

**Application of Pennsylvania-American Water Company for Acquisition of
the Wastewater Assets of Valley Township
66 Pa. C.S. § 1329
Application Filing Checklist – Water/Wastewater
Docket No. A-2020-3020178**

20. Proof of Compliance. Provide proof of compliance with applicable design, construction and operation standards of DEP or of the county health department, or both, including:
- b. For **wastewater** system acquisitions, provide copies of the water quality management and National Pollution Discharge Elimination System (NPDES) permits for the utility plant.

RESPONSE:

- b. Attached are copies of permits provided by Valley as **Appendix A-20-b**. Additional wastewater permits may be identified going forward. Copies of any additional wastewater permits located will be provided.

RECEIVED
REGION I
JAN 26 1970
ZEB

January 22, 1970

Certified Mail

Appendix A-20-b

Doris A. Darlington, Chairman
Valley Township Municipal Authority
1255 Valley Road
Coatesville, Pennsylvania 19320

In re: Sewerage Application No. 1569495
Valley Township
Chester County

Dear Ms. Darlington:

On December 12, 1969, Sewerage Permit No. 1569495 was issued subject to review by the Sanitary Water Board at its January 21, 1970 meeting.

The Board, upon reviewing the action taken by the Department of Health, directed that a further study be made of the application and, that the case be presented to the Board for review on February 18, 1970. Therefore, final approval of this permit is still pending.

If you have any questions relative to this matter, please feel free to contact us.

Very truly yours,

By direction of the Board

Marshall Cashman
Acting Secretary
Sanitary Water Board

MC:GEB:ajp
cc: Mail Clerk
File
Div. of Water Supply & Sewerage
Reg. San. Engr., Region I, Philadelphia

SAVE PREPARED

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

For Department of Health use only
APPLICATION NO. **RECEIVED**
REVIEWER'S INITIALS **REGION I**
OCT 3 1969

APPLICATION FOR SANITARY WATER BOARD PERMIT

APPLICANT NAME Valley Township Municipal Authority	PROJECT LOCATION (A) MUNICIPALITY PHILADELPHIA DISTRICT Valley Township
TELEPHONE NO.	(B) COUNTY Chester County
MAILING ADDRESS 1255 Valley Road Coatesville, Pennsylvania	

HEREBY APPLIES FOR: (CHECK APPROPRIATE BLOCKS IN COLUMNS A, B AND C)

A. APPROVAL OF PLANS FOR CONSTRUCTION OF: <input checked="" type="checkbox"/> PUMP STATIONS, SEWERS AND APPURTENANCES <input type="checkbox"/> SEWAGE TREATMENT PLANT <input type="checkbox"/> MINE DRAINAGE TREATMENT PLANT <input type="checkbox"/> INDUSTRIAL WASTE TREATMENT PLANT	B. APPROVAL TO DISCHARGE: (1) <input type="checkbox"/> TREATED <input checked="" type="checkbox"/> UNTREATED (2) <input type="checkbox"/> INDUSTRIAL WASTES <input type="checkbox"/> MINE DRAINAGE <input type="checkbox"/> SEWAGE	C. APPROVAL TO OPERATE: <input type="checkbox"/> COAL MINE <input type="checkbox"/> NA
--	---	--

(ALL DISCHARGES OF WASTES ARE PURSUANT TO "THE CLEAN STREAMS LAW")
I HEREBY CERTIFY THAT THE COMPLETENESS REPORT AND ALL PLANS, MODULES, AND DOCUMENTS DESIGNATED THEREIN ARE ATTACHED TO THIS APPLICATION, AND MADE A PART HEREOF.

Doris A. Darlington
SIGNATURE OF APPLICANT OR RESPONSIBLE OFFICIAL

NAME OF APPLICANT OR RESPONSIBLE OFFICIAL: Doris A. Darlington	TITLE Chairman	DATE OF APPLICATION 10/1/69
--	--------------------------	---------------------------------------

ADDRESS

AFFIDAVIT
COMMONWEALTH OF PENNSYLVANIA, COUNTY OF Chester

I, Doris A. Darlington BEING DULY SWORN, ACCORDING TO LAW, DEPOSE AND SAY THAT I (AM THE APPLICANT) (AM AN OFFICER OR OFFICIAL OF THE APPLICANT) (HAVE THE AUTHORITY TO MAKE THIS APPLICATION) AND THAT THE PLANS, REPORTS AND DOCUMENTS SUBMITTED AS PART OF THE APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SWORN AND SUBSCRIBED TO BEFORE ME THIS
1ST DAY OF October 1969

Robert H. Dandel
NOTARY PUBLIC - Chester County, Pa. - COMMISSION EXPIRES FEBRUARY 28, 1970
Doris A. Darlington
SIGNATURE OF APPLICANT OR RESPONSIBLE OFFICIAL

THE SECTION BELOW IS TO BE COMPLETED BY THE DESIGN ENGINEER (OR SURVEYOR) AUTHORIZED BY THE APPLICANT TO PREPARE THIS APPLICATION

NAME OF DESIGN ENGINEER (OR SURVEYOR) AND FIRM ROY F. WESTON (Walter E. Hoover, Jr.)		DESIGN ENGINEER'S (OR SURVEYOR'S) SEAL
MAILING ADDRESS Lewis Lane, West Chester, Pa.	TELEPHONE NUMBER 692-3030	
AGREEMENT DATE	SIGNATURE OF DESIGN ENGINEER (OR SURVEYOR) <i>Walter E. Hoover, Jr.</i>	

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

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 APPLICATION NO. _____
 REVIEWER'S NAME _____ DATE _____

DATE PREPARED _____

MODULE 1 - COMPLETENESS REPORT

CHECK IN TYPE OF PERMIT APPLIED FOR
 FW D MD

DESIGN ENGINEER AND FIRM ROY F. WESTON
 ADDRESS Lewis Lane, West Chester, Pa. ZIP 19380 TELEPHONE 636-3000
 APPLICANT Valley Township Municipal Authority
 LOCATION OF PROJECT: MUNICIPALITY Valley Township, Pa. COUNTY Chester

A. DOCUMENTATION REQUIRED

1. Has a check for \$25.00 payable to The Pennsylvania Department of Health been included? (Not required of State or Federal agencies) YES NO NA
2. Have 2 copies of the application, form number HSE-6046, been submitted? (4 copies required for mine drainage applicants) YES NO
- a. Has the affidavit been properly completed and executed? YES NO
- NOTE: Only Industrial Waste Applicants complete item 2b
- b. Has proof of publication been ascertained? YES NO NA

3. Does the application include the following applicable modules: *Check Modules Submitted

e. Module Number	Title	Number of Pages	1	NO	NA
1	Completeness Report		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	General Information Industrial Wastes Only		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	General Information Mine Drainage Only		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	General Information Sewage Treatment Plant Operation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Waste Load and Characteristics	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Waste Stabilization Pond Facilities	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Aeration Tank or Basin Facilities	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Mixing and Flocculation Facilities	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Chemical Treatment (Including Feeders)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Trickling Filters	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DEPARTMENT OF HEALTH
 DIVISION OF SANITARY ENGINEERING
 APPLICATION NO. 12-3-69
 FEB 11 1969
 NO. OF VOLUMES 1 OF 1

* Design Engineer will check type of permit applied for and all appropriate modules.

