REMARKS
1st St	1st St	1st St	111	1088.62	4.44	4	4	4	16	16	16	0.0020007	2.5			
"	1st St	1st St	120	1088.62	11	11	2	2	8	24	24	0.0020007	2.5			
"	1st St	1st St	144	1088.62	13	13	5	5	24	24	24	0.0020007	2.5			
"	1st St	1st St	168	1088.62	13	13	4	4	12	12	12	0.0020007	2.5			
"	1st St	1st St	192	1088.62	3	3	3	3	6	6	6	0.0020007	2.5			
"	1st St	1st St	216	1088.62	6	6	2	2	6	6	6	0.0020007	2.5			
"	1st St	1st St	240	1088.62	5.5	5.5	4	4	16	16	16	0.0020007	2.5			
"	1st St	1st St	264	1088.62	10	10	7	7	24	24	24	0.0020007	2.5			
"	1st St	1st St	288	1088.62	14	14	6	6	24	24	24	0.0020007	2.5			
"	1st St	1st St	312	1088.62	13	13	5	5	12	12	12	0.0020007	2.5			
"	1st St	1st St	336	1088.62	2.5	2.5	5	5	20	20	20	0.0020007	2.5			
"	1st St	1st St	360	1088.62	5	5	5	5	20	20	20	0.0020007	2.5			
"	1st St	1st St	384	1088.62	5	5	6	6	20	20	20	0.0020007	2.5			
"	1st St	1st St	408	1088.62	14	14	5	5	20	20	20	0.0020007	2.5			
"	1st St	1st St	432	1088.62	17	17	6	6	20	20	20	0.0020007	2.5			
"	1st St	1st St	456	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	480	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	504	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	528	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	552	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	576	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	600	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	624	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	648	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	672	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	696	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	720	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	744	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	768	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	792	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	816	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	840	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	864	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	888	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	912	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	936	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	960	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	984	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1008	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1032	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1056	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1080	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1104	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1128	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1152	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1176	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1200	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1224	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1248	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1272	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1296	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1320	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1344	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1368	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1392	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1416	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1440	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1464	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1488	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1512	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1536	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1560	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1584	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1608	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1632	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1656	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1680	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1704	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1728	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1752	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1776	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1800	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1824	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1848	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1872	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1896	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1920	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1944	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1968	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	1992	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	2016	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	2040	1088.62	17	17	2	2	8	8	8	0.0020007	2.5			
"	1st St	1st St	2064	1088.62	17	17	2									

App No _____
Dist No _____

SANITARY SEWERS - DISTRICT

Plans Recd - Nov. 12, 1946
Plans Date - Sept. 3, 1946
Engineer - R. A. Schneider

Municipality - Brentwood Sewer Hills, Ill.
Title - Proposed Sanitary Sewer
List 1E for Brentwood Manor

ON	STREET		EIGHT SIZE	INVERT ELEVATIONS	OFF GRADES	% COVER	AREA SQ. FT.	POP. DENSITY PER ACRE	POPULATION		FLOW		CAPACITY		VELOCITY		REMARKS	
	FROM	TO							INC	TOT	INC	TOT	MGD	FT./SEC	Full	Handed		
Brentwood	N.H. #1	N.H. #2	372.85	1076.00-1116.50	2.5	5.5	5.5	8	14	4	56	56	3.00	0.017	0.017	1.1	7.5	
"	N.H. #2	N.H. #3	218.80	1116.50-1111.47	5.3	2.3	2.3	9	8	32	32	0.010	0.010					
"	N.H. #3	N.H. #4	257.76	1111.47-1105.50	5.9	2.3	2.3	10	9	36	68	0.011	0.020	1.1		4.3		
"	N.H. #4	N.H. #5	178.97	1105.50-1102.75	3.7	1.4	1.4	2	2	1	12	0.007	0.007			12.0		

147x12'
total ft. of sewer line to manhole #224 is 114.10 ft. of 372.85 = 1292.03

PERMIT NO. 6886

**BRENTWOOD SANITARY SEWERS IN DISTRICT 9B AND
5D**

ISSUED FEBRUARY 11, 1948

Sanitary Sewer Ext.
Brentwood, All. Co.

11283 A# 636
P# 6886

R.A. Schneider, Engr.

Dist 5-D.

Kaufmann Ave.

158' of 8" T.C. 1101.00 - 1104.06 = 3.06'

Grade %

2.0%

OK.

60' of 8" T.C. 1105.13 - 1107.05 = 1.92'

3.2%

230' of 8" T.C. 1107.05 - 1114.40 = 7.35'

3.2%

443' Sewers to Dist. #5 ~~located~~ into Saw mill Run Sewer

Dist 9-B

154' of 8" T.C. 1031.71 - 1054.04 = 22.33'

14.5%

392.4' 8" T.C. 1054.04 - 1100.34 = 46.5'

11.8%

303.6' 8" T.C. 1100.34 - 1130.09 = 29.55'

9.8%

400.0' 8" T.C. 1130.09 - 1134.09 = 4'

1.0%

1250.0' 8" at max m. H. of 400' + min g. of 1.0% on ~~the~~ sewer.

202' 8" T.C. 1100.34 - 1110.44 = 10.1'

5.0%

Sewers to ~~Dist #5~~ ^{Sanitary Sewer} into Saw mill Run S. Sewer

11284



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 Borough of Brentwood, Allegheny County** in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions in Sanitary Sewer Districts 9-B and 5-D as shown upon the plans supplementing the application. The plans, which bear the general title, "Laying Plan Sanitary Sewer System--Brentwood Borough, Allegheny Co. Pa." and the subtitles "District No. 5-D (Kauffman Avenue Laterals)" and "District No. 9-B (Loola Avenue and Kaplan Avenue Laterals)", were prepared by R. A. Schneider, Registered Professional Engineer, and were received in the Greensburg Office of the Pennsylvania Department of Health on May 26, 1947.

11285

This permit is issued subject to the following Special Conditions:

A. The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the Borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.

11286

78314 and this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 attached hereto:
all

This permit is issued in response to an application (No. ~~4-436~~) filed in the Greensburg Office of the Pennsylvania Department of Health on the 9th day of June A. D. 19 1948.

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

SANITARY WATER BOARD

By: _____

Secretary of Health
Chairman

Attest: _____

~~Civil Engineer~~
Secretary

Harrisburg, Pennsylvania.
February 11, 1948

RECEIVED
FEB 10 1948
DISTRICT OFFICE
"D"

Sewerage
Borough of Brentwood
Allegheny County

Application # A-636

June 5, 1947

On June 5, 1947 an application relative to sewerage was received in the Greensburg District Office from the Borough of Brentwood, Allegheny County, dated April 16, 1947 and attested June 4, 1947, requesting the issuance of a permit for "the construction of Sanitary Sewers in Sanitary Sewer District 9-B (Leola and Kaplan Avenue Laterals) this district discharges into existing Sanitary Sewers of the Borough and then to Saw Mill Run Trunk Sewer which empties into the Ohio River, District 5-D (Kaufmann Avenue Laterals) these districts empty into Brentwood Borough Sanitary Sewer District No. 5, which flows into Saw Mill Run Trunk Sewer and empties into the Ohio River.

The application was accompanied by plans showing the proposed sewer extensions, prepared by R. A. Schneider, Registered Professional Engineer, and also by a check in the amount of twenty-five dollars, made payable to the Pennsylvania Department of Health, as the fee.

I have examined the application and plans submitted and present the following report.

General Conditions

The Borough of Brentwood is mainly a residential community located in the South Hills District of Allegheny

-2-

County, contiguous to and south of the City of Pittsburgh.

The borough had a 1940 population of 7,562.

Brentwood is supplied with a public water supply from the system of the South Pittsburgh Water Company which obtains its supply from the Monongahela River and filters, softens and chlorinates the water prior to distribution.

The borough is divided into two main watershed areas by the Brownsville Road, the district lying to the west of this road draining toward Saw Mill Run and the district to the east drains toward Streets Run.

The borough is generally provided with a system of sanitary sewers. The sewage on the Saw Mill Run watershed area is generally conducted to the Saw Mill Run trunk sewer which discharges into the Ohio River. The sewage from the Streets Run area is conducted to a sanitary trunk sewer along Scotts and Streets Runs and discharged to the Monongahela River at Hays.

Numerous sewerage permits have been issued to the Borough of Brentwood. The most recent sewerage applications submitted by the borough are Applications #A-555 and #A-554 for sanitary sewer extensions in District S-A and District 1-B. The permits for these sewers have not as yet been issued.

The Borough of Brentwood received an order from the Sanitary Water Board, dated May 16, 1945 for the preparation of plans and report for the collection and treatment of all

of the sewage of the borough. The borough has executed an agreement with the Allegheny County Sanitary Authority for the preparation of the necessary plans and report.

Present Application

At the present time, the borough requests permission for the construction of minor sanitary sewer extensions in Sanitary Sewer District 9-B and in Sanitary Sewer District 5-D.

The proposed sewer extension in Sanitary Sewer District 9-B will discharge into the existing Greenlee Road sewer and thence into the Saw Mill Run trunk sewer. The proposed extensions consist of 1,250 ft. of 8" terra cotta sewer line on Leola Avenue at a minimum grade of 1.0% and a maximum manhole spacing of 400 ft., and 202 ft. of 8" terra cotta sewer line on Kaplan Avenue at a grade of 5.0%.

The proposed sewer extensions in Sanitary Sewer District 5-D will discharge into existing sewers in Sanitary Sewer District 5 which flows into the Saw Mill Run trunk sewer. The proposed sewer extensions in this district consist of 443 ft. of 8" terra cotta sewer line on Kaufmann Avenue at a minimum grade of 2.0% and a maximum manhole spacing of 230 ft.

Discussion

The proposed sanitary sewer extensions are generally satisfactory with respect to design, discharge into existing sewers of the borough, have adequate capacities to carry expected sewage flows and have sufficient grades to insure self-cleansing velocities.

The existing receiving sewers have adequate capacities to carry the small additional expected sewage flows from the proposed sewers as they were designed for all developable tributary areas to them.

Recommendations

In view of the foregoing circumstances, it is recommended that a sewerage permit be issued to the Borough of Brentwood, Allegheny County, approving the construction of minor sanitary sewer extensions in Sanitary Sewer District 9-B and Sanitary Sewer District 5-D as requested in the application of the borough dated April 15, 1947 and received in the Greensburg District Office June 5, 1947, as shown on plans entitled, "Letting Plan Sanitary Sewer System District No. 9-B (Leola Avenue and Kaplan Avenue Laterals) Brentwood Borough, Allegheny Co., Pa." dated April 15, 1947 and "Letting Plan Sanitary Sewer System District No. 5-D (Kaufmann Avenue Laterals) Brentwood Borough, Allegheny Co., Pa." dated April 15, 1947, received in the Greensburg District Office May 26, 1947, prepared by R. A. Schneider, Registered Professional Engineer, Pittsburgh, Pa., and subject to Standard Conditions (effective November 1, 1942) §1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 and 18.

Respectfully submitted,

R. W. Kramer
Assistant Engineer

ENK:mr

Approved:

L. S. Morgan
District Engineer

415 First National Bank Building
Greensburg, Pennsylvania
June 8, 1947

Sewerage Application
Brentwood
Allegheny County

Mr. J. R. Heffert

R. W. Kremer

Attached please find my report, application, plans and \$25.00 check, numbered 14242, dated April 25, 1947, from the Borough of Brentwood, Allegheny County, requesting the approval for the construction of sanitary sewer extensions in Sanitary Sewer Districts 9-B and 5-D.

This application is ready for accessionment.

RF
enc.

WSE 664-1M-4-40

Recd. June 5, 1947 - HBE.

Recd. June 5, 1947 - Dist. D

Application Apr. 15, 1947

No. A-636

Name

Issued Feb. 11, 1948

Vol. 275

No. 6886

Place Brentwood

Recorded Feb. 18, 1948

Vol. *Said Book*
2985

Page 369

County Allegheny

Report by Kremer

No. 7415

Vol. 275

File No.

Disposition

Conditions and Stipulations

* * * the Borough of Brentwood, Allegheny County in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions in Sanitary Sewer Districts 9-B and 5-D as shown upon 2 plans supplementing the application. The plans, which bear the general title, "Letting Plan Sanitary Sewer System--Brentwood Borough, Allegheny Co. Pa." and the sub-titles "District No. 5-D (Kaufmann Avenue Laterals)" and "District No. 9-B (Leola Avenue and Kaplan Avenue Laterals)", were prepared by R. A. Schneider, Registered Professional Engineer, and were received in the Greensburg Office of the Pennsylvania Department of Health on May 26, 1947.

This permit is issued subject to the following Special Conditions:

A. The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the Borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the Borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective

- 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 & 18

This permit is issued in response to an application (No. A-636) filed in the Greensburg Office of the Pennsylvania Department of Health on the 5th day of June A. D. 1947.

TO BE RECORDED IN ALLEGHENY COUNTY

Application April 16, 1947

No. A-636

Name Burgess & Members of Boro. Council

Issued Feb. 11, 1948

Vol.

