

**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**

15. Plant in Service.
- a. Provide an inventory of the used and useful plant assets to be transferred. Identify separately any utility plant that is held for future use.³

RESPONSE:

- a. See the Engineer's Assessment attached as **Appendix A-15-a** that identifies assets to be transferred as required by 66 Pa. C.S. § 1329(a)(4).

³ The inventory is to be developed from available records, maps, work orders, debt issue closing documents funding construction projects, and other sources to ensure an accurate listing of utility plant by utility account.

VALLEY TOWNSHIP SEWERAGE FACILITIES ENGINEERING ASSESSMENT AND ORIGINAL COST

**Valley Township
Chester County, PA**

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APPENDICES

APPENDIX A – SYSTEM MAPPING

- A1 – Sanitary Sewer System Map (EX-1)

APPENDIX B

- Uniform System of Accounts - Section 300
- PA ACT 12 of 2016

1. EXECUTIVE SUMMARY

As required by PA Act 12 of 2016 and following the guidelines of the "Uniform System of Accounts for Class A Wastewater Utilities", an assessment of the tangible assets of facilities and equipment of the Valley Township wastewater utility is prepared as part of the asset purchase agreement with Pennsylvania-American Water Company (PAWC). Each facility and class of equipment was coded based on Section 300 of the "Wastewater Utility Plant Accounts" of the Guidelines. The Asset Survey included six pump stations and associated force mains, and approximately 39 miles of gravity sewers. Asset cost information was derived from various sources. Site visits to each of the facilities were conducted to inventory the equipment and assess conditions.

Site inventories and facility conditions were documented on facility information sheets and summarized in the facility description summaries.

Conditions of the pump stations vary from poor to very good based on the age and/or completion of recent improvements.

Gravity sewer and force main conditions were not determined. The piping installation period ranges from 1970 to 2017.

A complete list of the assets and original costs is provided in Section 9 of this report.

2. PURPOSE OF REPORT

The purpose of this report is to “conduct an assessment of the tangible assets of the selling utility” per the requirements of PA Act 12 of 2016.

This engineering assessment will be used by the Utility Valuation Experts (UVEs) retained by both the seller (Valley Township) and buyer (PAWC). The engineering assessment followed the practices and procedures of the Public Utility Commission (PUC) and National Association of Regulatory Utility Commissioners (NARUC) Systems of Accounts. The engineering assessment report documents the conditions and original costs of Valley Township’s assets that will be used as the common list for the UVEs to develop their appraisal of the system.

The report preparation process included meeting with key Township and PAWC representatives to identify and confirm specific information needed to support the assessment and to prepare the report, providing a mutually agreed upon scope of work with Valley Township and PAWC. The inventory is a compilation of data gathered by Pennoni, developed from institutional knowledge, available records, maps, work orders, payment records from construction projects, site evaluations, and other sources to provide an inventory and listing.

This report contains the following:

- An inventory of the used and useful assets to be transferred, compiled by year and account (codes).
- Identification of facilities being held for future use (if any).
- A list of non-depreciable property such as land and rights-of-way.
- A review of system components, plans, and reports of key facilities. This includes:
 - Permitted discharges, including regulatory requirements
 - Pumping Stations (6 each), including force mains
 - Gravity collection system
- Summary of the operation and maintenance expenses based upon review of Valley Township operating records.
- An assessment of the identified assets.
- Determination and/or establishment of an original cost of construction for each asset.

Assets were identified through various sources. Gravity sewer and force main sizes and quantities were taken from Construction Escrow Releases/Estimates, Township Sewer System Mapping, and Land Development Plans. Pump Stations were field inventoried and evaluated; and supplemented with information obtained from drawings, where available. Asset costs are based on Construction

Escrow Releases/Estimates where available or estimated current cost and back calculated to the year of installation using the ENR Construction Cost Index.

A coding system as described in Section 300 of the Uniform System of Accounts for Class A Wastewater Utilities was used for classifying various assets. Section 300 as well as the listing of codes can be found in Appendix B.

3. SYSTEM DESCRIPTION

System Summary

Valley Township, Chester County, PA borders West Brandywine and West Caln Townships to the north; East Fallowfield Township and the Borough of South Coatesville to the south; the City of Coatesville and Caln Township to the east; and Sadsbury Township to the west.