A. DOCUMENTATION REQUIRED - Continued

Sub-Number	Title	Number of Pages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Minimum Sand Filter Facilities	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sludge Treatment and Disposal Facilities					
12.0	Various Filters and Conveyors	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.1	Intake/return	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.2	Sludge Lagoons	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.3	Wet Oxidation	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4	Ethanol	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.5	Sludge Drying Beds	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.6	Sewage Digestion Tanks and Sludge Thickening Tanks	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.7	Deep Water Disposal	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.8	Land Disposal of Sludge	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Pumping Facilities	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Carbon Sorting Basins	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Flotation and Oil Separation	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Screening and Comminuting Devices	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Grit Chambers	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Physical Adsorption and Contact Units	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Spray Irrigation	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Distribution Facilities	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Sanitary Tank Facilities	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Pipe Equalization and Storage Basins	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Deep Well Disposal	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Low Exchange Units	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Design Engineer will check type of permit applied for and all appropriate modules.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING
MODULE I - COMPLETENESS REPORT

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CHECK ID TYPE OF PERMIT APPLIED FOR
 IF S MD

A. DOCUMENTATION REQUIRED - Continued

Module Number	Title	Number of Pages	*Check Modules Submitted:		
			S	MD	IF
25	Sewage Pumping Stations	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Sewers and Appurtenances	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Imhoff and Septic Tanks	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. REQUIRED DATA

1. The front cover or flyleaf of each set of drawings and specifications must bear the signature and seal of the registered professional engineer, surveyor by or under whom prepared. Each drawing must bear an imprint or reasonable facsimile of such seal.
2. Information relative to specific programs:
 - a. SEWERAGE APPLICANTS must submit the following information and answer all questions:
 - (1) 2 copies of designer's plans, modules and specifications (3 copies required for projects in Allegheny County and Delaware River Basin.)
 - (2) Hydraulic profile through proposed treatment plant.
 - (3) United States Geological Survey Topographical Map showing exact point of discharge.
 - (4) Have you applied for a Public Utility Commission Certificate of Public Convenience?

(a) Specify Public Utility Commission Application Number _____.

(b) Certificate of Public Convenience enclosed?
 - (5) Have you applied for Water and Power Resources Board approval for stream encroachment(s)?
 - (6) Have you applied for Department of Labor and Industry approval for features affecting employee safety?
 - (7) Do you have an agreement indicating approval to discharge to sewer system and treatment plant of another permittee?
 - (8) Have you applied for Air Pollution Control Commission approval for features requiring air pollution control?
 - (9) A list with the name, title and address of all partners in the case of a partnership or all officers in case of a corporation, unincorporated association, incorporated association, partnership or other entity.

NA

NA

YES NO NA

YES NO

YES NO NA

YES NO NA

YES NO NA

YES NO NA

NA

Mrs. Doris Darlington, Chairman
1255 Valley Road
Coatesville, Pennsylvania
384-4071

Mrs. Betty Benner, Secretary
42 Spruce Street
Coatesville, Pennsylvania
384-4071

Mr. Lester J. Helm, Vice Chairman
R.D. 1
Coatesville, Pennsylvania
384-3279

Mr. Lee Carter
9215 West Main Street
Coatesville, Pennsylvania
384-8270

Mr. William Lees, Treasurer
160 Country Club Road
Home: 384-4809
Business: 383-2200



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MODULE I - COMPLETENESS REPORT

CHECK THE TYPE OF PERMIT APPLIED FOR
 IW S MD

B. REQUIRED DATA - Continued

b. INDUSTRIAL WASTES APPLICANTS must submit the following information and answer all questions:

- (1) 2 copies of designer's plans, modules and specifications (3 copies required for projects in Delaware River Basin).
- (2) Schematic flow diagram of waste treatment plant.
- (3) United States Geological Survey Topographical Map showing exact point of discharge.
- (4) Have you applied for Water and Power Resources Board approval for stream encroachments? YES NO NA
- (5) A list with the name, title and address of all partners in the case of a partnership or all officers in case of a corporation, unincorporated association, incorporated association, partnership or other entity. NA
- (6) Have you applied for Air Pollution Control Commission approval for features requiring air pollution control? YES NO NA

c. MINE DRAINAGE APPLICANTS must submit the following information and answer all questions:

- (1) 3 copies of designer's plans, modules and specifications.
- (2) All names under which the applicant previously operated coal mines in Pennsylvania.
- (3) A list with the name, title and address of all partners in the case of a partnership or all officers in case of a corporation, unincorporated association, incorporated association, partnership or other entity.
- (4) A list of the owners for both the affected and adjacent surface properties and mineral rights.
- (5) Copy of all leases you have obtained from affected property owners granting to you the right to take whatever measures are necessary during and after mining to abate pollution.
- (6) United States Geological Survey Topographical Maps.
- (7) Mine development maps.
- (8) Plans of treatment facilities. NA
- (9) Have you applied for Water and Power Resources Board approval for stream encroachment(s)? YES NO NA

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REVIEWER'S INIT.	DATE

CHECK (X) TYPE OF PERMIT APPLIED FOR
 1W S MD

MODULE I - COMPLETENESS REPORT

B. REQUIRED DATA - Continued

- (10) Have you applied for Department of Mines and Mineral Industries approval for the mine? YES NO
- (11) Have you applied for Air Pollution Control Commission approval for features requiring air pollution control? YES NO NA

5. Specify the following:

Valley Twp. Municipal Authority

a. Plans: Sanitary Sewers System Number of Folios 3 Date 18 September 1969
Divisions A, B, C
Volume II

Plans: _____ Number of Folios _____ Date _____
TITLE

Plans: _____ Number of Folios _____ Date _____
TITLE

Plans: _____ Number of Folios _____ Date _____
TITLE

b. Specifications (if applicable): Valley Twp. Municipal Authority, Sanitary Sewer System, Divisions A, B, C - Volume I
Number of Volumes 3 Date 18 September 1969

c. Other (Specify type and number):

6. Are the plans:

- a. Clear, legible and drawn to scale? YES NO
- b. Within maximum size of 36 inches by 50 inches? YES NO

C. SEAL AND SIGNATURE OF PROFESSIONAL ENGINEER OR SURVEYOR RESPONSIBLE FOR THIS APPLICATION

1. Signature of Professional Engineer or Surveyor: Walter E. Hoover, Jr.
Walter E. Hoover, Jr.
ROY F. WESTON

2. Professional Engineer or Surveyor Registration Seal:

SEAL

DATE PREPARED
 10/15/80

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 SANITARY ENGINEERING

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 REVIEWER'S INIT. _____ DATE _____

CHECK IN TYPE FOR PERMIT APPLIED FOR
 1
 2

MODULE 25 -- SEWAGE PUMPING STATIONS

STREET LOCATION Old Wagontown Road. PLAN SHEET NUMBER 532

CLASS OF CONSTRUCTION NEW ADDITIONS AND/OR
 (Check off applicable blocks): REPLACEMENT OF EXISTING UNIT(S) MODIFICATIONS TO EXISTING UNIT(S)

NOTE: SUBMIT SEPARATE MODULE FOR EACH PUMPING STATION

TABLE I DESIGN LOADING INFORMATION

1. POPULATION TO BE SERVED:	INITIAL	DESIGN	DESIGN YEAR
	550	610	1980
2. DESIGN FLOW DATA	RATE (GPCD)		RATE (MGD)
a. MAXIMUM FLOW RATE (Based only on design population to be served)	250		0.153
b. MAXIMUM INDUSTRIAL WASTE FLOW RATE			0
c. MAXIMUM INFILTRATION RATE			0
d. MAXIMUM DESIGN FLOW RATE			0.153