No.

Place Brentwood

Recorded 2-18-48

Vol.

225

Page 369

County Allegheny County

Report by Kremer

No.

Vol.

File No.

Conditions and Stipulations

Disposition

***hereby issues this permit to the borough of Brentwood, Allegheny County in response to an application from the said municipality and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions in Sanitary Sewer Districts 9-B and 5-D as shown upon two plans supplementing the application. The plans, which bear the general title, "Letting Plan Sanitary Sewer System-Brentwood Borough, Allegheny Co. Pa." and the subtitles "District No. 5-D (Kauimann Avenue Laterals)" and "District No. 9-B (Leola Avenue and Kaplan Avenue Laterals)", were prepared by A. A. Schneider, registered Professional Engineer, and were received in the Greensburg Office of the Pennsylvania Department of Health on May 26, 1947.

This permit is issued subject to the following Special Conditions:

A. The permittee's attention is called to the notice dated May 16, 1945 from the Sanitary Water Board to the borough of Brentwood requiring the submission of a report upon and detail construction plans and specifications for the collection and treatment of the sewage of the Borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.

And this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17 and 18 attached hereto:

This permit is issued in response to an application (No. A-636) filed in the Greensburg Office of the Pennsylvania Department of Health on the 5th day of June A.D. 1947.

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

APPLICATION NO. _____

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

April 15, 1947
(Date)

From Brentwood Borough Council
(Name of Municipality or "Person") (County)

IF A "PERSON": Project is located in Brentwood Borough
(Name of Municipality or Township)

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

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH 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 "the corporate
authorities having by law charge of the sewer system" of Borough of Brentwood
(Name of Municipality)

OF _____ in Allegheny County.
(Name of person)

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for
the construction of Sanitary Sewers in Sanitary Sewer District 9-B

(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.)

(Leola and Keplan Avenue Laterals) this district discharges into

If untreated or treated sewage is to be discharged into the waters of the Commonwealth, application for permission as to it must be made herein. If

existing Sanitary Sewers of the Borough and then to Saw Mill Run Trunk

the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence

Sewer which empties into the Ohio River, District 5-D (Kaufmann Avenue

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

Laterals) _____) these dis-

not or will not become harmful or injurious to the public health, or to animal or aquatic life or to the uses of such waters for domestic or industrial

districts empty into Brentwood Borough Sanitary Sewer District No. 5,

(consumption or for recreation.)

which flows into Saw Mill Run Trunk Sewer and empties into the Ohio

River.

11796

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by
R. A. Schneider - Borough Engineer - 2704 Brownsville Rd., Pgh -27- Pa
(Name of Engineer)
and in the report thereon prepared by R. A. Schneider (Name of Engineer)
all of which are made part of this application.

Brentwood Borough Council

H. Snyder
(Title)

President of Council PRO-TEM
(Post Office address for further correspondence)

In accordance with a resolution adopted by the Sanitary Water Board on June 28, 1946, all plans submitted with this application shall bear the seal and signature of a registered professional engineer licensed to practice in Pennsylvania.

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF ALLEGHENY

} SS:

Fred H. Appenrodt

being duly sworn according to

law deposes and says that the foregoing application is made in pursuance of a Ord. 487 and 488
duly adopted by the Council of the Borough
and approved by the Burgess thereof, on the 13th
day of March 1947 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 4th day of June 1947

Charles Harry Bracken
Notary Public

Fred H. Appenrodt
SECRETARY
(Title)

My Commission expires

CHARLES HARRY BRACKEN, N. P.
My Commission Expires
January 21st, 1951

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

Appendix A-20-b

11798

RELATIVE TO FEES:-(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED That this Board hereby amends the aforesaid resolutions to read as follows:

WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING
OFFICE RECORD

RECEIVED
JUN - 5 1947
DISTRICT OFFICE
"D"

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 _____

RECEIVED
JUN - 5 1947

PERMIT NO. 7206

**BRENTWOOD SANITARY SEWERS IN DISTRICTS
4F AND 1F**

ISSUED JULY 18, 1949

In accordance with the regulations of the sanitary water board of this state, the undersigned hereby certifies that the above named person or persons are duly licensed to practice as engineers.

Brentwood

- ① - Brentwood Boro, Allegheny Co.
- ② - ④ 4-20-49
- ③ City ⑤
- ⑥ Quote
- ⑦ Plans List
- ⑧ General Description:

⑨ Permit Compliance

⑩ Plan Description

It is proposed to construct
 ca 2629' of 8" sewer & sewer capacity 250
 in a projected pop of ca 250 persons, in
 Sanitary Sewer District 4-F and ca. 3165' of
 8" sewer ~~capacity~~ a projected pop. of about 300
 in of Eastern Village Plan, San Sewer Dist 1-F.

⑪ A Future Pop. served

Dist 4-F - Ca 250
 " 1-F - Ca 300

B Est. flow including infiltration = gal/cap/d
 300 pop = 300

Minimum flow -
 in Dist 4-F 3165'
 " 1-F 3165'

C Max flow

11304

E man Sinks
 a- 1.0
 b- 1.3

an adequate cover of not less than 4' ^{per} foot or well be provided for the sewers in both directions.

Manholes have been shown at all changes of grade and alignment for both areas being sewered. However four manholes have been shown at the summit ends of sewers in Sew. Sewer Dist. 4-F. It is believed that the manholes as shown will be satisfactory in view of the fact that extensions of the ~~lines~~ which they serve as v of the sections of the system is not ~~physically~~ feasible.

The proposed system appears satisfactory as designed and will provide sufficient grade to ensure self-cleaning velocities.

(12)

~~Notes~~

Bores of the districts to be sewered are ~~on~~ the streets ~~then~~ watershed and sewage from this proposed system will discharge to existing sewers of the Board ~~and~~ discharge to the ~~streets~~ ~~sewers~~ ~~will~~

11705

~~various trunk sewers also this street~~
which in turn discharge to the streets from Trunk Sewer
+ ultimately to main sewer at Hays Pa.

(14)

(15) Standard sand.

(16) Special sand.

The attention of the Board is specifically
directed to the fact that in two instances
where it grade of a ~~some~~ proposed sewer exceeds
20% proper + adequate methods of stabilization
has not been shown and that ~~prior to construction~~
at the time of construction adequate anchorage
of these sewers shall be provided -

11306

APPLICATION NO. A-1051

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

March 15th, 1949
(Date)

From the Council of the Borough of Brentwood - Allegheny
(Name of Municipality or "Person") (County)

IF A "PERSON": Project is located in Borough of Brentwood
(Name of Municipality or Township)

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

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH 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 "the corporate
authorities having by law charge of the sewer system" of Borough of Brentwood
(Name of Municipality)

OR _____ in Allegheny County,
(Name of person)

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for
the construction of Sanitary Sewers in Sanitary Sewer District 4-F
(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.
(Dailey Road, Windson Way, Private Property and Radisson Road Laterals)
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

This district discharges into existing Sanitary Sewer District 4-C
the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence
and Existing Trunk Sewers to Streets Run, which empties into the
satisfactory to the Sanitary Water Board that the discharge of a sewage to the waters of the Commonwealth, for which the applicant seeks a permit, is

Monongahela River at Hays, Pennsylvania, and the construction of Sanitary Sewers in Sanitary Sewer District 1-F (Easton Village Plan No. 1
consumption or for recreation.)

Laterals). This District Sanitary Sewers discharge into Sanitary

Trunk Sewers which empty into the Monongahela River at Hays, Pa.

11307

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by R. A. Schneider, Borough Engineer, 2704 Brownsville Rd., Pgh., 27, Pa. (Name of Engineer) and in the report thereon prepared by R. A. Schneider (Name of Engineer) all of which are made part of this application.

Council of the Borough of Brentwood (Name) G. Snyder (Signature) President (Title) 2704 Brownsville Rd., Pgh., 27, 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:

F.H. Appenrodt being duly Sworn according to law deposes and says that the foregoing application is made in pursuance of a Ordinance duly adopted by the Council of the Borough of Brentwood and approved by the Burgess thereof, on the 15th day of March 1949 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 18th day of April 1949

F.H. Appenrodt (Signature) Secretary. (Title)

Jas. S. Ackelson (Signature) Notary Public, JAS. S. ACKELSON, Justice of the Peace MY COMMISSION EXPIRES THE FIRST THURSDAY IN JANUARY 1954 My Commission expires

EXCERPTS—From Act 394, approved June 22, 1937, P. L. 1937.

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

Appendix A-20-b

11:09

RELATIVE TO FEES:-(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING
OFFICE RECORD

RECEIVED
APR 20 1949
DISTRICT OFFICE

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 _____

R. A. SCHNEIDER
CIVIL ENGINEER - SURVEYOR
2704 BROWNSVILLE ROAD - CARRICK
PITTSBURGH 27, PA.

ENGINEER FOR
BRENTWOOD BOROUGH
BALDWIN TOWNSHIP
SCOTT TOWNSHIP

11310

Pittsburgh, Pennsylvania

April 15th, 1949

Pennsylvania Department of Health
Mr. R. W. Kremer, District Engineer
First National Bank Building
Greensburg - Pennsylvania

Dear Mr. Kremer:-

Enclosed you will find applicationf for the construction of Sanitary Sewers in Sanitary Sewer District 4-F (Dailey Road, Windson Way, Private Property and Madison Road Laterals) and District 1-F (Easton Village Plan No. 1 Laterals), in the Borough of Brentwood, Allegheny County, Pennsylvania. Also a check for Twenty-five Dollars (\$25.00) accompanies the same.

Under separate cover you will recieve duplicate plans and profiles of the above mentioned sewers.

Kindly give this your immediate attention.

Please send us at least fifteen (15) applications relative to sewerage or to the discharge of sewage.

Respectfully yours,


Borough Engineer

RAS/egc

Length Ca 2829

11312

Appl. No. _____
 Name Brentwood County Allegheny
 TITLE Dist 4F

Plans Rec'd. 4-19-99
 Plans Dated 3-15-99
 Engineer Schmidt

Min. Grade 1.070
 Max. dist. between MH 285'
 Min. Cap. 0.75 MGD.
 Population Tributary Ca 250

STREET	On	From	MH	To	MH	Length	Size	Invert Elevations	Diff.	Grades		Cover ft.
										Plan	Check	
<u>Lawson Lots</u>		<u>2+05</u>	<u>6H</u>	<u>1+15</u>		<u>90'</u>	<u>8</u>	<u>1230.15 - 1228.83</u>	<u>1.35</u>	<u>1.5</u>	<u>1.5</u>	
<u>200-203</u>		<u>1+15</u>		<u>0+00</u>		<u>115'</u>	<u>8</u>	<u>1228.83 - 1212.73</u>	<u>16.1</u>	<u>19</u>	<u>19</u>	
<u>Radisson Rd</u>		<u>3+05</u>		<u>1+02</u>		<u>203</u>	<u>8</u>	<u>1229.3 - 1212.73</u>	<u>11.57</u>	<u>5.7</u>	<u>5.7</u>	
		<u>1+02</u>		<u>0+00</u>		<u>102</u>	<u>8</u>	<u>1212.73 - 1206.92</u>	<u>5.81</u>	<u>5.7</u>	<u>5.7</u>	
		<u>0+80</u>	<u>LH</u>	<u>0+00</u>		<u>80</u>	<u>8</u>	<u>1207.72 - 1206.92</u>	<u>0.8</u>	<u>1.0</u>	<u>1.0</u>	
		<u>2+90</u>	<u>W</u>	<u>1+95</u>		<u>195</u>	<u>8"</u>	<u>1206.92 - 1177.92</u>	<u>29.0</u>	<u>30.0</u>	<u>20.0</u>	<u>Plan</u>
		<u>1+95</u>		<u>0+00</u>		<u>195</u>	<u>8"</u>	<u>1177.92 - 1139.92</u>	<u>43.50</u>	<u>30.0</u>	<u>30.0</u>	<u>Plan</u>
<u>Swan Hill B</u>		<u>5+65</u>		<u>4+00</u>		<u>165'</u>	<u>8"</u>	<u>1216.17 - 1207.92</u>	<u>8.25</u>	<u>5.0</u>	<u>5.0</u>	
<u>"East"</u>		<u>4+00</u>		<u>1+50</u>		<u>250</u>	<u>8"</u>	<u>1207.92 - 1189.17</u>	<u>18.75</u>	<u>7.5</u>	<u>7.5</u>	
		<u>1+50</u>		<u>0+00</u>		<u>150</u>	<u>8</u>	<u>1189.17 - 1177.92</u>	<u>11.25</u>	<u>7.5</u>	<u>7.5</u>	
<u>Swan "West"</u>		<u>1+50</u>	<u>11</u>	<u>0+00</u>		<u>150</u>		<u>1181.97 - 1177.92</u>	<u>4.05</u>	<u>2.7</u>	<u>2.7</u>	
<u>Darby Rd</u>		<u>8+55</u>		<u>6+50</u>		<u>205</u>	<u>8</u>	<u>1192.94 - 1177.36</u>	<u>15.58</u>	<u>7.6</u>	<u>7.6</u>	
		<u>6+50</u>		<u>3+65</u>		<u>285</u>	<u>8</u>	<u>1177.36 - 1155.70</u>	<u>21.66</u>	<u>7.6</u>	<u>7.6</u>	
		<u>3+65</u>		<u>0+85</u>		<u>280</u>	<u>8</u>	<u>1155.70 - 1139.42</u>	<u>21.28</u>	<u>7.6</u>	<u>7.6</u>	
		<u>0+85</u>		<u>0+00</u>		<u>85</u>	<u>8</u>	<u>1139.42 - 1129.74</u>	<u>9.68</u>	<u>5.5</u>	<u>5.5</u>	