TABLE II FACILITIES DESIGN INFORMATION

1. PROBABILITY OF FLOODING AND POWER FAILURE IS ONCE IN <u>100</u> YRS.				
ELEVATION INFORMATION	a. MAXIMUM WATER ELEVATION IN COLLECTION SYSTEM AT A POWER FAILURE		324.3	
	b. OVERFLOW LEVEL IN WET WELL		324.3	
	c. LOWEST BASEMENT FLOOR IN SYSTEM CONNECTED TO PUMP STATION		326	
CAPACITY AND OPERATION	3. a. EFFECTIVE WET WELL CAPACITY (Gal.)		780	
	b. DETENTION TIME (Min.)		5	
	FORCE MAIN	c. (1) TYPE OF MATERIAL		Cast Iron
		(2) LENGTH (Ft.)		3335
		(3) DIAMETER (In.)		6
(4) DESIGN AVERAGE VELOCITY (FPS)		2.04		
4. COMPUTED TOTAL DYNAMIC HEAD (PUMP STATION + FORCE MAIN)			<u>63</u> Ft.	

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 DEPARTMENT OF HEALTH
 SANITARY ENGINEERING

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 APPLICATION NO. _____
 REVIEWER'S DIV. _____ DATE _____

CHECK (IN TYPE OF PERMIT APPLIES FOR)
 1
 2

MODULE 25 - SEWAGE PUMPING STATIONS

UNIT NO.	CHECK TWO ITEMS (If pump, specify type)	CHECK ONE ITEM	RATED CAPACITY (GPM)	RATED HEAD (Ft.)	PIPE SIZE (In.)	
					SUCTION	DISCHARGE
1	<input type="checkbox"/> EJECTOR <input checked="" type="checkbox"/> PUMP Centrifugal <input type="checkbox"/> EXISTING <input checked="" type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input checked="" type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____	180	67	6	6
1	<input type="checkbox"/> EJECTOR <input checked="" type="checkbox"/> PUMP Centrifugal <input type="checkbox"/> EXISTING <input checked="" type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input checked="" type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____	180	67	6	5
	<input type="checkbox"/> EJECTOR <input type="checkbox"/> PUMP _____ <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____				
	<input type="checkbox"/> EJECTOR <input type="checkbox"/> PUMP _____ <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____				
	<input type="checkbox"/> EJECTOR <input type="checkbox"/> PUMP _____ <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____				
	<input type="checkbox"/> EJECTOR <input type="checkbox"/> PUMP _____ <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input type="checkbox"/> STANDBY	<input type="checkbox"/> BUBBLER <input type="checkbox"/> SEALED ELECTRODE <input type="checkbox"/> FLOAT <input type="checkbox"/> OTHER (Specify) _____				

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OPERATION NO.
REVISIONS BY
DATE

CHECK (IN TYPE OF PERMIT APPLIED FOR)

MODULE 25 - SEWAGE PUMPING STATIONS

GENERAL INFORMATION

1. The wet well ventilation is continuous at 37 air changes per hour.
 intermittent
2. The dry well ventilation is continuous at 47 air changes per hour.
 intermittent
3. If no grit removal facilities precede pump stations, is wet well and pump piping designed to prevent grit settling in discharge lines of pumps that are not operating? YES NO NA
4. Are wet and dry wells, including their superstructures, completely separated? YES NO
5. Specify the type of access to dry and wet wells: Dry well and wet well access is by manhole frame and aluminum ladders.
6. Are pumps, except ejectors, handling raw sewage protected by bar screens (2 inches maximum clear opening) or comminutors? YES NO NA
7. Maximum size of sphere passed by pumping facilities: 3 inches
8. Does electrical equipment in enclosed places where gas may accumulate comply with National Board of Fire Underwriter's specifications for hazardous conditions? YES NO
9. Does each pump have a separate intake? YES NO
10. Is a separate dry well sump pump provided with discharge to wet well above overflow elevation? YES NO
11. Under normal conditions, will pumping facilities operate under a positive suction head? YES NO
12. Are shutoff valves provided for each pump suction and discharge line with a check valve between the shutoff valve and pump on the discharge line? YES NO
13. Are wet well hopper side slopes at a minimum of 1 to 1 and the hopper bottom horizontal area no larger than necessary? YES NO
14. Do wet wells containing equipment requiring inspection and maintenance have a ventilation system independent of dry well system? YES NO
15. Is there any physical connection between the potable water supply and sewage pump station facilities? YES NO NA
16. Are automatic air relief valves provided at high points in force main? YES NO
17. If no overflow is provided, are two independent generating sources provided? YES NO NA
18. If no overflow is provided, is emergency power equipment provided? YES NO NA
19. Specify type of emergency equipment: _____

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SANITARY ENGINEERING

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CHECK IN TYPE OF PERMIT APPLIED FOR
 1

MODULE 25 - SEWAGE PUMPING STATIONS

A. GENERAL INFORMATION - Continued

19. If overflow is provided, what provisions have been made to minimize objectionable conditions during emergency use of overflow?

A telemetered warning signal will be transmitted to the sewage treatment plant where an operator will be dispatched to the pumping station to eliminate the problem.

20. Do the existing sewers to which the proposed pump station and force main will connect have adequate capacity to convey the additional flow?

YES NO

NOTE: ON THE PLANS, INDICATE THE PERMIT NUMBER OF THE EXISTING SEWER AT THE PROPOSED POINT OF CONNECTION AND THE NAME OF THE PERMITTEE.

1982-0664.00

DATE PREPARED
 CHECK (S) TYPE OF PERMIT APPLIED FOR
 1
 2

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 SANITARY ENGINEERING

MODULE 26 - SEWERS AND APPURTENANCES

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CLASS OF CONSTRUCTION (Check off applicable blocks):
 NEW SYSTEM EXTENSIONS TO EXISTING SYSTEM
 REPLACEMENT OF EXISTING SYSTEM

TABLE I DESIGN FLOW AND LOADING INFORMATION

1. POPULATION TO BE SERVED:		INITIAL 2568	DESIGN 22473	DESIGN YEAR 2020
2. AREA TO BE SERVED:		ACRES (Initial) 603	ACRES (Future) 4122	
3. a. LATERALS AND SUB-MAIN SEWERS (GPCD)		400		
b. MAIN AND TRUNK SEWERS (GPCD)		250		
c. INTERCEPTORS (GPCD)		250		
d. (1) MEASURED DRY-WEATHER FLOW (%)		---		
e. (2) ESTIMATED DRY-WEATHER FLOW (%)		---		
4. IF ANY VALUES LESS THAN PRESCRIBED IN MANUAL, EXPLAIN:				
4. DESIGN FLOW DATA				
		GPCD	MGD	
a. AVERAGE DAILY FLOW		100	2.25	
b. INFILTRATION			--	
c. MAXIMUM INDUSTRIAL WASTE FLOW			--	
d. TOTAL DESIGN FLOW			2.25	
e. MAXIMUM FLOW RATE			250% of Avg daily = 5.63	