Length ca 3165' 8" Appendix A-20-b

(1)

Appl. No. _____
 Name Princeton County Allegheny
 TITLE Sanitary Sewer

Plans Rec'd. 4-19-47
 Plans Dated 3-25-47
 Engineer Schneider

Min. Grade 1.37%
 Max. dist. between 200'
 Min. Cap. ca 0.8 MG/D
 Population Tributary ca 200

11315

STREET		In	To	Length	Size	Invert Elevations	Diff.	Grades		Cover Ft.
On	From							Plan	Street	
<u>Swan Line "A"</u>										
	<u>1+15</u>		<u>0+00</u>	<u>115'</u>	<u>8"</u>	<u>1123.21-1117.23</u>	<u>5.98</u>	<u>5.2</u>	<u>5.2</u>	
	<u>0+90</u>		<u>0+00</u>	<u>90'</u>	<u>8"</u>	<u>1117.23-1107.09</u>	<u>8.19</u>	<u>9.1</u>	<u>9.1</u>	
	<u>16+10</u>		<u>12+10</u>	<u>400'</u>	<u>8"</u>	<u>1107.09-1103.84</u>	<u>5.20</u>	<u>1.3</u>	<u>1.3</u>	
	<u>12+10</u>		<u>8+10</u>	<u>400'</u>	<u>8"</u>	<u>1103.84-1098.64</u>	<u>5.20</u>	<u>1.3</u>	<u>1.3</u>	
	<u>8+10</u>		<u>4+10</u>	<u>400'</u>	<u>8"</u>	<u>1098.64-1089.84</u>	<u>8.80</u>	<u>2.2</u>	<u>2.2</u>	
	<u>4+10</u>		<u>0+90</u>	<u>320'</u>	<u>8"</u>	<u>1089.84-1070.00</u>	<u>19.84</u>	<u>6.2</u>	<u>6.2</u>	
	<u>0+90</u>		<u>0+00</u>	<u>90'</u>	<u>8"</u>	<u>1070.0-1093.0</u>	<u>27.0</u>	<u>30%</u>	<u>30%</u>	<u>Arched</u>
<u>East Garden</u>										
	<u>13+50</u>		<u>10+90</u>	<u>260'</u>		<u>1129.93-1119.73</u>	<u>5.20</u>	<u>2.0</u>	<u>2.0</u>	
	<u>10+90</u>		<u>7+45</u>	<u>345'</u>		<u>1119.73-1112.83</u>	<u>6.90</u>	<u>2.0</u>	<u>2.0</u>	
	<u>7+45</u>		<u>4+70</u>	<u>275'</u>		<u>1112.83-1107.88</u>	<u>4.95</u>	<u>1.8</u>	<u>1.8</u>	
	<u>4+70</u>		<u>0+95</u>	<u>375'</u>		<u>1107.88-1096.88</u>	<u>13.0</u>	<u>3.2</u>	<u>3.2</u>	
	<u>0+95</u>		<u>0+00</u>	<u>95'</u>		<u>1096.88-1094.17</u>	<u>1.71</u>	<u>1.8</u>	<u>1.8</u>	

**Sewerage Application
Borough of Southwood
Allegheny County**

**615 First National Bank Building
Greensburg, Pennsylvania
April 20, 1949**

**Division Engineer
Sewerage**

11316

**District Engineer
District 9th**

**Herewith application, plans and twenty-five dollar check \$17.00,
dated March 22, 1949, all relative to approval for the construction
of sanitary sewers in Districts 1-7 and 4-7, in the Borough of
Southwood Borough, Allegheny County.**

**The engineering report on this application will be forwarded at
a later date.**

**cc
attached**

11317

MEMORANDUM
 APRIL 20, 1949

Sanitary Application
 Borough of Braddock
 Allegheny County

Mayor and Members of Council
 Borough of Braddock
 2704 Braddock Road,
 Pittsburgh 27, Pennsylvania

Attention: Mr. C. J. Snyder, President of Council

Gentlemen:

This will acknowledge receipt of the application and plans in duplicate, and the twenty-five dollar filing fee check #17420, dated March 22, 1949, all relative to approval for the construction of sanitary sewers in Sewer District 407 and Sewer District 407, in the Borough of Braddock, Allegheny County, submitted to this office by your engineer, Mr. E. A. Schneider.

Please be advised that this application will be given consideration in the near future. Should any questions arise concerning the plans, do you wish us to take up these matters with the Borough directly, or will you authorize us to take up such matters with your engineer who prepared the plans.

Please advise us accordingly.

Very truly yours,

E. H. Kramer
 District Engineer

cc: Mr. E. A. Schneider
 Braddock Borough Engineer

Sewerage App. #A-1055
Borough of Brentwood
Allegheny County

415 First National Bank Bldg.
Greensburg, Pennsylvania
May 9, 1949

Division Engineer
Sewerage

R. W. McIndoe, Assistant Engineer
District "D"

Attached please find my report in duplicate, a copy of a letter requesting the inclusion of a defacto sewer and the plan showing said sewer upon the application for proposed sewer extensions for the Borough of Brentwood, Allegheny County.

The application, plans, and twenty-five dollar filing fee check were forwarded to the Harrisburg Office under date of April 20, 1949.

vp
attached

REPORT UPON APPLICATION FOR SEWER EXTENSIONS

May 9, 1949

MUNICIPALITY: Brentwood Borough, Allegheny County.APPLICATION NO.: A-1055 OFFICE RECEIVED: Greensburg
District Office "D".APPLICATION RECEIVED: April 20, 1949.APPLICATION ACCEPTED: May 6, 1949.APPLICATION REQUEST: "The construction of sanitary sewers in Sanitary Sewer District 4-F (Daily Road, Windson Way, Private Property and Radisson Road Laterals) This district discharges into existing Sanitary Sewer District 4-C and Existing Trunk Sewers to Streets Run, which empties into the Monongahela River at Hays, Pennsylvania, and the construction of Sanitary Sewers in Sanitary Sewer District 1-F (Easton Village Plan No. 1 Laterals). This District Sanitary sewers discharge into Sanitary Trunk Sewers which empty into the Monongahela River at Hays, Pa."

In a letter dated May 2, 1949 the Borough Engineer of Brentwood Borough, Mr. R. A. Schneider, has requested the inclusion of a defective sewer of the borough which has never been approved, in this application. Plans in duplicate for this sewer were submitted.

PLANS: Three plans, one entitled "Letting Plan Sanitary Sewer System District 4-F (Daily Road, Windson Way, Private Property and Radisson Road Laterals) Brentwood Borough, Allegheny County, Pa.", dated March 15, 1949 and received April 19, 1949, one entitled "Letting Plan Sanitary

Sewer System District 1-F Easton Village Plan No. 1
Laterals. Brentwood Borough, Allegheny Co., Pa.", dated
March 14, 1949 and received April 19, 1949, also one entitled
"Leeting Plan Sanitary Sewer System District 4-C (A Portion
of Brentwood Farms Plan Laterals) Brentwood Borough, Alle-
gheny Co., Pa.", dated April 17, 1945 and received May 6,
1949. All plans were prepared by R. A. Schneider, Regis-
tered Professional Engineer, licensed to practice in the
State of Pennsylvania.

GENERAL DESCRIPTION:

The Borough of Brentwood is mainly a residential commu-
nity located in the South Hills District of Allegheny County,
contiguous to and south of the City of Pittsburgh. The
Borough had a 1940 population of 7,552.

Brentwood is supplied with a public water supply from
the system of the South Pittsburgh Water Company which
obtains its supply from the Monongahela River and filters,
softens and chlorinates the water prior to distribution.

The borough is divided into two main watershed areas
by the Brownsville Road, the district to the west of this
road drains toward Saw Mill Run and the district to the
east drains toward Streets Run.

The borough is generally provided with a system of
sanitary sewers. The sewage on the Saw Mill Run watershed
area is generally conducted to the Saw Mill Run Trunk
sewer which discharges into the Ohio River. The sewage
from the Streets Run area is conducted to the Sanitary

Trunk sewer along North and Streets Run and discharged to the Monongahela River at Hays.

PERMIT COMPLIANCE:

The Borough of Brentwood received an order from the Sanitary Water Board, dated May 15, 1945 for the preparation of plans and report for the collection and treatment of all of the sewage of the borough. The borough has executed an agreement with the Allegheny County Sanitary Authority for the preparation of the necessary plans and report.

On March 29, 1949 the Borough of Brentwood requested an extension of time beyond March 31, 1949 for compliance to the Sanitary Water Board order. The borough was notified that this request was being held in abeyance pending the meeting of the Sanitary Water Board on April 20-21, 1949.

PLAN PROPOSED:

It is proposed to construct 2854 ft. of 8" sewer to serve the projected population of approximately 250 persons in Sanitary Sewer District 4-F, approximately 3169 ft. of 8" sewer to serve the projected population of about 300 persons in the Easton Village Plan, Sanitary Sewer District 1-F, and approximately 470 ft. of 8" sewer in Sanitary Sewer District 4-C.

DESIGN:

Future Population Served:

District 4-F - Approximately 250

District 1-F - Approximately 300.

District 4-C - Approximately 600 (includes population tributary from 4-F and 1-F).

Estimated Sewage Flow including Infiltration in Gallons

Per Capita Per Day: Maximum 300 Average 100

Minimum Capacity:

District 4-F - Approximately 0.75 M.G.D.

District 1-F - Approximately 0.8 M.G.D.

District 4-C - Approximately 1.5 M.G.D.

Maximum Manhole Spacing:

District 4-F - 285 ft.

District 1-F - 400 ft.

District 4-C - 354 ft.

Minimum Grade:

District 4-F - 1.0%

District 1-F - 1.3%

District 4-C - 4.0%

An adequate cover of not less than 4 feet has been or will be provided for the sewers in all districts.

Manholes have been shown at all changes of grade and alignment for all areas being sewered. However, four manholes have been shown at the summit end of sewers in Sanitary Sewer District 4-F. It is believed that the manholes shown will be satisfactory due to the fact that extension of this section of the system is not feasible.

The proposed system appears satisfactory as designed

and will provide sufficient grade to insure self cleaning velocities.

RECEIVING STREAM AND PRESENT CONDITION:

All of the districts being served are on the Streets Run Watershed and sewage from the proposed system will discharge to existing sewers of the borough which in turn discharge to the Streets Run Trunk sewer and ultimately to the Monongahela River at Hays.

RECOMMENDATIONS:

It is recommended that a sewerage permit be issued to the Borough of Brentwood, Allegheny County approving the construction and use of these sewers as requested in the above application and in the letter dated May 2, 1949.

STANDARD CONDITIONS:

Standard Conditions (effective November 1, 1942) Numbers 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, and 18.

SPECIAL CONDITIONS:

A. The attention of the borough is specifically directed to the fact that in two instances where the grade of the proposed sewer exceeds 20% proper and adequate methods of stabilization have not been shown and that at the time of construction adequate anchorage of these sewers shall be provided.

Respectfully submitted,

RWM:vp

R. W. McIndoe
Assistant Engineer

APPROVED:

R. W. McIndoe
District Engineer

83311

**ENGINEER'S STUDY NO. 7747
BOROUGH OF BRENTWOOD, SEWERAGE
ALLEGHENY COUNTY**

May 23, 1949

Harris W. Vaux, M. D.

Secretary of Health

Dear Doctor Vaux:

The report on municipal sewerage in the borough of Brentwood, Allegheny County, dated May 9, 1949, by Assistant Engineer R. S. McIndoe and approved by District Engineer R. W. Krenser, is hereby concurred in, and it is recommended that the proposed permit be issued to the borough of Brentwood, Allegheny County.

Respectfully submitted,

**C. H. Young
Division Engineer**

Approved:

.....
**J. R. Hoffert
Chief Engineer**

Application	March 15, 1949	No. A-1055	Name	Borough Council
Issued	July 18, 1949	Vol.	No.	Place
Recorded		Vol.	Page	County
Report by	McIndoe	No.	Vol.	File No.