TABLE II GENERAL DESIGN

PIPE DIAMETER (In.)	MINIMUM SLOPE (%)	MAXIMUM SLOPE (%)	MAXIMUM VELOCITY (FPS)	MAXIMUM DISTANCE BETWEEN MANHOLES (Ft.)		TYPE OF SEWER MATERIAL	"N" VALUE
				SEWERS 15 In. OR LESS	SEWERS 18 In. TO 30 In.		
8	0.4	15	15	400		A.C. or V.C.	0.013
10	0.50	12	15	400		A.C. or V.C.	0.013
12	0.55	1.8	6.1	400		A.C. or V.C.	0.013
14	0.40	2.0	7.2	400		A.C. or V.C.	0.013
15	0.35	0.35	3.1	400		A.C. or V.C.	0.013
(USE ADDITIONAL SHEETS IF NECESSARY)							

TABLE III CRITICAL DATA - (Complete only when recommended design standards are not met)

PLAN SHEET NO.	MANHOLE NO.		SEWER PIPE SIZE (In.)	SEWER SLOPE (%)	POPULATION SERVED	TOTAL DESIGN FLOW (MGD)	SEWER FLOWING FULL		MAXIMUM FLOW VELOCITY (FPS)
	From	To					VEL. (FPS)	CAP. (MGD)	

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CHECK (X) TYPE OF PERMIT APPLIED FOR
 A

MODULE 26 - SEWERS AND APPURTENANCES

A. GENERAL INFORMATION

1. Are the proposed sewers designed as separate sanitary sewers? YES NO
 a. If no, explain in detail, including the possible effects upon water courses:

2. Are the proposed sewers deep enough to serve all adjacent basements? YES NO
 a. If no, explain: designed for economic feasibility using design standard of eleven (11) feet. Houses that are critical are indicated on plans and profiles.
3. Are there any overflows or bypasses other than from pump stations? YES NO
 a. If yes, specify plan sheet(s) where shown _____
4. Where smaller sewers join larger ones, have the inverts of the larger sewers been lowered sufficiently to maintain the same energy gradient? YES NO NA
5. Specify the type of leakage test (infiltration and/or exfiltration) and the limits used, preferably in terms of gallons per inch of pipe diameter per mile per day. (Indicate volume and page number in specifications)
 Type and limits: Exfiltration and Infiltration 100 gallons per inch of internal diameter per mile; Volume I, Section 15.4, Page 8.
6. Have provisions been made to protect sewers at velocities of over 15 feet per second? YES NO NA
 a. Are sewers secured with concrete anchors (or equal) spaced as required? YES NO NA
7. Are manholes provided at all changes in size, grade, alignment and sewer intersections? YES NO
8. Are drop manholes provided where the entrance sewer invert is 24 inches or more above manhole invert? YES NO
9. Are watertight covers used where manholes are subject to flooding by street runoff or high water? YES NO
10. Are sewers in streams protected with at least 1 foot cover in rock and 3 feet cover in other material? YES NO NA
11. Are sewers in streams constructed to remain watertight and in alignment? YES NO NA

DATE PREPARED
 CHECK THE TYPE OF PERMIT APPLIED FOR
 S

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF HEALTH
 SANITARY ENGINEERING

MODULE 26 - SEWERS AND APPURTENANCES

For Department of Health use only
 APPLICATION NO.
 REVIEWER'S INIT. DATE

A. GENERAL INFORMATION - Continued

12. Does the application involve copped sewers? YES NO

a. If yes, specify plan sheet number. _____

13. How many inverted siphons are included in this design? None

14. If siphons are included, specify the following:

SIPHON _____	SIPHON _____	SIPHON _____

- a. Number of barrels
- b. Minimum pipe size
- c. Minimum velocity at average flow

d. Has provision been made for flushing, rodding and maintenance? YES NO

15. Is there any connection between the sewer and a public or private potable water supply or appurtenances? YES NO

16. Are any water supply sources located within 200 feet of the sewers? YES NO

a. If yes, specify plan sheet(s) on which sources are shown _____

17. Are sewers at least 10 feet horizontally from water lines and at least 18 inches below the water line? YES NO

18. If the proposed facility will discharge to the sewer system and treatment plant of another municipality, have appropriate agreements been reached? YES NO NA

a. Is the agreement a certified agreement? YES NO NA

b. Is the agreement a letter of intent? YES NO NA

c. Have duplicate copies been enclosed? YES NO

19. Do the existing sewers to which the proposed sewers will connect have adequate capacity to convey the additional flow? YES NO NA

20. On the plans, indicate the permit number of existing sewer at each proposed point of connection and the name of the permittee, specify plan sheet number(s) on which indicated: 501, 510, 534 NA

DATE PREPARED

DEPARTMENT OF HEALTH
SANITARY ENGINEERING

APPLICATION NO.

CHECK (X) TYPE OF PERMIT APPLIED FOR
 1 2

MODULE 26 - SEWERS AND APPURTENANCES

REVIEWER'S UNIT

DATE

GENERAL INFORMATION - CONTINUED

21. RECEIVING SEWAGE TREATMENT PLANT (FILL IN FOR EXTENSION(S) TO EXISTING SYSTEM ONLY)

A. OWNER OF PLANT: City of Coatesville

B. DISCHARGE DATA:

	WASTE FLOW (MGD)	SOLIDS		BOD 5 DAY 20°C (#/DAY)
		SUSPENDED (#/DAY)	SETTLABLE (#/DAY)	
1. ALLOWABLE LOAD TO STREAM AUTHORIZED UNDER PRESENT PERMIT.	Using 3.85	30,000 P.E. and 765	85% treatment 765	765
2. PRESENT LOAD TO STREAM FROM TREATMENT PLANT.	1.9	269	0	238
3. ADDITIONAL LOAD TO STREAM EXPECTED DURING THE NEXT FIVE YEARS FROM EXISTING SYSTEM.	.06	Cain Twp. is considering elimination of pumping sewage to Coatesville.		
4. ADDITIONAL LOAD TO STREAM DURING THE NEXT FIVE YEARS FROM PROPOSED EXTENSION.	.38	54	0	48
5. TOTAL ANTICIPATED LOAD TO STREAM IN NEXT FIVE YEARS (2+3+4)	2.22	423	0	286

C. TREATMENT PLANT OPERATING EFFICIENCY:

	SOLIDS		BOD 5 DAY 20°C (%)
	SUSPENDED (%)	SETTLABLE (%)	
1. PRESENT TREATMENT PLANT	95	99	95
2. AFTER INITIAL LOAD FROM PROPOSED EXTENSION	95	99	95
3. IN FIVE YEARS	95	99	95

22. WILL THE LOAD UNDER 21, B.5 ABOVE PRODUCE AN EFFLUENT THAT WILL HAVE AN ADVERSE EFFECT UPON THE RECEIVING STREAM?

NO YES X NO

A. IF YES, EXPLAIN:

B. IF APPLICANT IS NOT OWNER OF THE RECEIVING SEWAGE TREATMENT PLANT INDICATE SOURCE OF INFORMATION:

Penna. Dept. of Health and Laboratory reports received from the plant manager.