Conditions and Stipulations	Disposition
<p>*****hereby issues this permit to the borough of Brentwood, Allegheny County, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions to serve the Letting Plan, as shown upon a folio of three plans accompanying the application. The folio of plans of the extensions to the sewer system, the titles of which are set forth in the District Engineer's Report, was prepared by R. A. Schneider, Borough Engineer, and bears his seal as a Registered Professional Engineer. The plans of the folio were received in the Greensburg Office of the Pennsylvania Department of Health on April 19, 1949 and May 6, 1949.</p> <p>This permit is issued subject to the following special Conditions:</p> <p>"A" - The permittee's attention is called to the notice of May 15, 1945 from the sanitary water board to the borough of Brentwood, requiring the submission of a report upon and detailed construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.</p> <p>"B" - The borough shall, at the time of constructing the herein approved sewers, provide adequate anchorage for the two sections of the sewers having grades of approximately 30%.</p> <p>and this permit is further subject to the following numbered Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effective November 1, 1942 attached hereto:</p> <p>1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15, 17, & 18.</p> <p>This permit is issued in response to an application (No. A-1055) filed in the Greensburg Office of the Pennsylvania Department of Health on the 20th day of April A. D. 1949 in accordance with the authorization given by the sanitary waterBoard at its meeting on June 21-23, 1949.</p> <p>It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Allegheny County.</p>	

Recd. Hbg. April 21, 1949
Recd. Dist. D. April 20, 1949

Application **March 15, 1949** No. **A-1055**
Issued **July 18, 1949** Vol. **288** No. **7206**
Recorded **Aug 4, 1949** Vol. **3245** Page **587**
Report by **McIndoe** No. **7247** Vol. **288**

Name _____
Place **Brentwood**
County **Allegheny**
File No. _____

Conditions and Stipulations

Disposition

the borough of Brentwood, Allegheny County, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions to serve the Letting Plan, as shown upon a folio of three plans accompanying the application. The folio of plans of the extensions to the sewer system, the titles of which are set forth in the District Engineer's Report, was prepared by R. A. Schneider, Borough Engineer, and bears his seal as a Registered Professional Engineer. The plans of the folio were received in the Greensburg Office of the Pennsylvania Department of Health on April 19, 1949 and May 6, 1949.

This permit is issued subject to the following Special Conditions:

"A" - The permittee's attention is called to the notice of May 15, 1945 from the Sanitary Water Board to the borough of Brentwood, requiring the submission of a report upon and detailed construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.

"B" - The borough shall, at the time of constructing the herein approved sewers, provide adequate anchorage for the two sections of the sewers having grades of approximately 30%.

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.

This permit is issued in response to an application (No. A-1055) filed in the Greensburg Office of the Pennsylvania Department of Health on the 20th day of April A. D. 1949, and in accordance with the authorization given by the Sanitary Water Board at its meeting on June 22-23, 1949.

To be recorded in Allegheny County

Dated July 18, 1949

11331



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 borough of Brentwood, Allegheny County, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sanitary sewer extensions to serve the Letting Plan, as shown upon a folio of three plans accompanying the application. The folio of plans of the extensions to the sewer system, the titles of which are set forth in the District Engineer's Report, was prepared by R. A. Schneider, Borough Engineer, and bears his seal as a Registered Professional Engineer. The plans of the folio were received in the Greensburg Office of the Pennsylvania Department of Health on April 19, 1949 and May 6, 1949.

11332

This permit is issued subject to the following Special Conditions:

"A" - The permittee's attention is called to the notice of May 15, 1945 from the Sanitary Water Board to the borough of Erentwood, requiring the submission of a report upon and detailed construction plans and specifications for the collection and treatment of the sewage of the borough. The approval herein granted is given in recognition of the steps which the permittee has thus far taken to comply with the aforesaid notice, but is contingent upon the permittee's expeditious carrying out of the requirements of the notice aforesaid.

"B" - The borough shall, at the time of constructing the herein approved sewers, provide adequate anchorage for the two sections of the sewers having grades of approximately 10%.

11333

10311

And this permit is further subject to the following numbered
 Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effec-
 tive November 1, 1942 attached hereto:
 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, & 18.

This permit is issued in response to an application
 (No. A-1055) filed in the Greensburg Office of the
 Pennsylvania Department of Health on the 20th day of
 April A. D. 1949, and in accordance with the authori-
 zation given by the Sanitary Water Board at its meeting on 6/22-23/49.
 It is required by law that this permit before being operative
 shall be recorded in the office of the Recorder of Deeds
 for Allegheny County.

SANITARY WATER BOARD

By: _____
 Norris W. Vaux, M. D.
 Secretary of Health
 Chairman

Attest: _____
 W. A. Gorman
 Civil Engineer
 Secretary

Harrisburg, Pennsylvania.
 July 18, 1949

0011

11335

STATE OF PENNSYLVANIA

COUNTY OF

} SS

On the _____ day of _____ in the _____
year one thousand nine hundred and _____ 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 afore-
said.

NOTARY PUBLIC

PERMIT NO. 8127

**BRENTWOOD SANITARY SEWERS IN COLONAL PARK
PLAN**

ISSUED AUGUST 26, 1951

PH 8121

11365

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF HEALTH
 SANITARY WATER BOARD
 HARRISBURG

SEWERAGE PERMIT
 6127

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 borough of Brentwood, Allegheny 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 two plans accompanying the application. Both plans of the folio are entitled, "Private Contract Sanitary Sewers Colonial Park Plaza Brentwood Borough Allegheny County, Pa.", and are numbered respectively Sheet 1 of 2 and Sheet 2 of 2. The folio of plans was prepared by T. J. McGovern and bears his seal as a Registered Professional Engineer, and was received in the Greenbary Office of the Pennsylvania Department of Health on March 20, 1951.

11766

13831

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.

This permit is issued in response to an application (No. **A-1444**) filed in the **Greensburg** Office of the Pennsylvania Department of Health on the **12th** day of **March** A. D. 19**51** in accordance with the authorization given by the Sanitary Water Board at its meeting on **April 18-19, 1951.**

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

SANITARY WATER BOARD

By: _____
Russell E. Tougas, E. D.
Secretary of Health
Chairman

Attest: _____
John W. Gittins
Secretary

Harrisburg Pennsylvania
April 26, 1951

RECEIVED
APR 28 1951
DISTRICT OFFICE

REPORT UPON APPLICATION FOR SEWER EXTENSIONS

11368

March 21, 1951

Municipality: Brentwood Borough, Allegheny CountyApplication Number: A-1414 Office Received: GreensburgDistrict Office "D" Application Received: March 12, 1951Application Accepted: March 20, 1951Application Dated: February 2, 1951Application Request: "Construction of Sanitary Sewers in Colonial Park Plan-Brentwood Borough-Allegheny County, Pennsylvania.

Sewers vary in size from 8 inch to 12 inch pipe, and connect to an existing 12 inch pipe Sanitary Sewer. These sewers provide drainage for 74 lots in Colonial Park Plan and it is possible to connect the proposed sewers of about 60 acres in the Borough of Whitehall, Allegheny County, Pa. The above named existing 12 inch pipe Sanitary Sewer is a part of Sewer District No. 6 of Brentwood Borough."

Plans: Two plans entitled, "Private Contract Sanitary Sewers Colonial Park Plan Brentwood Borough, Allegheny County, Pa.", Sheet 1 of 2 and "Private Contract Sanitary Sewers Colonial Park Plan Brentwood Borough, Allegheny County, Pa.", Sheet 2 of 2. Both plans were prepared by T. J. McGovern and bear his seal and signature as a Registered Professional Engineer licensed to practice in the State of Pennsylvania.

General Description:

The Borough of Brentwood is mainly a residential community located in the South Hills District of Allegheny

County, contiguous to and south of the City of Pittsburgh. The borough had a 1940 population of 7,552.

Brentwood is supplied with a public water supply from the system of the South Pittsburgh Water Company which obtains its supply from the Monongahela River and filters, softens and chlorinates the water prior to distribution.

The borough is divided into two main watershed areas by the Brownsville Road, the district to the west of this road drains toward Saw Mill Run and the district to the east drains toward Streets Run.

The borough is generally provided with a system of sanitary sewers. The sewage on the Saw Mill Run watershed area is generally conducted to the Saw Mill Run Trunk Sewer which discharges into the Ohio River. The sewage from the Streets Run area is conducted to the sanitary trunk sewer along Scott and Streets Run and discharged to the Monongahela River at Hays.

Permit Compliance:

The Borough of Brentwood received an order from the Sanitary Water Board dated May 15, 1945 for the preparation of plans and report for the collection and treatment of all of the sewage of the borough. The borough has executed an agreement with the Allegheny County Sanitary Authority for the preparation of the necessary plans and report.

This office was notified by a letter from the Allegheny County Sanitary Authority dated May 25, 1950 that the borough of Brentwood had signed final satisfactory agreements with the Allegheny County Sanitary Authority.

Plan Proposed:

It is proposed to construct approximately 4,513 feet of 8 inch, 10 inch and 12 inch sewers in the Colonial Park Plan, Brentwood Borough, Allegheny County. The proposed sewers will provide drainage for 74 lots in the Colonial Park Plan and will be able to receive the discharge from about 60 acres in the Borough of Whitehall, Allegheny County.

Design:

Future Population Served: The proposed sewers will serve approximately 296 persons in the Colonial Park Plan and approximately 240 persons in Whitehall Borough.

Estimated Sanitary Sewage Flow Including Infiltration In Gallons Per Capita Per Day: Maximum 300 Average 100

Minimum Capacity: 8 inch sewer - 1.0 M.G.D.
10 inch sewer - 2.6 M.G.D.
12 inch sewer - 3.5 M.G.D.

Minimum Grades: 8 inch sewer - 2.0%
10 inch sewer - 3.7%
12 inch sewer - 2.8%

Maximum Manhole Spacing: 330 feet.

A cover of not less than 2 feet will be provided for all of the sewers.

Manholes have been shown at all changes of grade and alignment and the proposed sewers appear to have sufficient grade to insure self cleansing velocities.

Receiving Stream and Present Conditions:

The proposed sewers discharge to existing sewers of the borough which are located in the Saw Mill Run watershed and

are connected with trunk sewers leading to the Ohio River.

Discussion:

The present application by the Borough of Brentwood is deemed as essential compliance with the Special Condition "A" attached to the permit issued under date of April 20, 1942 to the Borough of Brentwood by the Sanitary Water Board.

It should also be noted that in a permit issued to the Borough of Whitehall under date of August 23, 1948 the Special Condition "A" attached to the permit withheld the use of a sewer which discharged to the Colonial Park Plan in Brentwood Borough. Therefore, upon approval of the present application from the Borough of Brentwood, the Borough of Whitehall should be notified that the use of the sewer described in the Special Condition "A" is no longer withheld.

Recommendations:

It is recommended that a sewerage permit be issued to the Borough of Brentwood, Allegheny County, approving the construction and use of these sewers as requested in the above application and subject to the following Standard Conditions (effective November 1, 1942) Numbers 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17 and 18.

Respectfully submitted,

R. W. McIndoe
Assistant Engineer

RWM:vp

Approved:

R. W. Kremer
District Engineer

RECEIVED 11372

APPLICATION NO. A 1414

11372

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

RECEIVED

951 MAR 9 AM 8 44

BL... ENGINEERIN
TO

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

February 2, 1951

From Brentwood Borough Allegheny
(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 "COM-
MONWEALTH OF PENNSYLVANIA-DEPART-
MENT OF HEALTH" FOR TWENTY-FIVE DOL-
LARS 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 Brentwood Borough or _____
(Name of Municipality) (Name of person)

in Allegheny County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for Construction of Sanitary Sewers in Colonial Park Plan-Brentwood Borough-Allegheny County, Pennsylvania.

(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)
Sewers vary in size from 8 inch to 12 inch pipe, and connect to an existing 12 inch pipe Sanitary Sewer. These sewers provide drainage for 74 lots in Colonial Park Plan and it is possible to connect the proposed sewers of about 60 acres in the Borough of Whitehall, Allegheny County, Pa. The above named existing 12 inch pipe Sanitary Sewer is a part of Sewer District No. 6 of Brentwood Borough.

11373

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

T.J. McGovern-Registered Engineer #1363

(Name of Engineer)

and in the report thereon prepared by

T.J. McGovern

(Name of Engineer)

all of which are made part of this application.

Brentwood Borough

[Signature]
 (Name) President
[Signature]
 (Title) Secretary
Brownsville Road, Pittsburgh 27, 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:

F.H. Appenrodt

being duly Sworn

according to

law deposes and says that the foregoing application is made in pursuance of a Motion
duly adopted by the Council of the Borough of Brentwood
and approved by the _____ thereof, on the 27th
day of February 1951 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

[Signature]
(Name)

before me this

28th

[Signature]
(Title)

day of

Feb 1951

(Notary Public)

My Commission expires

2-28-52

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 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; 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, Sections 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. 1280, amended by Act approved May 11, 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.

*File plans & check dated 3-8-51 drawn on ...
for filing 3-16-51 ... to Hwy 3/2/51*

RESOLUTION OF THE SANITARY WATER BOARD

11375

RELATIVE TO FEES:—(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED, That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

RECEIVED

MAR 12 1951

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

DISTRICT OFFICE

"D"

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 _____

11378

April 10, 1951

FORM 88-201
10-20-49

SUBJECT: Sewerage Application No. A-1414
Brentwood
Allegheny County

TO: District Engineer
District "D"

FROM: A. F. Lehmann 
Sewerage Division

We note that Sheet 1 of the plans submitted with this application show a manhole with the note, "Proposed connection for Whitehall Borough", but that no invert elevation is shown for this manhole. Will you kindly furnish us with the invert elevation so we may note it on the plan.

AFL:vg

Greensburg, Pennsylvania
April 12, 1951

Sewerage Appl. #A-1414
Brentwood
Allegheny County

11380

Mr. A. E. Lehmann
Sewerage Division

R. W. Reindoe, Assistant Engineer
District "D"

In answer to your memorandum of April 10, 1951, please be advised that the invert elevation for the manhole in question is 1142.7 \pm .

This information was obtained from the Whitehall plans submitted with Application #A-1426. Since this is a manhole to be constructed by the Borough of Whitehall it is not necessary for the Borough of Brentwood to show the invert elevations on these plans.

Actually, it is believed that this manhole has been constructed some time ago and Whitehall's use of the connection to the Brentwood sewer was withheld in the permit issued in response to Application #A-358 submitted by Whitehall.

RWR:scs

11381

McCabe

Whitney

Walters

King

UNITED STATES

Copied

9-20-51

US

TO: SAC, [illegible]

FROM: SAC, [illegible]

SUBJECT: [illegible]

RE: [illegible]

1951

1951

RECEIVED
APR 28 1951
DISTRICT OFFICE
"D"

11383

Application	Feb. 2, 1951	No.	A-1444
Issued	April 26, 1951	No.	# 8127
Recorded	June 27 1951	Vol.	3122
Report by	McIndoe	No.	# 8127
		Page	518
		Vol.	304

Name	
Place	Brentwood Borough
County	Allegheny
File No.	

Conditions and Stipulations

Disposition

*** the borough of Brentwood, Allegheny 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 two plans accompanying the application. Both plans of the folio are entitled, "Private Contract Sanitary Sewers Colonial Park Plan Brentwood Borough Allegheny County, Pa.", and are numbered respectively Sheet 1 of 2 and Sheet 2 of 2. The folio of plans was prepared by T. J. McGovern and bears his seal as a Registered Professional Engineer, and was received in the Greensburg Office of the Pennsylvania Department of Health on March 20, 1951.

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.

This permit is issued in response to an application (No. A-1444) filed in the Greensburg Office of the Pennsylvania Department of Health on the 12th day of March A. D. 1951 in accordance with the authorization given by the Sanitary Water Board at its meeting on April 18-19, 1951.

To be recorded in Allegheny County.

April 26, 1951.

Application	February 2, 1951	No. A-1414	Name	Borough Council
Issued	April 26, 1951	Vol.	Place	Brentwood
Recorded		Page	County	Allegheny
Report by	McIndoe	Vol.	File No.	

Conditions and Stipulations

Disposition

*****hereby issues this permit to the borough of Brentwood, Allegheny 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 two plans accompanying the application. Both plans of the folio are entitled, "Private Contract Sanitary Sewers Colonial Park Plan Brentwood Borough Allegheny County, Pa.", and are numbered respectively Sheet 1 of 2 and Sheet 2 of 2. The folio of plans was prepared by T. J. McGovern and bears his seal as a Registered Professional Engineer, and was received in the Greensburg Office of the Pennsylvania Department of Health on March 20, 1951.

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.

This permit is issued in response to an application (No. A-1414) filed in the Greensburg office of the Pennsylvania Department of Health on the 12th day of March A. D. 1951 in accordance with the authorization given by the Sanitary Water Board at its meeting on April 16-19, 1951.

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

Application	No.	Name	Borough Council
Issued	Vol.	Place	Brentwood
Recorded	Vol.	County	Allegheny
Report by	No.	File No.	

Conditions and Stipulations

Disposition

September 27, 1949

Registered Mail

Sewerage
Brentwood Borough
Allegheny County

To the Borough Council of
Brentwood, Allegheny County, Pennsylvania

Attention: F. H. Appenrodt, Secretary
Sceneridge Apartments
3336 Brownsville Road
Pittsburgh 27, Pennsylvania

Gentlemen:

Under date of May 16, 1945 you were notified by direction of the Sanitary Water Board either to abate the discharge of sewage to the waters of the Commonwealth or to submit for the approval of the Board detail construction plans for works to provide treatment of the sewage discharged from your municipal sewer system, the degree of treatment called for in the notice being primary treatment with provision for effective disinfection and with the further stipulation that the effluent be suitable for discharge into the receiving water.

In consideration of the further development of the Sanitary Water Board's program for stream improvement and in accordance with the degree of treatment of the Pittsburgh pool approved by the Ohio River Valley Water Sanitation Commission, to which the Commonwealth of Pennsylvania is a party, the Board by action at its meeting on September 21, 1949 determined that the degree of treatment of sewage discharged from municipalities in Allegheny County shall effect the removal of approximately 50% of the organic pollution load as measured by the biochemical oxygen demand test and that, similarly, sewage discharged from the municipalities along the Allegheny River in Westmoreland County downstream from the Butler-Armstrong Counties line to the Allegheny County line, shall be treated to the same degree.

11386

The degree of treatment specified by the Board is the same degree as that provided in the plans of the Allegheny County Sanitary Authority but inasmuch as your municipality has the option of determining whether it desires to participate in the Authority's program or to proceed under some other plan, the Board directed that you be informed of the aforesaid requirement in order that you may prepare your plans accordingly.

Very truly yours,

John W. Gittins
Acting Secretary
Sanitary Water Board

JWG:McC

By direction of the Board

PERMIT NO. 9098-S

BRENTWOOD SANITARY SEWERS IN DISTRICT 4J

ISSUED JULY 18, 1958

APPLICATION NO. 2499

11389

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD

PH 9089

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

April 15, 1950
(Date)

From Council of the Borough of Brentwood
(Name of Municipality or "Person")

Allegheny
(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 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 Brentwood Borough or _____
(Name of Municipality) (Name of person)

in Allegheny County, in the Commonwealth of Pennsylvania, hereby make

application for the issuance of a permit for the construction of an 8" terra cotta pipe sanitary sewer with the necessary manholes in Sanitary Sewer

(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. System District 4-J (Being a part of the Southeasterly section of

Brentwood Farms Laterals), which flows into existing Brentwood Road

the application involves the discharge of treated or untreated sewage to the waters of the Commonwealth, then the said report must include evidence and Streets Run Road Trunk sewers which empties into the Monongahela 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 River near Hays, Pa.

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.)

1958

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by R. A. Schneider, Borough Engineer, 2704 Brownsville Rd., Pgh., 27, Pa.

(Name of Engineer)

R. A. Schneider

and in the report thereon prepared by

(Name of Engineer)

all of which are made part of this application.

BOROUGH OF BRENTWOOD

Fred E. Yeager

(Name)

Secretary

(Title)

3624 Brownsville Rd., Pgh., 27, 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 ALLEGHENY

} SS:

Fred E. Yeager

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 Borough of Brentwood and approved by the Burgess thereof, on the 15th day of April 1958 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

Fred E. Yeager

(Name)

before me this 25th

Secretary

(Title)

day of April 1958

[Signature]

(Notary Public)

My Commission expires Jan 31, 1961

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, as 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.

RELATIVE TO FEES:—(Revision February 16, 1944)

“THEREFORE BE IT RESOLVED, That this Board hereby amends the aforesaid resolutions to read as follows:

“WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America 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 _____

RECEIVED
MAY 16 1938
REGIONAL OFFICE

APPL. NO. _____

DIST. NO. _____

SANITARY SEWERS - DISTRICT

Appendix A-20-b

PLANS DATED _____

ENGINEER _____

MUNICIPALITY Bentley COUNTY _____

TITLE Proposed Sanitary Sewer

11393

DESIGN DATA ----

POP. DATE _____
 AVER. DAILY (B.P.C.) _____
 MAX. DAILY (B.P.C.) _____
 PEAK DAILY (B.P.C.) _____
 INF. DAILY (B.P.M.) _____

STREET			LENGTH	SIZE	INVERT ELEVATIONS	DIFF.	GRADES %		AREA ACRES	POPULATION DENSITY PER ACRE	POPULATION		FLOW GAL./CAP DAILY	FLOW MGD		CAPACITY MGD		VELOCITY FT./SEC	
ON	FROM	TO					PLAN	CHECK			INC.	TOT.		INC.	TOT.	FULL	.7 FULL	FULL	MIN. DES.
			2100	8"	1118.00	2.24	3												
			1000	8"	1113.00	2.2													
			100	8"	1112.00	2.22													
			100	8"	1107.00	1.9													
B. West	14	13	123	8"	1150.5	1.7													
	13	11	170	8"	1151.00	2.5													
B. East	12	11	159	8"	1170.00	2.37													
	11	7	190	8"	1155.00	2.67													
E. East	16	15	200	8"	1170.00	2.22													
	15	6	70	8"	1161.5	2.2													
	6	5	300	8"	1167.00	2.54													
	5	4	220	8"	1160.00	2.2													
	4	3	50	8"	1147.50	1.65													
	3	2	150	8"	1140.00	1.5													
	2	1	40	8"	1130.00	2.7													

SUBJECT: Sewerage - Application No. 2499-S
Brentwood
Allegheny County

TO: Dick C. Heil
Regional Sanitary Engineer
Region IV

FROM: Arthur F. Lehmann
Chief, Sewerage Section *AFL*

COMMONWEALTH OF PENNSYLVANIA

June 23, 1958

File

11394

RECEIVED

JUN 25 1958

REGIONAL OFFICE
IV

The plans submitted with this application indicate a piece of curved sewer downgrade from manhole No. 4 at a turn in Pointview Road. It is believed that this is probably an error in drawing the plan, inasmuch as the profile indicates an angle at both manholes No. 3 and No. 4.

In any event, please have a corrected plan sheet submitted showing the sewer straight between these two manholes. We are planning to get this case before the Sanitary Water Board at its July meeting if the corrected plan is submitted by that time.

AFL/CLS:mmm

June 23, 1958

Sewerage - Application No. 2499-S
Brentwood
Allegheny County

11395

Dick G. Neill
Regional Sanitary Engineer
Region IV

RECEIVED

JUN 25 1958

REGIONAL OFFICE
IV

Arthur F. Lehman
Chief, Sewerage Section

The plans submitted with this application indicate a piece of curved sewer downgrade from manhole No. 4 at a turn in Pointview Road. It is believed that this is probably an error in drawing the plan, inasmuch as the profile indicates an angle at both manholes No. 3 and No. 4.

In any event, please have a corrected plan sheet submitted showing the sewer straight between these two manholes. We are planning to get this case before the Sanitary Water Board at its July meeting if the corrected plan is submitted by that time.

ATL/GLS:wm

July 2, 1958

Severage
Brentwood Borough
Allegheny County

44396

Mr. Arthur F. Lehmann, Chief
Severage Section

Mr. Frank G. Hall
Regional Sanitary Engineer
Sgt. Jack H. Diller, Sanitary Eng. II
Region IV

Transmitted herewith is an addition to the application
#2499-S. Note that this is a revision to correct a curved
portion of the section between Manhole #3 and #4.

KED/cam
Encl.

COMMONWEALTH OF PENNSYLVANIA



11397

DEPARTMENT OF HEALTH
SANITARY WATER BOARD
P. O. BOX 80
HARRISBURG

July 18, 1958

Permit No. 9089-3

Sewerage

**Brentwood Borough
Allegheny County**

**Council of the Borough of Brentwood
3624 Brownsville Road
Pittsburgh 27, Pennsylvania**

Attention: Fred E. Yeager, Secretary

RECEIVED

JUL 22 1958

REGIONAL OFFICE
IV

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9089-3 dated **July 18, 1958** to the **Council of the Borough of Brentwood** 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. Dick G. Heil, 300 Liberty Avenue, Pittsburgh 22, 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 **Allegheny** 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.

cc: **Mr. Lehmann
Mr. Heil
Permit Registrar
Mail Clerk**

Very truly yours,

A. P. Lehmann, Chief
Sewerage Section

By _____

Encl.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Appendix A-20-b

Application Dated	4/15/58	No.	24	Name	Borough of Brentwood
Date Permit Issued	7/15/58	Vol.		Place	Brentwood Borough
Date Recorded		Vol.		County	Allegheny
Regional Office Report by		Page			11398
Engineer's Study by		No.		File No.	