REG. NO. _____	
APPLICATION NO. _____	
APPLICANT'S NAME _____	DATE _____

DATE PREPARED
 CHECK TYPE OF PERMIT APPLIED FOR
 S

MODULE 26 - SEWERS AND APPURTENANCES

TO BE COMPLETED BY THE REGIONAL SANITARY ENGINEER:

- | | | |
|---|---|--|
| 1. WILL THE LOAD UNDER 21, B.3 MEET THE PERMIT REQUIREMENTS? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| 2. WILL THE LOAD UNDER 21, B.3 CAUSE POLLUTION OF THE RECEIVING STREAM? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| 3. IS THERE ANY QUESTION AS TO WHETHER THE LOAD IS NOW OR WILL CAUSE POLLUTION? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| 4. IF YES, COMPLETE A POLLUTION REPORT. | | |
| 5. IS THE TREATMENT PLANT IN COMPLIANCE? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |

APPLICATION NO. 1569495	DATE 12-11-69
REVIEWER'S INIT. MP	

INTERNAL REVIEW AND RECOMMENDATIONS

REGIONAL ENGINEER'S REVIEW

DISCUSSION: (USE ADDITIONAL SHEETS IF NECESSARY)

Application No. <u>Name & Location</u>	Type	Discharge To; Degree of Treatment Provided	Remarks
No. 1569495 Valley Twp. Mun. Auth. Valley Township Chester County	Sewer Sewer Extension	Existing City of Coatesville sewer system; City of Coatesville Treatment Plant; discharge to West Branch Brandywine Creek Tributary of Delaware River (Delaware Basin). Complete Treatment	To serve 2,568 persons initially; 22,473 persons ultimately

RECOMMENDATION AND ACTION

APPROVAL - RELEVANT LAWS, REGULATIONS, STANDARDS AND POLICIES HAVE BEEN COMPLIED WITH:					
ISSUE BY REGION	ISSUE BY CENTRAL OFFICE	ISSUE BY SANITARY WATER BOARD	REFUSE	SIGNATURE	DATE
<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<i>Joseph A. Farlati</i> REVIEWING ENGINEER	12-11-69
<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<i>Don Johnson</i> FACILITIES ENGINEER	12-11-69
<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<i>MP</i> REGIONAL ENGINEER	12-11-69
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SECTION CHIEF	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DIVISION DIRECTOR	

PERMIT CONDITIONS:

- Standard - 1,2,3,4,5,6,7,9,10,11,13,14,15,17,18,25 and 27
- Special - (USE ADDITIONAL SHEETS IF NECESSARY) None V (Pumping Station overflow)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
SANITARY ENGINEERING

SANITARY WATER BOARD PERMIT

NO. 156995

A. PERMITTEE: (Name and Address) Valley Township Municipal Authority 1255 Valley Road Catsville, Pennsylvania	B. PROJECT LOCATION Municipality <u>Valley Township</u> County <u>Chester</u>
--	--

C. TYPE OF FACILITY Sewer Extension	D. NAME OF MINE OR AREA SERVED Westwood-Hyatt-Rockton
--	--

E. THIS PERMIT APPROVES:		
1. Plans For Construction Of: a. <input checked="" type="checkbox"/> Pump Stations; Sewers and Appurtenances b. <input type="checkbox"/> Sewage Treatment Facilities c. <input type="checkbox"/> Industrial Wastes Treatment Facilities	2. The Discharge Of: <u>N.A.</u> a. <input type="checkbox"/> Treated <input type="checkbox"/> Untreated b. <input type="checkbox"/> Industrial Wastes <input type="checkbox"/> Sewage TO: _____ (Receiving Waters)	3. The Operation Of: <u>N.A.</u> a. <input type="checkbox"/> A Coal Mine Maximum surface area to be affected shall not exceed _____ acres. (Surface Mines) Maximum area to be deep mined _____ acres.

F. YOU ARE HEREBY AUTHORIZED TO CONSTRUCT, OPERATE OR DISCHARGE, AS INDICATED ABOVE, PROVIDED THAT YOU COMPLY WITH THE FOLLOWING:

- ALL REPRESENTATIONS REGARDING OPERATION, CONSTRUCTION, MAINTENANCE AND CLOSING PROCEDURES AS WELL AS ALL OTHER MATTERS SET FORTH IN YOUR APPLICATION AND ITS SUPPORTING DOCUMENTS (APPLICATION NO. 156995 DATED 10-1-69, AND AMENDMENTS DATED 11-10-69) SUCH APPLICATION, ITS SUPPORTING DOCUMENTS AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT.
- CONDITIONS NUMBERED 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, 18, 25 & 27 OF THE Sewerage STANDARD CONDITIONS DATED 11-1-62, WHICH CONDITIONS ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.
- SPECIAL CONDITIONS NUMBERED 1 WHICH ARE ATTACHED HERETO AND ARE MADE A PART OF THIS PERMIT.

G. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

- IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.
- FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE SANITARY WATER BOARD OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.
- THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, THE ACT OF JUNE 22, 1937, P.L. 1987, AS AMENDED. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

PERMIT ISSUED DATE <u>11-11-69</u>	DEPARTMENT OF HEALTH BY <u>[Signature]</u> Regional Sanitary Engineer TITLE <u>Area Services-Series I</u>
---------------------------------------	--



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

March 13, 2003

Southeast Regional Office

Phone: 610-832-6130

Fax: 610-832-6133

Mr. Edward Hammond
Chairman, Board of Supervisors
Valley Township
890 West Lincoln Highway
Coatesville, PA 19320

Re: Hill Farm - Villages at Hillview
Water Quality Management
Part II Permit No. 1503404
APS No. 475159, AUTH No. 492779
Valley Township
Chester County

Dear Mr. Hammond:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that applications, which will be submitted for subsequent phases of this project, should be applied for as amendments to this permit. Due to capacity limitations of the Pennsylvania American Coatesville Waste Water Treatment Plant, which ultimately will receive the sewerage from this project, Phase two of this project cannot be permitted until appropriate 537 Planning has been approved and modifications have been made to obtain sufficient capacity.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.



Mr. Edward Hammond

- 2 -

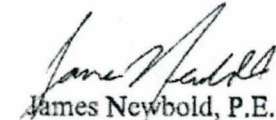
March 13, 2003

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call Mr. Paul R. Grella at 610-832-6195.

Sincerely,


James Newbold, P.E.
Regional Manager
Water Management

Enclosures

cc: Operations Section
Water Management
Permits Chief
File
Re 30 (RN03WQM)64-16

3600-PM-WQ0015 Rev. 8/94

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER MANAGEMENT PROGRAM

PERMIT NO. 1503404
AMENDMENT NO. _____

WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name & Address): Valley Township - Client ID No. 81247 890 West Lincoln Highway Coatesville, PA 19320			
B. PROJECT (Name, County, Municipality) Hill Farm - Villages at Hillview - Site ID No. 604062 Valley Township Chester County			
C. THIS:	<input checked="" type="checkbox"/> Permit _____ Permit Amendment _____ Permit Transfer		
APPROVES:	<table style="width:100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____ MGD consisting of: _____ <input checked="" type="checkbox"/> Sewers and Appurtenances _____ Impoundment(s) _____ Soil Erosion & Sedimentation Control Plan _____ Stream Crossing(s) </td> <td style="width: 50%; vertical-align: top;"> _____ Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ Pump Station(s) _____ Injection Well(s) _____ Forcemain with or without Individual Pumps _____ Outfall & Headwall(s) </td> </tr> </table>	<input checked="" type="checkbox"/> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____ MGD consisting of: _____ <input checked="" type="checkbox"/> Sewers and Appurtenances _____ Impoundment(s) _____ Soil Erosion & Sedimentation Control Plan _____ Stream Crossing(s)	_____ Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ Pump Station(s) _____ Injection Well(s) _____ Forcemain with or without Individual Pumps _____ Outfall & Headwall(s)
<input checked="" type="checkbox"/> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____ MGD consisting of: _____ <input checked="" type="checkbox"/> Sewers and Appurtenances _____ Impoundment(s) _____ Soil Erosion & Sedimentation Control Plan _____ Stream Crossing(s)	_____ Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ Pump Station(s) _____ Injection Well(s) _____ Forcemain with or without Individual Pumps _____ Outfall & Headwall(s)		
D. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:			
1. a. All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit/Permit Amendment Application dated <u>January 23, 2003</u> , its supporting documentation, and addendums dated _____ Such application, its supporting documentation and addendums are hereby made a part of this permit.			
b. Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are (except for any modifications to the original permit herein permitted) also made a part of this permit amendment.			
2. Conditions numbered <u>1-6, 11-13, 15, 17-19</u> of the <u>Sewerage</u> standard conditions dated <u>09/98</u> and conditions numbered <u>1-13</u> of the erosion control standard conditions dated <u>09/98</u> are attached and made part of this permit.			
3. Special conditions numbered <u>I</u> are attached and made part of this permit.			
E. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:			
1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply. 2. Failure to comply with the rules and regulations of the Department or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit. 3. This permit is issued pursuant to the Clean Stream law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. § 691.1 et seq., and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, as amended. 32 P.S. § 693.1 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law. 4. Industrial Facilities - If the herein permitted facilities or modifications are not completed with two (2) years of the issue date below, this permit will become null and void and reapplication shall be required.			
PERMIT ISSUED: DATE <u>March 13, 2003</u>	DEPARTMENT OF ENVIRONMENTAL PROTECTION BY: <u><i>James J. Feubold</i></u> TITLE: <u>Regional Manager, Water Management</u>		
AMENDMENT ISSUED: DATE _____	_____		

**Sewerage Permit No. 1503404
Valley Township
Valley Township, Chester County**

This permit is subject to the following Special Condition(s):

- I. Consistent with Department of Environmental Protection Policy, the Department did not conduct a detailed technical review of the application for this permit. The Department considers the registered professional engineer whose seal is affixed to the design documents, to be fully responsible for the adequacy of all aspects of the facility design.

Re 30 (GJC03WQM)64-1



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

January 28, 1998

610-832-6130
Fax 610-832-6133

Southeast Regional Office

Mr. Koon
Valley Township
P.O. Box 467
890 W. Lincoln Highway
Coatesville, PA 19320

Re: Sewerage Permit No. 1597414
Rock Run Pump Station Modification
Valley Township
Chester County

Dear Mr. Koon:

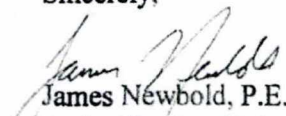
Referenced permit is enclosed.

Construction of this project can not begin until a General Permit (GP) for the outfall structure/utility line crossing has been obtained. If you have not yet obtained the GP for this encroachment, please contact Mr. Ken Anderson at 610-832-6115.

Please study the permit carefully and direct any questions to the Permits Section of this office.

Please take the time to complete the enclosed questionnaire and return it in the pre-addressed and stamped envelope. Your response will be taken into account as we consider ways of improving our service to the public and regulated community. Thank you for your cooperation.

Sincerely,


James Newbold, P.E.
Acting Regional Manager
Water Management

Enclosures: Permit
Standard Conditions Relating to Sewerage
Standard Conditions Relating to Erosion Control

cc: Mr. Johnson - Pennoni Associates, Inc.
Valley Township
Chester County Health Department
Permits and Compliance
Ms. W. Warren
Re 30 (SMC98)14b



WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name & Address): Valley Township P.O. Box 467, 890 W. Lincoln Highway Coatesville, PA 19320					
B. PROJECT (Name, County, Municipality) Rock Run Pump Station Modification Valley Township Chester County					
C. THIS: <u> X </u> Permit _____ Permit Amendment					
APPROVES:	<table style="width:100%; border:none;"> <tr> <td style="width: 50%; border:none;"> <u> X </u> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____ </td> <td style="width: 50%; border:none;"> Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ MGD consisting of: _____ </td> </tr> <tr> <td style="border:none;"> <u> X </u> Sewers and Appurtenances _____ Impoundment(s) <u> X </u> Soil Erosion & Sedimentation Control Plan <u> X </u> Stream Crossing(s) </td> <td style="border:none;"> _____ Pump Station(s) _____ Injection Well(s) _____ Outfall & Headwall(s) </td> </tr> </table>	<u> X </u> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____	Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ MGD consisting of: _____	<u> X </u> Sewers and Appurtenances _____ Impoundment(s) <u> X </u> Soil Erosion & Sedimentation Control Plan <u> X </u> Stream Crossing(s)	_____ Pump Station(s) _____ Injection Well(s) _____ Outfall & Headwall(s)
<u> X </u> The construction/operation of: _____ Sewage Treatment Facilities _____ Land Application Facilities _____ Average Design Flow of _____	Modification(s) to the construction/operation of: _____ Industrial Waste Treatment Facilities _____ Other: _____ _____ MGD consisting of: _____				
<u> X </u> Sewers and Appurtenances _____ Impoundment(s) <u> X </u> Soil Erosion & Sedimentation Control Plan <u> X </u> Stream Crossing(s)	_____ Pump Station(s) _____ Injection Well(s) _____ Outfall & Headwall(s)				
D. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:					
1. a. All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit/Permit Amendment Application dated <u>11/14/97</u> , its supporting documentation, and addendums dated _____ Such application, its supporting documentation and addendums are hereby made a part of this permit.					
b. Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are (except for any modifications to the original permit herein permitted) also made a part of this permit amendment.					
2. Conditions numbered <u>1-7, 9, 13, 14, 16, 17-18, 20-22</u> of the <u>sewerage</u> standard conditions dated <u>09/83</u> and conditions numbered <u>1-12</u> of the erosion control standard conditions dated <u>08/91</u> are attached and made part of this permit.					
3. Special conditions numbered <u>I and II</u> are attached and made part of this permit.					
E. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:					
1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.					
2. Failure to comply with the rules and regulations of the Department or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.					
3. This permit is issued pursuant to the Clean Stream law Act of June 22, 1937, P.L. 1987, <u>as amended</u> 35 P.S. § 691.1 <u>et seq.</u> , and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, <u>as amended</u> 32 P.S. § 693.1 <u>et seq.</u> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.					
4. Industrial Facilities - If the herein permitted facilities or modifications are not completed with two (2) years of the issue date below, this permit will become null and void and reapplication shall be required.					
PERMIT ISSUED: DATE <u>January 28, 1998</u>	DEPARTMENT OF ENVIRONMENTAL PROTECTION				
AMENDMENT ISSUED: DATE _____	BY: <u>James Harold</u> TITLE: <u>Acting Regional Manager, Water Management</u>				

**Sewerage Permit No. 1597414
Valley Township
Valley Township, Chester County**

This permit is subject to the following Special Condition(s):

- I. If there is a change in ownership of this facility or in permittee name, an application for transfer of permit must be submitted to the Department.
- II. Consistent with Department of Environmental Protection Policy, the Department did not conduct a detailed technical review of the application for this permit. The Department considers the registered professional engineer whose seal is affixed to the design documents, to be fully responsible for the adequacy of all aspects of the facility design.