Conditions and Stipulations	Disposition
<p>***, hereby issues this permit to the Borough of Brentwood, Allegheny County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sewer extensions as shown on two revised plans supplementing the application. The plans are respectively entitled "Letting Plan**" and "Profiles of Proposed Sanitary Sewer District 4-J. Being a part of the South-easterly section of Brentwood Farms Laterals Brentwood Borough, Allegheny County, Pa." The plans were prepared by and bear the seal of R. A. Schneider, Pennsylvania Registered Professional Engineer, and were received in the Region IV Office of the Pennsylvania Department of Health on June 27, 1958.</p> <p>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.</p> <p>This permit is issued in response to an application (No. 2499-8) filed in the Region IV Office of the Pennsylvania Department of Health on the 16th day of May A. D. 1958 in accordance with the authorization given by the Sanitary Water Board at its meeting on July 16-17, 1958.</p> <p>It is required by law that this permit before being operative shall be recorded in the office of the Recorder of Deeds for Allegheny County.</p>	

HSE 6307

11399

Commonwealth of Pennsylvania
Department of Health
Sanitary Water Board

RECCRDER OF DEEDS CERTIFICATE

I hereby certify that on . . . August 11th, 1958
(Date)
there was recorded in ~~333~~ Deed Book Volume 3720
page. . . 86 the sewerage permit issued
to Borough of Brentwood
bearing date of . . . July 18th, 1958

. . John J. Esler
Recorder of Deeds for

. . Allegheny County

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Appendix A-20-b

11401

Application Dated	April 15, 1958	No. 499-3	Name	
Date Permit Issued	July 13, 1958	Vol. 3000 No. 9 89-3	Place	Brentwood Borough
Date Recorded	8/11/58	Vol. 3710 Page 26	County	Allegheny County
Regional Office Report by	Karl Dillon		File No.	
Engineer's Study by		No.		

Conditions and Stipulations	Disposition

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH
SANITARY WATER BOARDP. O. BOX 90
HARRISBURG

July 18, 1958

Certificate

Sewerage

**Brentwood Borough
Allegheny County****Council of the Borough of Brentwood
3624 Brownsville Road
Pittsburgh 27, Pennsylvania****Attention: Fred E. Yeager, Secretary**

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. **9089-8** dated **July 18, 1958** to the **Council of the Borough of Brentwood** 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. Dick G. Neill, 300 Liberty Avenue, Pittsburgh 22, 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 **Allegheny** 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.

cc: **Mr. Lehmann
Mr. Neill
Permit Registrar
Mail Clerk**

Very truly yours,

A. F. Lehmann, Chief
Sewerage Section

By _____

Encl.

P: 11403

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT

9009-8

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 Borough of Brentwood, Allegheny County, its successors or assigns, in response to an application from the said municipality, and hereby approves, subject to certain conditions, the proposed sewer extensions as shown on the revised plans supplementing the application. The plans are respectively entitled "Lotting Plan" and "Profiles of Proposed Sanitary Sewer District b-j. Being a part of the Southeastern section of Brentwood Farms laterals Brentwood Borough, Allegheny County, Pa." The plans were prepared by and bear the seal of R. A. Schneider, Pennsylvania Registered Professional Engineer, and were received in the Region IV Office of the Pennsylvania Department of Health on June 27, 1958.

11404

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. 2499-S) filed in the Region IV Office of the
 Pennsylvania Department of Health on the 16th day of
 May A. D. 1958 in accordance with the authorization given
 by the Sanitary Water Board at its meeting on July 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 Allegheny County.

SANITARY WATER BOARD

By: _____
 C. L. Wilbar, Jr., M. D.
 Secretary of Health
 Chairman

Attest: _____
 Walter V. Kohler
 Secretary

Harrisburg, Pennsylvania

JUL 18 1958

11405

SEWERAGE
PROPOSED SANITARY SEWER

June 6, 1958

MUNICIPALITY: Borough of Brentwood COUNTY: AlleghenyAPPLICANT: Borough of Brentwood
Fred E. Yeager, Secretary
3624 Brownsville Road
Pittsburgh 27, PennsylvaniaAPPLICATION RECEIVED AT: Region IV Office, PittsburghON: May 16, 1958DATED: April 15, 1958NUMBERED: 2499-SACCEPTED: May 21, 1958

APPLICANT'S REQUEST: The issuance of a permit for "the construction of an 8" terra cotta pipe sanitary sewer with the necessary man-holes in Sanitary Sewer System District 4-J (Being a part of the Southeasterly section of Brentwood Farms Laterals), which flows into existing Brentwood Road and Streets Run Road Trunk sewers which empties into the Monongahela River near Hays, Pa."

PLANS AND SUPPORTING DATA:

A folio of two (2) plans prepared by and bearing the seal and signature of R. A. Schneider, Pennsylvania Registered Professional Engineer, were received on May 16, 1958. The plans, consisting of two sheets have the general title "Proposed Sanitary Sewer District 4-J Brentwood Borough" with the following subtitles and dates:

<u>Subtitle</u>	<u>Date</u>
Letting Plan	April 15, 1958
Profiles	April 15, 1958

The plans, together with the application, were submitted in duplicate, accompanied by a check for filing fee in the amount

of twenty-five dollars (\$25.00) made payable to the Commonwealth of Pennsylvania, Department of Health.

GENERAL DESCRIPTION:

The Borough of Brentwood is essentially a residential community located in the South Hills District of Allegheny County, contiguous to and south of the City of Pittsburgh. The borough had a population of 12,535 in 1950.

A public water supply is provided for residents of the borough by the South Pittsburgh Water Company which obtains its supply from the Monongahela River. The water is filtered, partially softened and chlorinated prior to distribution.

The borough is generally provided with a system of sanitary sewers. There are two main watersheds; the Saw Mill Run watershed which drains eventually into the Ohio River, and Streets Run watershed which drains eventually to the Monongahela River at Hays.

COMPLIANCE WITH PERMITS AND SANITARY WATER BOARD ORDERS:

The Borough of Brentwood received an order from the Sanitary Water Board dated May 15, 1945 for the preparation of plans and report for the collection and treatment of all the sewage of the borough. This office was notified by a letter from the Allegheny County Sanitary Authority dated May 25, 1950 that the Borough of Brentwood had signed final satisfactory agreements with the Allegheny County Sanitary Authority.

RECEIVING STREAM:

The flow from the proposed sanitary sewer laterals will

be to the existing Brentwood Road and Streets Run Road trunk sewers which eventually empty into the Monongahela River near Hays.

The Monongahela River is a polluted stream containing untreated sewage, industrial waste and large amounts of acid mine drainage, and is used for many industrial and public water supplies throughout its length.

The first public water supply taken from the Monongahela River downstream from the outfall of the Streets Run interceptor is by the South Pittsburgh Water Company about two miles downstream.

PROPOSED PLAN:

It is proposed to construct 2,743 lineal feet of 8" sanitary sewers on Point View Road and East Garden Road in District 4-J of the Brentwood Farms Laterals. These lateral extensions will connect to the existing Brentwood Road trunk sewer at existing Manhole #1.

The sewers will have a minimum grade of 2.0% and a maximum grade of 53.0%, a minimum ground cover of 3 feet, except where it is concrete encased for 45 feet, and a maximum distance between manholes of 372.4 feet. Concrete anchors will be provided on the lines with a grade in excess of 20%.

The plans indicate that there will be approximately sixty homes which can receive benefit from the proposed sewerage. At an average of 3.7 persons per house and 200 g.p.o.d., the ultimate future flow will be 0.046 m.g.p.d. An 8" sewer with a

11408

minimum grade of 2% will carry 0.5 m.g.p.d. flowing 0.5 full.

DISCUSSION:

The proposed sanitary sewer laterals appear to meet with design requirements. The size of pipe and grades are sufficient to provide adequate capacity and self cleansing velocities for the maximum future flow.

When the Allegheny County Sanitary Authority's interceptor system and sewage treatment works is constructed and placed in operation, the flow from this proposed sewerage will receive intermediate degree treatment at the Authority's treatment plant.

RECOMMENDATIONS:

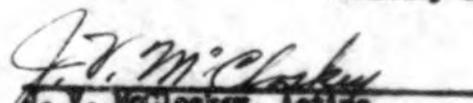
It is recommended that a sewerage permit be issued to the Borough of Brentwood, Allegheny County, its successors or assigns, in response to the application sworn to on April 25, 1958 by Fred E. Yeager, Borough Secretary and approval of the accompanying plans be given subject to the following Standard Conditions Relating to Sewerage (effective November 1, 1942) Numbers 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17 and 18.

Respectfully submitted,

Karl E. Dillon
Karl E. Dillon
Sanitary Engineer II

KED/can

Approved:


J. V. McCloskey, Acting
Regional Sanitary Engineer

PERMIT NO. 9518-S

**BRENTWOOD SANITARY SEWERS IN OAKTON PLAN
OF LOTS**

ISSUED JANUARY 25, 1960

APPLICATION NO. 2917-S

11411

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD

P# 9515

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

October 5, 1959

(Date)

From Brentwood Borough

(Name of Municipality or "Person")

Allegheny

(County)

IF A "PERSON"; Project is located in Brentwood Borough

(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 Brentwood Borough OR _____
(Name of Municipality) (Name of person)
in Allegheny County, in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for construction of sanitary collecting sewers in Oakton Plan of Lots.

(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 hereon. 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.)

11412

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by Lorenzi, Dodds & Gunnill

(Name of Engineer)

and in report thereon prepared by Lorenzi, Dodds & Gunnill

(Name of Engineer)

all of which are made part of this application.

G. J. Snyder

(Name)

President of Council

(Title)

3624 Brownsville Road

Pgh. 27, 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 ALLEGHENY

} SS:

Fred E. Yeager, 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 Council of the Borough of Brentwood and approved by the Borough Council thereof, on the Fifteenth day of September 19 59 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

Fred E. Yeager
(Name)

before me this

7th

Secretary of Council
(Title)

day of

November

19 59

W. H. E. [Signature]
(Notary Public)

My Commission expires

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, as 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.

RELATIVE TO FEES:—(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED, That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P. L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. 2917-S Attested Nov. 7, 1959 Rec'd 11/13/59

For Sewers

PLANS: Number of 1 Rec'd 12/23/59

Designers Repat.

Serial No. 28482 - FILE NO. 2600

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

9518-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 Brentwood Borough, Allegheny County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of a sewer extension to serve the
Oakton plan of lots,

as shown on plans and described in a report as follows:

One plan bearing the title, "Paving, Drainage and Sanitary Sewers, Oakton Plan of Lots, Brentwood Borough, Allegheny Co., Pa. laid out for Prospect Homes Inc."

"Summary Report to Accompany Application for Sanitary Water Board Permit."

The plans and report were prepared by Lorenzi, Dodds & Gunnill, Consulting Engineers, bear the seal of Charles Allen Wortley, Pennsylvania Registered Professional Engineer, and were received in the Region IV Office of the Pennsylvania Department of Health on November 9, 1959.

And this permit is further subject to the following numbered
 Standard Conditions of "STANDARD CONDITIONS RELATING TO SEWERAGE" effec-
 tive **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. **2917-S**) filed in the **Region IV** Office of the
 Pennsylvania Department of Health on the **9th** day of
November A. D. **1959** in accordance with the authorization given
 by the Sanitary Water Board at its meeting on **January 20-22, 1960.**

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

JAN 25 1960

BRENTWOOD - OAKTON PLAN

LENGTH = 560 FT

POPULATION SERVED = 16 LOTS = 6 ACRES

= 64 = 72 USE 64

MAX FLOW = $64 \times 400 = 25,600$ GPD

CAPACITY OF LINE @ 3.45% = 1,300,000 GPD

RECEIVING SEWER JUNE 19, 1929

Re arrange existing sewage treatment plant
misplaced

11-118

SEWERAGE
BRENTWOOD BOROUGH, ALLEGHENY COUNTY
SEWER EXTENSION
APPLICATION NO. 2917-S

December 18, 1959

APPLICANT: Brentwood Borough
Allegheny County

APPLICATION: Dated: October 5, 1959
Signed by: G. J. Snyder, President of Council
Address: 3624 Brownsville Road
Pittsburgh 27, Pennsylvania
Received in the Region IV Office on November 9, 1959.

APPLICANT'S REQUEST:

"construction of sanitary collecting sewers in Oakton Plan of Lots."

DESCRIPTION OF PROJECT:

Construction of a sewer extension to serve 64 persons.

PLANS:

One plan bearing the title, "Paving, Drainage and Sanitary Sewers, Oakton Plan of Lots, Brentwood Borough, Allegheny County, Pa. laid out for Prospect Homes Inc."

REPORT:

"Summary Report to Accompany Application for Sanitary Water Board Permit."

SPECIFICATIONS:

None.

DESIGN ENGINEER:

The plans and engineer's report were prepared by Lorenzi, Dodds and Gunnill, Consulting Engineers, Pittsburgh, Pennsylvania, and bear the

seal of Charles Allen Wortley, Pennsylvania Registered Professional Engineer. The plans and engineer's report were received in the Region IV Office of the Pennsylvania Department of Health on November 9, 1959.

RECEIVING STREAM AND DEGREE OF TREATMENT:

Ohio River (intermediate).

PREVIOUS ORDERS AND PERMITS:

Numerous permits have been issued to Brentwood Borough and the borough has generally complied with the conditions of said permits. There are no orders outstanding at the present time. The proposed sewer extension will discharge to a sewer approved June 19, 1929 in response to application #5008.

GENERAL CONDITIONS:

The Borough of Brentwood is primarily residential in nature and is located in the South Hills District of Allegheny County, adjacent to the City of Pittsburgh. The borough had a population of 12,535 in 1950. A public water supply is provided the borough by the South Pittsburgh Water Company which obtains its supply from the Monongahela River, and filters, softens and chlorinates the water prior to distribution.