Re 30 (SMC98)14A

STANDARD CONDITIONS RELATING TO SEWERAGE - PART II PERMITS

For use in Water Quality Management Permits

1. During construction, no changes affecting any engineering design parameter shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.
2. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled such that the sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from injury by water, freezing, drying or other harmful conditions until cured.
3. Manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of the street wash or grit, and to provide convenient and safe means of access and maintenance.
4. No stormwater from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.
5. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and on-lot sewage disposal systems on the premises of occupied structures which are accessible to public sewers and require the connection of such structures to the public sewers.
6. The herein approved sewers shall be maintained in good condition, kept free from deposits by flushing or other proper means of cleaning and repaired when necessary.
7. The permittee shall file with the Department of Environmental Resources "as-built" plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.
8. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to assure the proper mixing and waste assimilation an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of navigable stream, provided that the permittee has secured an easement, right-of-way, license, or lease from the Department in accordance with Section 15 of the Dam Safety and Encroachment Act, the Act of November 26, 1978, P.L. 1375, as amended.
9. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property, with full rights of ingress, egress and regress.
10. When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.
11. The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facility will individually and collectively perform the functions for which they were designed.
12. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise the effluent from the said works ceases to be satisfactory or the sewerage facilities shall have created a public nuisance, then upon notice by the Department, the right herein granted shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory.

DEPARTMENT OF ENVIRONMENTAL RESOURCES
STANDARD CONDITIONS RELATING TO EROSION CONTROL
For Use in Water Quality Management Permits

August 1991

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.
2. If at any time the erosion and sedimentation activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.
3. This permit does not authorize any earth disturbance controlled by an ordinance enacted by a local municipality. Additional permits must be secured from local municipalities where earthmoving activities are covered by local ordinances.
4. At least seven days before earthmoving will begin, the permittee, by telephone or certified mail, shall notify the Department or its designee of the date for beginning of construction and invite the County Conservation District Representative to attend a pre-construction conference with the contractor. The permittee shall have his erosion control plan available at the site of the activity at all times.
5. All earthmoving activities shall be undertaken in the manner set forth in the erosion and sedimentation control plan identified with this permit. Revisions to the plan shall be pre-approved by the Department.
6. The erosion control measures and facilities shall be constructed under the supervision and competent inspection of an individual trained and experienced in erosion control, and in accordance with plans, designs and other data as herein approved or amended, and with the conditions of this permit. Control facilities shall be frequently inspected and maintained to insure effective control.
7. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the County Conservation District so that an inspection of the measures and facilities may be made.
8. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the erosion and sedimentation measures and facilities for which this permit is issued, unless with the approval of the Department.
9. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. The sediment removed shall be handled and disposed of in a manner that will not create pollution problems and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.
10. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.
11. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.
12. The responsibility of carrying out the permit conditions shall rest with the owner, lessee, assignee or other responsible manager of earthmoving that affects the approved erosion controls. Such responsibility passes with each control succession.



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

September 28, 2010

Mr. Grover Koon, Chairman
Valley Township
890 West Lincoln Highway
P.O. Box 467
Coatesville, PA 19320

Re: Rock Run Pump Station Rerate No. 2
Permit No. 1502419-A-3
File Type: Amendment
Valley Township
Chester County

Dear Mr. Koon:

Your permit amendment is enclosed.

Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

RECEIVED
SEP 30 2010

PENNONI ASSOCIATES INC

Southeast Regional Office | 2 East Main Street | Norristown, PA 19401-4915

484.250.5970 | Fax 484.250.5971

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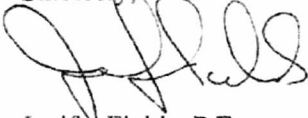
www.depweb.state.pa.us

Mr. Grover Koon, Chairman

- 2 -

If you have any questions, please call Mr. Keith Dudley at 484.250.5190.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Fields", written over the word "Sincerely,".

Jenifer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Mr. Rasiul, P.E. – Pennoni Associates
Operations Section
Re (GJS10WQM)260-8



**WATER QUALITY MANAGEMENT
PERMIT**

<p>A. PERMITTEE (Name and Address): Valley Township 890 W. Lincoln Highway P.O. Box 467 Coatesville, PA 19320</p>	<p>CLIENT ID#: 81247 B. PROJECT/FACILITY (Name): Rock Run Pump Station Re-Rate</p>
---	--

<p>C. LOCATION (Municipality, County): Valley Township Chester County</p>	<p>SITE ID#: 481242</p>
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D. This amendment approves the modification of sewerage facilities consisting of:

-Reprogramming the variable frequency drives to allow the pump station to operate at 800 gpm maximum peak pumping rate, with any one pump out of service.

<p>Pump Stations: <u>1</u> Design Hydraulic Capacity: <u>800</u> GPM Average Annual Flow: <u>0.384</u> MGD</p>	<p>Manure Storage: Volume: <u> </u> MG Freeboard: <u> </u> inches</p>	<p>Industrial Wastewater/Sewage Treatment Facility: Annual Average Flow: <u> </u> MGD Design Hydraulic Capacity: <u> </u> MGD Design Organic Capacity: <u> </u> lb/day</p>
--	--	---

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

- New Permits:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated 1502419, its supporting documentation and addendums dated 3/18/2003, which are hereby made a part of this permit.


Amendments: All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated 6/10/2010 and its supporting documentation and addendums dated 2/24/2006, which are hereby made a part of this amendment.

Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. dated shall remain in effect.

Transfers: Water Quality Management Permit No. dated and conditions, supporting documentation and addendums are also made part of this transfer.
- Permit Conditions Relating to Sewerage are attached and made part of this permit.
- Special Conditions numbered N/A are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

- If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
- Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
- This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

<p>PERMIT ISSUED: <u>September 28, 2010</u></p>	<p>BY: <u></u> TITLE: <u>Water Management Program Manager</u></p>
--	---

VLTW0205



Pennsylvania Department of Environmental Protection

2 East Main Street
Norristown, PA 19401
September 25, 2006

Southeast Regional Office

Phone: 484-250-5970
Fax: 484-250-5971

Ms. Patrice L. Proctor
Vice Chairman
Valley Township
890 West Lincoln Highway
Coatesville, PA 19320-1943

Re: Round Hill Development
Application No. 1506413
File Type: Permit
Valley Township
Chester County

Dear Ms. Proctor:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities (see Special Conditions). You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to the Department within 30 days following startup of the facilities.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.



Ms. Patrice Proctor

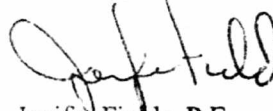
- 2 -

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call Mr. Andrew Haneiko at 484-250-5183.