EXISTING SEWER SYSTEM:

The borough is generally served by a system of sanitary sewers. The proposed sewer will discharge to the Streets Run trunk sewer which in turn discharges to an Allegheny County Sanitary Authority interceptor along the Monongahela River.

For further information, see Section III of the designer's summary report.

11420

EXISTING SEWAGE TREATMENT WORKS:

The Allegheny County Sanitary Authority Treatment Plant at Wood's Run provides intermediate treatment which includes pre-aeration, settling and chlorination of the sewage prior to discharge to the Ohio River. The capacity of the plant is adequate to accommodate the flow from the proposed extension.

PROPOSED SEWER EXTENSION:

The proposed sewer extension consists of 560 feet of 8 inch terra cotta pipe, serving 16 lots in the Oakton Plan of Lots. The estimated population of the plan will be 64 persons and the maximum flow from the plan at ultimate development will be 25,600 gallons per day. Capacity of the line flowing full at its minimum slope of 3.45% will be 1,300,000 gallons per day. Anchors will be provided on slopes greater than 20% and concrete casement provided where cover is less than 3 feet.

For additional information, see Section V of the designer's summary report.

CONDITION AND USE OF RECEIVING STREAM:

The Ohio River contains sewage, industrial wastes and acid mine drainage to the extent that it is an acid stream at times.

STREAM ENCROACHMENTS:

There are no crossings or encroachments of any streams under the jurisdiction of the Department of Forests and Waters.

DISCUSSION:

The proposed sewer is of generally satisfactory design and of

adequate capacity to meet the requirements of the Pennsylvania Department of Health. Both the receiving sewers and sewage treatment plant have adequate capacities to accommodate the flow from the proposed sewer. The plans can therefore be approved subject to certain conditions.

RECOMMENDATIONS:

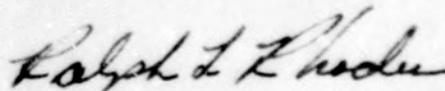
It is recommended that a permit be issued to Brentwood Borough, Allegheny County, approving construction of the proposed sewer extension as set forth and described in the aforesaid plans and report subject to the following conditions.

Standard Conditions: Sewerage (1942): 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27.

RECORDING OF PERMIT:

Being for construction only, this permit need not be recorded in the County Recorder's Office.

Respectfully submitted,



Ralph L. Rhodes
Sanitary Engineer I

RLR/dy

Approved:



Dick C. Heil
Regional Sanitary Engineer
Region IV

COMMONWEALTH OF PENNSYLVANIA

11423



DEPARTMENT OF HEALTH

P. O. BOX 90

HARRISBURG

Engineer's Study No. 9518-S

Application No. 2917-S
Brentwood Borough
Allegheny County
Sewer Extension

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.

January 7, 1960

C. L. Siebert, Jr.

C. L. Siebert, Jr.
Sanitary Engineer

The foregoing recommendation is approved and Permit No. 9518-S transmitted herewith has been authorized by the Sanitary Water Board for issuance to the applicant.

January 25, 1960

Arthur F. Lehmann

Arthur F. Lehmann
Chief, Sewerage Section

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
DIVISION OF SANITARY ENGINEERING

11424

REGIONAL OFFICE REPORT TRANSMITTAL
(in triplicate)

Date December 22, 1959

RECEIVED
DEC 23 AM 9 15
DEPT. OF HEALTH
DIVISION OF SANITARY ENGINEERING

Section Sewerage

Municipality Brentwood
County Allegheny

To: Section Office, Harrisburg

From: REGION IV Forwarded by Patricia L. Fisher
Signature

Application No. 2917-S

Name of Applicant Brentwood Borough

Attached is Regional Office Report, in duplicate, dated December 18, 1959

Application and other data pertaining to this project were transmitted to
Harrisburg for accessionment on November 12, 1959

Date received, Section Office _____

Date received, Permit Registrar 12/23/59

Engineer's Study No. _____ Prepared by _____ Date _____

Permit No. 9516-S Date 1/25/60

Date copies of Permit, Engineer's Study and Regional Office
Report Transmittal were returned to Regional Office _____

Attached: Plans and designer's report.

SUMMARY REPORT TO ACCOMPANY APPLICATION FOR
SANITARY WATER BOARD PERMIT

11425

Section I. Relevant Sanitary Water Board Permits and/or Orders

The State permit No. 27503 is applicable for the Oakton Plan of Lots.

Section II. General Conditions

The proposed new collecting sewers are located in Brentwood Borough. This Borough is situated in the South Hills area of Allegheny County. The topography varies, being mostly severe. No streams are involved in existing or proposed discharges.

These collecting sewers are to be constructed to serve a new residential area. This residential area will be served by the South Pittsburgh Water Company. No industrial wastes are involved.

Section III. Existing Sanitary Sewer System

The Borough of Brentwood is a sewered Community. An overall comprehensive plan of the Borough sewers is not available. The Brentwood Road Sewer is covered by State permit #27503. The Oakton Plan of Lots drain into the Streets Run Trunk sewer; thence into the Allegheny County Sanitary Authority interceptor along the Monongahela River and thence to the Allegheny Company Sanitary Authority Treatment Plant.

The Oakton Plan drains directly into the Brentwood Road Sewer.

Section IV. Existing Sewerage Treatment Works

The Oakton Plan will be sewed by the Allegheny County Sanitary Authority Treatment Plant. This plant has adequate capacity.

Section V. Proposed Sanitary Sewer System, Intercepting Sewers or Sewer Extensions

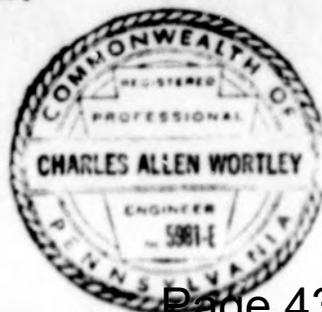
The proposed sanitary collectors in the Oakton Plan serve 16 lots. The lower reach of the proposed collectors, to be built as a part of the Oakton Plan serves a total tributary Area of six (6) acres. The receiving sewers are adequate.

Section VI. Proposed Pumping Stations

None.

Section VII. Stream Encroachments

None.



Prepared By:

LORENZI, DODDS AND GUNNILL,
Consulting Engineers

11427

BASIS OF DESIGN

- (a) MANNING'S FORMULA $V = \frac{1.486}{n} R^{2/3} S^{1/2}$
- (b) ROUGHNESS COEFFICIENT $n = 0.013$ (V.C.P.) n CONSTANT WITH DEPTH
- (c) MINIMUM SLOPE $S_{min} = 0.005$
- (d) MINIMUM VELOCITY $V_{min} = 2.0$ ft/sec @ $d = 1.0$
- (e) AVERAGE SEWAGE FLOW RATE $Q_a = 100$ GALLONS/CAPITA/DAY
- (f) INDUSTRIAL SEWAGE FLOW RATE = NEGLIGIBLE
- (g) INFILTRATION RATE $Q_i = 1000$ GALLONS/ACRE/DAY
- (h) DESIGN SEWAGE FLOW RATE $Q_D = 2Q_a + Q_i$ @ $d = 0.5$
- (i) DESIGN ON BASIS OF AN ULTIMATE POPULATION DENSITY OF 20 PEOPLE/ACRE
- (j) MINIMUM COVER = 4' TO INVERT; 5' USED IN GENERAL
- (k) MANHOLES USED AT
 - (1) CHANGE IN LINE OR GRADE
 - (2) CHANGE IN PIPE SIZE
 - (3) JUNCTIONS
 - (4) 400' INTERVALS

$$Q_D = 2Q_a + Q_i = (2 \times 100 \times 20 \times A) + (1000 \times A) = 5000 A$$

	8" @ 1/2%	10" @ 1/2%	8" @ 1%	10" @ 1%
Q CAPACITY @ $d = 1.0$	0.55 mgd	1.00 mgd	0.80 mgd	1.45 mgd
V @ $d = 1.0$	2.4 fps	2.8 fps	3.5 fps	4.1 fps
Q_D CAPACITY @ $d = 0.5$	0.275 mgd	0.50 mgd	0.40 mgd	0.725 mgd
A	55 Ac	100 Ac	80 Ac	145 Ac

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Appendix A-20-b 1129

Application Dated	October 5, 1959	No.	914-S	Name	Borough of Brentwood
Date Permit Issued	January 25, 1960	Vol.	No. 951 ^B -S	Place	
Date Recorded		Vol.	Page	County	Allegheny County
Regional Office Report by	Ralph L. Rhodes			File No.	
Engineer's Study by		No.			

Conditions and Stipulations	Disposition

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 SEWAGE PERMIT CONDITIONS AND STIPULATIONS

Appendix A-20b
 11190

Application Dated		No. 2917-S	Name	Brentwood Borough	
Date Permit Issued	1/25/60	Vol.	No. 9518-S	Place	Brentwood
Date Recorded		Vol.	Page	County	Allegheny
Regional Office Report by				File No.	
Engineer's Study by					

Conditions and Stipulations

Disposition

***", hereby issues this permit to Brentwood Borough, Allegheny County, its successors or assigns, and hereby approves, subject to certain conditions:

the construction of a sewer extension to serve the Oakton plan of lots,

as shown on plans and described in a report as follows:

One plan bearing the title, "Paving, Drainage and Sanitary Sewers, Oakton Plan of Lots, Brentwood Borough, Allegheny Co., Pa. laid out for Prospect Homes Inc."

"Summary Report to Accompany Application for Sanitary Water Board Permit".

The plans and report were prepared by Lorenzi, Dodds & Gunnill, Consulting Engineers, bear the seal of Charles Allen Wortley, Pennsylvania Registered Professional Engineer, and were received in the Region IV Office of the Pennsylvania Department of Health on November 9, 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, 14, 15, 17, 18 and 27.

This permit is issued in response to an application (No. 2917-S) filed in the Region IV Office of the Pennsylvania Department of Health on the 9th day of November A. D. 1959 in accordance with the authorization given by the Sanitary Water Board at its meeting on January 20-22, 1960

11432

January 25, 1960

Certified Mail

Sewerage
Brentwood
Allegheny County

Borough of Brentwood
3624 Brownsville Rd.
Pittsburgh 27, Pennsylvania

Att: G. J. Snyder, President

Gentlemen:

The Sanitary Water Board in accordance with the provisions of law, authorized the issuance of a Sewerage Permit, No. 9518-S, dated January 25, 1960 to the Borough of Brentwood 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, Dick C. Heil, State Office Bldg., 300 Liberty Avenue, Pittsburgh 22, Pennsylvania either by personal conference or by correspondence, or if preferred, with this office.

Very truly yours,

WVK:mn

Walter V. Kohler
Secretary
Sanitary Water Board

cc ✓ Mr. Lehmann
Mr. Heil
Permit Registrar
Mail Clerk

PERMIT NO. 461S87

**BRENTWOOD SANITARY SEWERS IN RIVERA ESTATES
PLAN NO. 1,2,3**

ISSUED SEPTEMBER 21, 1961

HSE-8304 REV. 5-59

APPLICATION NO. 461-587-5

11435

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY WATER BOARD

RECEIVED

JUL 31 1961

REGIONAL OFFICE IV

PA. DEPT. OF HEALTH
BUREAU OF SANITARY WATER
DIVISION

1961 AUG 17 AM 8 51

RECEIVED

APPLICATION RELATIVE TO SEWERAGE OR TO THE DISCHARGE OF SEWAGE

July 10, 1961

(Date)

From Brentwood Borough

(Name of Municipality, Municipal Authority, Institution, Private Corporation or "Person")

Project is located in Brentwood Borough

(Name of Municipality or Township)

in Allegheny

County

To the Sanitary Water Board,

Secretary of Health, Chairman,

Harrisburg, Pennsylvania

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH 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 Brentwood Borough

(Name of Municipality)

or

(Name of Authority, Institution, Private Corporation or "Person")

in Allegheny

County, in the Commonwealth of Pennsylvania, hereby make

application for the issuance of a permit for construction of sanitary collecting sewers in

the Riviera Estates Plans No. 1, 2 and 3, Brentwood Sanitary Sewer District 4K

(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 hereto. 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

11436

Lorenzi, Dodds and Gunnill

(Name of Engineer)

and in report thereon prepared by Lorenzi, Dodds and Gunnill

(Name of Engineer)

all of which are made part of this application.

G. J. Snyder

G. J. Snyder
(Signature)

(Name)

President of Council

3624 Brownsville Road
Pittsburgh 27, Pa.

(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 ALLEGHENY

} SS:

Fred E. Yeager

being duly sworn according to

law deposes and says that he is the "person" or a responsible officer of the "municipality, municipal authority, institution, copartnership, association or private corporation" known as Secretary,

Borough of Brentwood

that (for municipalities, authorities,

school districts, etc.) the foregoing application is made in pursuance of a Resolution

(Resolution, ordinance, etc.)

duly adopted by the Brentwood Borough Council

of the

and approved by the thereof, on the 18th

day of July 19 1961, 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.

Sworn

to and subscribed

Fred E. Yeager
(Signature)

Secretary of Council

(Title)

before me this

day of 25th July 19 61

Mary A. Beckman
(Notary Public)

My Commission expires MARY A. BECKMAN, Notary Public

Brentwood, Allegheny Co., Pa.

My Commission Expires

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, as 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; BOROUGHES, 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.

RESOLUTION OF THE SANITARY WATER BOARD

11438

RELATIVE TO FEES: — (Revision February 16, 1944)

"THEREFORE BE IT RESOLVED. That this Board hereby amends the aforesaid resolutions to read as follows:

"WHEREAS, Section 609 of Act No. 394, approved June 22, 1937, P.L. 1987, 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, 1944, 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 required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: NO. _____

Received Region _____ Office _____ 19 _____

Received Central Office _____ 19 _____

PLANS: Number of _____ Received in Central Office _____

Serial No. _____ File No. 2600

PERMIT: No. _____ Authorized by Sanitary Water Board _____ 19 _____

Sent to _____ on _____ 19 _____

REMARKS: _____

11439

SUMMARY REPORT TO ACCOMPANY APPLICATION

FOR SANITARY WATER BOARD PERMIT

Section I. Relevant Sanitary Water Board Permits and/or Orders

The State permit number 27503 is applicable for the Riviers Estates Plans No. 1, 2 and 3.

Section II. General Conditions

The existing new collecting sewers are located in Brentwood Borough. This Borough is situated in the South Hills Area of Allegheny County. The topography varies, being mostly severe. No streams are involved in the existing discharges.

These collecting sewers were constructed to serve a new residential area. This residential area is served by the South Pittsburgh Water Company. No industrial wastes are involved.

Section III. Existing Sanitary Sewer System

The Borough of Brentwood is a sewered community. An overall comprehensive plan of the Borough sewers is not available. The Brentwood Road sewer is covered by State Permit No. 27503. The Riviera Estates Plans No. 1, 2 and 3 sanitary sewers drain via the Brentwood Road Sewers; thence into the Streets Run Trunk Sewer; thence into the Allegheny County Sanitary Authority interceptor along the Monongahela River and thence to the Allegheny County Sanitary Authority Treatment Plant.

Section IV. Existing Sewage Treatment Works

The Riviera Estates Plans are sewered by the Allegheny County Sanitary Authority Treatment Plant. This Plant has adequate capacity.

Section V. Sanitary Sewer System, Intercepting Sewers or Sewer Extensions

The existing sanitary collector sewers in the Riviera Estates Plans No. 1, 2 and 3 serve a total of 66 lots. The lower reach of the existing collectors were built as a part of the Riviera Estates Plans and serve a total tributary area of 64 acres. The receiving sewers are adequate.

Section VI. Proposed Pumping Stations

None

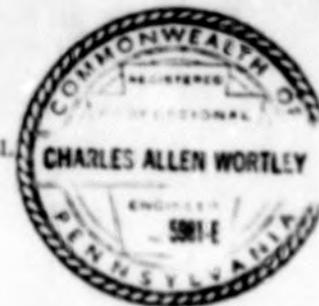
*actually 43 - others served by previous sewers
43 - 4 = 17*

Section VII. Stream Encroachments

None

Prepared by:

LORENZI, DODDS AND GUNNILL
Consulting Engineers



11440

BASIS OF DESIGN

- (a) Manning's Formula $V = \frac{1.486}{n} R^{2/3} S^{1/2}$
- (b) Roughness Coefficient $n = 0.013$ (V.C.P.) n constant with depth
- (c) Minimum slope $S_{min} = 0.005$
- (d) Minimum Velocity $V_{min} = 2.0$ ft./sec. @ $d = 1.0$
- (e) Average Sewage Flow Rate $Q_a = 100$ gallons/capita/day
- (f) Industrial Sewage Flow Rate = Negligible
- (g) Infiltration Rate $Q_i = 1000$ gallons/acre/day
- (h) Design Sewage Flow Rate $Q_D = 2Q_a + Q_i$ @ $d=0.5$
- (i) Design on Basis of an Ultimate Population Density of 20 People/acre
- (j) Minimum Cover = 4' to invert; 5' used in general
- (k) Manholes used at
 - (1) Change in Line or Grade
 - (2) Change in Pipe Size
 - (3) Junctions
 - (4) 400' Intervals



$$Q_D = 2Q_a + Q_i = (2)(100)(20)(A) + (1000)(A) = 5000A$$

	8" @ 1/2%	10" @ 1/2%	8" @ 1%	10" @ 1%
Q capacity @ d=1.0	0.55 mgd	1.00 mgd	0.80 mgd	1.45 mgd
V @ d=1.0	2.4 fps	2.8 fps	3.5 fps	4.1 fps
Q capacity @ d=0.5	0.275 mgd	0.50 mgd	0.40 mgd	0.725 mgd
A	55 Ac.	100 Ac.	80 Ac.	145 Ac.

XXXXXXXXXXXX
XXXXXXXXXXXX
300 Liberty Avenue
Pittsburgh 22, Pennsylvania
August 16, 1961

Sewerage Application No. 461887
Riviera Estates Plans 1, 2 and 3
Brentwood Borough
Allegheny County

Borough of Brentwood
3624 Brownsville Road
Pittsburgh 27, Pennsylvania

Attention: Mr. A. S. Snyder, President of Council

Gentlemen:

In reviewing the above application pertaining to existing sanitary sewers in the Riviera Estates Plans 1, 2 and 3, it is noted that these sewers in some cases do not meet the standards of good design established by this Department. We therefore wish to call your attention to the possibility of unusually high costs of maintaining these sewers in good operating condition.

As you are probably aware, the law requires that a permit be obtained before construction of sewers is begun. This regulation is intended to protect the health of your community and to insure good design and construction, thus keeping your maintenance expenses at a minimum. By neglecting to obtain a permit before construction, you are not only violating the law of this Commonwealth but also failing to protect your own interests.

The design engineer states that no "as built" information is available for these sewers. We feel that the municipality which has to maintain the sewers should know exactly where they are located and should require "as built" plans before accepting any sewers from private developers.

Very truly yours,

D. C. Neil
Regional Sanitary Engineer

By:
Edmund Taylor
Sanitary Engineer I

ET:cmo

REGIONAL ENGINEER'S REPORT--SEWER EXTENSIONS

DATE OF REPORT 8/15/61

NAME OF APPLICANT Borough of Brentwood		APPLICATION NO. 461987 .5	DATE 7/10/61	DATE REC'D 7/31/61	REGION IV
MUNICIPALITY Brentwood Borough		SIGNED BY G. J. Snyder		TITLE President of Council	
COUNTY Allegheny		ADDRESS 3624 Brownsville Road			
DESIGN POPULATION OF THIS EXTENSION 172	POPULATION TO BE SERVED BY THIS EXTENSION 172	Pittsburgh 27, Pennsylvania			

DESCRIPTION OF PROJECT

THE CONSTRUCTION OF _____
sewer extensions

TO SERVE (SPECIFY, IF POSSIBLE, STREET OR SUB-DIVISION) Riviera Estates Plans 1, 2 and 3 in
Brentwood sewer district 4K

PLANS	DATE REC'D 7/31/61	DESCRIPTION & NUMBER OF PLANS A folio of three (3) plans
ENGINEERING FIRM Lorenzi, Dodds & Gunnill		(Revisions received 8/9/61)
Pittsburgh, Pennsylvania		
PROF. ENGINEER SEAL OF Charles Allen Wortley		

REPORTS	DATE REC'D 7/31/61	DESCRIPTION & NUMBER OF REPORTS
ENGINEERING FIRM Lorenzi, Dodds & Gunnill		One report
Pittsburgh, Pennsylvania		
PROF. ENGINEER SEAL OF Charles Allen Wortley		

SPECIFICATIONS	DATE REC'D	DESCRIPTION & NUMBER OF SPECIFICATIONS
ENGINEERING FIRM		
PROF. ENGINEER SEAL OF		

DISCHARGED TO SEWER SYSTEM OF	NAME Brentwood Borough Appl. A-58,5008	PERMIT NO.	TREATED AT TREATMENT PLANT OF	NAME Allegheny County Sanitary Authority	PERMIT NO.
	MUNICIPALITY Brentwood Borough			MUNICIPALITY City of Pittsburgh	
	COUNTY Allegheny			COUNTY Allegheny	
	TYPE SYSTEM SANITARY <input checked="" type="checkbox"/> COMBINED <input type="checkbox"/>			EXISTING <input checked="" type="checkbox"/> UNDER CONSTRUCTION <input type="checkbox"/> PROPOSED <input type="checkbox"/>	

RECEIVING STREAM Ohio River	CLASSIFICATION PRIM. <input type="checkbox"/> INTER. <input checked="" type="checkbox"/> COMPL. <input type="checkbox"/>	SECONDARY RECEIVING STREAM Ohio River	BASIN
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COMPLIANCE STATUS OF CASE IN COMPLIANCE <input checked="" type="checkbox"/>	IS CAPACITY ADEQUATE? IN TRUNK SEWERS YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
VIOLATION-SATISFACTORY PROGRESS <input type="checkbox"/>	TREATMENT PLANT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
VIOLATION-UNSATISFACTORY PROGRESS <input type="checkbox"/>	

ENCROACHMENTS NONE <input checked="" type="checkbox"/>	ENCROACHMENTS REPORTED TO THE DEPARTMENT OF FORESTS AND WATERS <input type="checkbox"/>
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DESCRIPTION-ENGINEERING FEATURES

A permit is requested for existing 8" V.C.P. sewers now serving the Riviera states plans No. 1, 2 and 3. At a minimum slope of 1.0%, the sewers will carry only a small fraction of their capacities.

DISCUSSION

The existing sewers covered in this application do not comply in all respects with the standards of this Department. In some cases, not enough information has been furnished to determine whether or not they meet the standards. The capacity appears to be adequate in all cases.

ORDERS FOR PLANS BY DATE	PLANS SUBMITTED DATE	ORDERS FOR CONSTRUCTION BY DATE	CONSTRUCTION STATUS
STANDARD CONDITIONS		SPECIAL CONDITIONS	
Sewerage (1942): 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18 and 27		NONE <input checked="" type="checkbox"/> SEE ATTACHED SHEET <input type="checkbox"/>	

RECOMMENDATION

APPROVE <input checked="" type="checkbox"/>	FACILITIES ENGINEER REGION <i>Patricia P. Rhodes</i>	DATE 8/15/61
REFUSE <input type="checkbox"/>	REGIONAL ENGINEER Dick C. Heil <i>DCH</i>	DATE 8/15/61
POSTPONE <input type="checkbox"/>	FACILITIES ENGINEER-SEWERAGE SECTION	DATE
OTHER (SPECIFY) <input type="checkbox"/>	CHIEF SEWERAGE SECTION <i>A.F. Labman</i>	DATE 3/21/61
REPORT PREPARED BY Edmund Taylor <i>Edmund Taylor</i>		

REMARKS

The Borough of Brentwood has been notified that these sewers do not meet the standards of this Department and has been warned of the possibility of unusually high maintenance costs

HSSE-4305

COMMONWEALTH of PENNSYLVANIA



DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
461587

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 Borough of Brentwood, 3624 Brownsville Road, Pittsburgh 27, Pennsylvania, for the construction of sewer extensions to serve Riviera Estates in Brentwood sewer district located in Brentwood Borough, Allegheny County, as shown on plans and described in a report accompanying application No. 461587.

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, 14, 15, 17, 18 and 27.

SANITARY WATER BOARD

SEP 21 1961
SANITARY WATER BOARD ACTION DATE

C. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Harrisburg, Pa.

Attest: Walter V. Kohler
Secretary

COMMONWEALTH OF PENNSYLVANIA

11447



DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

SEWERAGE PERMIT
46187

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 Borough of Brentwood, 36th Brownville Road, Pittsburgh 27, Pennsylvania, for the construction of sewer extensions to serve Riviera Estates in Brentwood sewer district located in Brentwood Borough, Allegheny County, as shown on plans and described in a report accompanying application No. 46187.

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, 14, 15, 17, 18 and 27.

SANITARY WATER BOARD

SEP 21 1961

SANITARY WATER
BOARD ACTION DATE

S. L. Wilbar, Jr., M. D.
Secretary of Health
Chairman

Harrisburg, Pa.

SEP 23 1961

Attest:

Walter V. Kohler
Secretary

COMMONWEALTH OF PENNSYLVANIA

11448



DEPARTMENT OF HEALTH

P. O. BOX 90

HARRISBURG

CERTIFIED MAIL

SEP 29 1961

Brentwood Borough
Allegheny County

RECEIVED

OCT 2 1961

REGIONAL OFFICE IV

The Borough of Brentwood
3054 Brownsville Road
Pittsburgh 67, Pennsylvania

SUBJECT: Sewerage Permit No. 653/67

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.

cc: Mr. Lehmann
Mr. Hill
Division Services(2)
File
County Health Dept.

Very truly yours,

Walter V. Kottler, Chief
Staff Services Section
Division of Sanitary Engineering

WV:ehg
Enclosures

Permit
Standard Cond.