Sincerely,



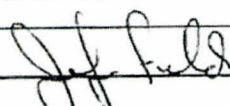
Jenifer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Mr. McCarthy, P.E. – McCarthy Engineering Association
Operations Section
Mr. Sheckler
Re (AR06WQM)268-8



**WATER QUALITY MANAGEMENT
PERMIT**

<p>A. PERMITTEE (Name and Address): Valley Township 890 W. Lincoln Highway P.O. Box 467 Coatesville, PA 19320-1943</p>	<p>CLIENT ID#: 81247</p>	<p>B. PRIMARY FACILITY (Name): Coatesville STP</p>
<p>C. LOCATION (Municipality, County): Valley Township Chester County</p>		<p>SITE ID#: 481242</p>
<p>D. This permit approves the construction of sewerage facilities consisting of: Two pump stations with associated force main and the upgrade of sanitary sewer.</p>		
<p>Pump Stations: <u>2</u> Design Capacity: <u>0.1895, 0.0491</u> MGD Average Annual Flow: <u>0.0486, 0.0117</u> MGD</p>	<p>Manure Storage: Volume _____ MG Freeboard: _____ inches</p>	<p>Industrial Wastewater/Sewage Treatment Facility: Annual Average Flow: _____ MGD Design Hydraulic Capacity: _____ MGD Design Organic Capacity: _____ lb/day</p>
<p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. New Permits: All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated <u>07/18/2006</u>, its supporting documentation, and addendums dated __, which are hereby made a part of this permit.</p> <p>Amendments: All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated __ and its supporting documentation, and addendums dated __, which are hereby made a part of this amendment.</p> <p>Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. _____ dated __ shall remain in effect.</p> <p>Transfers: Water Quality Management Permit No. _____ dated __ and conditions, supporting documentation and addendums are also made part of this transfer.</p> <p>2. Permit Conditions Relating to sewerage are attached and made part of this permit.</p> <p>3. Special Conditions numbered __ are attached and made part of this permit.</p>		
<p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <p>1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.</p> <p>2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.</p> <p>3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, <u>as amended</u> 35 P.S. §691.1 <i>et seq.</i> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.</p>		
<p>PERMIT ISSUED: September 25, 2006</p>		<p>BY: <u></u> TITLE: <u>Water Management Program Manager</u></p>



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE
For use in Water Quality Management Permits

(Place a \checkmark in the box that applies)

General

- 1. Consistent with the Department of Environmental Protection's (DEP) technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities* (DEP ID: 362-2000-007) available on DEP's website at www.dep.state.pa.us. DEP considers the registered Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.
- 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.
- 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.
- 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.
- 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.
- 6. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
- 7. This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of these approved facilities and notify DEP accordingly. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- 8. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.
- 9. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.
- 10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. PA_____ and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

- 11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.

If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.

In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to

construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

- 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.
- 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSWM0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.
- 14. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.
- 15. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

- 16. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.
- 17. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
- 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
- 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
- 20. The sewerage facilities shall be properly operated and maintained to perform as designed.
- 21. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
- 22. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.
- 23. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.
- 24. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.
- 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.
- 26. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT
 POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER

Permittee	Valley Township
Municipality	Valley Township
County	Chester
WQM Permit No.	1506413
Facility Type	Pump Stations and sewerage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engineer's Seal	Professional Engineer
	Name _____ (Please Print or Type)
	Signature _____
	Date _____
	License Expiration Date _____
	Firm or Agency _____
	Telephone _____
	Permittee or Authorized Representative
	Name _____ (Please Print or Type)
	Signature _____
	Title _____
	Telephone _____



Pennsylvania Department of Environmental Protection

2 East Main Street
Norristown, PA 19401

June 8, 2006

Southeast Regional Office

Phone: 484-250-5970

Fax: 484-250-5971

Mr. Walter Johnson, Chairman
Valley Township
890 West Lincoln Highway
P.O. Box 467
Coatesville, PA 19320

Re: Valley Suburban Center
Sewerage WQG02150618
File Type: Permit
Valley Township
Chester County

Dear Mr. Johnson:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities (see Special Conditions). You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to the Department within 30 days following startup of the facilities.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.



VLTW0303

Mr. Johnson

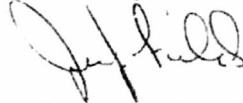
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IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call David Talley at 484-250-5181.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Water Management

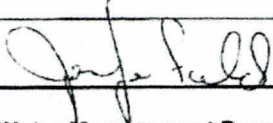
Enclosures

cc: Mr. Newell – Nave Newell, Inc.
Operations Section
Mr. Sheckler



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

WQG-02
WATER QUALITY MANAGEMENT
GENERAL PERMIT FOR SEWER EXTENSIONS AND PUMP STATIONS
PERMIT NUMBER WQG02150618

A. PERMITTEE (Name and Address): Valley Township 890 West Lincoln Highway P.O. Box 467 Coatesville, PA 19320 CLIENT ID#: 81247	B. PROJECT/FACILITY (Name): Valley Suburban Center C. LOCATION (County, Municipality): Valley Township Chester County
D. This General Permit approves the construction and operation of: <input checked="" type="checkbox"/> SEWER EXTENSION <input checked="" type="checkbox"/> PUMP STATION	
E. APPROVAL GRANTED BY THIS GENERAL PERMIT IS SUBJECT TO THE FOLLOWING: 1. All construction, operations and procedures shall be in accordance with the <i>Domestic Wastewater Facilities Manual</i> . Transfers: In the event the permittee plans to transfer ownership of the facility to another entity, the permittee and the transferee shall submit an application for such transfer to DEP. If the transfer is approved by DEP, the transferee is subject to the terms and conditions of this General Permit. 2. The attached conditions apply to this General Permit and are hereby made part of same.	
F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS: 1. If there is a conflict between the NOI or its supporting documents and amendments and the attached conditions, the attached conditions shall apply. 2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this General Permit shall void the authority given to the permittee by the issuance of this General Permit. 3. This General Permit is issued pursuant to the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 <i>et seq.</i> Issuance of this General Permit shall not relieve the permittee of any responsibility under any other law.	
PERMIT ISSUED: June 8, 2006	BY:  TITLE: <u>Water Management Program Manager</u>

Permit



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PERMIT CONDITIONS

General

1. Consistent with DEP's technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities*, DEP ID: 362-2000-007, available on DEP's website, DEP considers the registered professional engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility's design.
2. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.
3. If, at any time, the sewer extension and/or pump station covered by this General Permit creates a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
4. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the facilities.
5. This General Permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to, or over any lands which belong to the Commonwealth.
6. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

7. An Erosion and Sedimentation (E&S) Control Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.
If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES Permit is required.
In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local county conservation district office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements please contact your local county conservation district office.
8. Prior to beginning any construction or excavation, the locations of all utility lines must be identified through notification to the PA One Call system (www.paonecall.org). The notification shall not be less than three nor more than 10 working days in advance of beginning the construction or excavation.
9. The local waterways conservation officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if there is any use of explosives in any waterways and the permittee shall notify the local waterways conservation officer when explosives are to be used.
10. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The whole manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.
11. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.

12. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSWM0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification. Construction must be completed within two years of permit issue date.

Operation and Maintenance

13. The permittee shall maintain sewer extension and/or pump station operation and maintenance (O&M) manuals at the facility and ensure proper O&M of the permitted facility. The permittee shall file the O&M manuals with DEP upon request.
14. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sewer extension or pump station.
15. The sewer extension shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimal settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
16. The approved sewer extensions and/or pump stations shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
17. The sewer extension and/or pump station shall be properly operated and maintained so that the facility will perform as designed.
18. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
19. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of the sewer extension and/or pump station.
20. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code, Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR Part 257 and the Federal Clean Water Act and its amendments.



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT
 POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER

Permittee	Valley Township
Municipality	Valley Township
County	Chester
WQM Permit No.	WQG02150618
Facility Type	Pump Station/Sewer Ext.

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

	Professional Engineer
	Name _____ (Please Print or Type)
	Signature _____
	Date _____
	License Expiration Date _____
	Firm or Agency _____
	Telephone _____
	Permittee or Authorized Representative
	Name _____ (Please Print or Type)
	Signature _____
	Title _____
	Telephone _____