The wastewater system in the Township consists of approximately 39 miles of gravity collectors and interceptors ranging in size from 8 to 18 inches diameter, approximately 3,260 LF of low pressure sewer piping ranging in size from 1-1/2 to 2 inches diameter, approximately 5 miles of force mains ranging in size from 2 to 10 inches diameter, six Township-owned sewage pumping stations, and one undedicated pumping station that is permitted to the Township. With the exception of the pumping station that is undedicated, the wastewater systems are owned and maintained by Valley Township. The Township contracts M&B Environmental Inc. to provide licensed operations of the six Township-owned sewage pumping stations. All wastewater is conveyed to PAWC's Wastewater Treatment Plant (WWTP) in South Coatesville.

A map of the Township's three sewage system drainage basins is located in Appendix A. There are approximately 3,275 EDUs connected to the Township's sewer system as direct customers of Valley Township. There are also three intermunicipal connections in which wastewater is conveyed through the Township's sewer system via intermunicipal conveyance agreements with PAWC. The average annual flow for the Township in 2019, excluding intermunicipal flows, was 0.930 MGD, well within the Township's allocation at the PAWC WWTP of 1.140 MGD.

System Drainage Basins

The Rock Run Basin covers roughly the northern third of the Township. Three Township-owned pump stations – Rock Run Pump Station, Highlands Corporate Center Pump Station #1, and Country Ridge Pump Station – are located in this basin. Two of the intermunicipal connections are also located within the Rock Run Basin – the Coatesville Country Club and the Marriott (aka OTP Corporation) Hotel & Restaurant. All of the basin's wastewater flows are conveyed into the Rock Run Pump Station, where they are metered and then pumped into PAWC's system.

The Hayti Basin covers roughly the central third of the Township. The two Township-owned Round Hill Pump Stations are located in this basin. All flows are conveyed through a gravity interceptor along W. Lincoln Hwy to the Charles Street Meter Pit, where flows are metered prior to flowing into PAWC's system.

The Westwood Basin covers roughly the southern third of the Township. All flows are conveyed through a gravity interceptor along Valley Road to the Valley Road Meter Pit, where flows are metered

prior to flowing into PAWC's system. The third intermunicipal connection, from the Strasburg Hunt subdivision in East Fallowfield Township, is located within this basin.

4. INVENTORY OF ASSETS

4.1. PUMP STATIONS

Rock Run PS

Facility Description (see attached Information Sheet)

The Rock Run PS is located at 1069 Williams Way. The pump station is equipped with two submersible pumps with an 800 GPM permitted peak flow controlled with variable frequency drives (VFDs). Wastewater is discharged through a 3,825 LF force main, starting as 10" ductile iron at the pump station, transitioning to 10" HDPE along Wagontown Road, and transitioning to 6" cast iron near the border with the City of Coatesville before it ties into a PAWC sewer system manhole. The pump station was originally installed in 1972 with demolition of most of the original pump station and major upgrades performed in 2004.

The wet well is concrete (168 SF) with three 3' x 2.5' and one 8' x 3.5' aluminum hatchways. The control panel is manufactured by Myriad. There are two 8" check valves and two 8" gate valves. The influent line to the wet well contains a Muffin Monster grinder operated via a 5 HP hydraulic power pack. The station has a magnetic flow meter and Endress Hauser data logger installed.

The building (500 SF) is constructed of brick exterior with CMU interior and fiberglass shingles roof in good condition. The building contains overhead fluorescent lighting, two single fiberglass doors, and an 8' insulated roll-up door.

The generator is a Cummins 125 KW unit with a 200-gallon diesel tank. The Automatic Transfer Switch (ATS) is manufactured by Cummins.

The entire property is surrounded by an approximately 100 LF chain link fence. The facility also contains a stall lavatory and sink.

Property Condition

The building and all mechanical and electrical equipment are in good condition.



Figure 1 – Wet Well Exterior

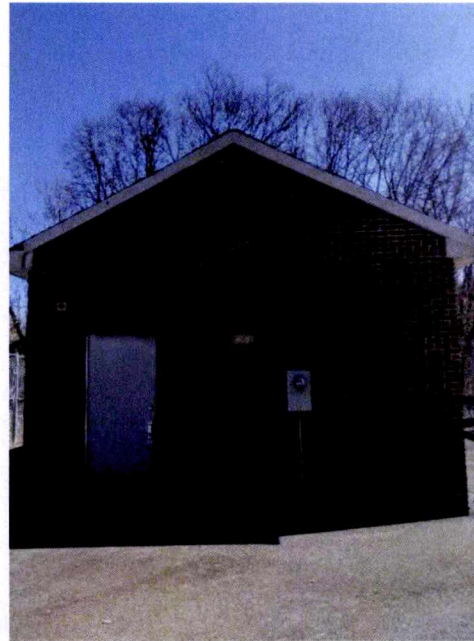


Figure 2 – Building Exterior

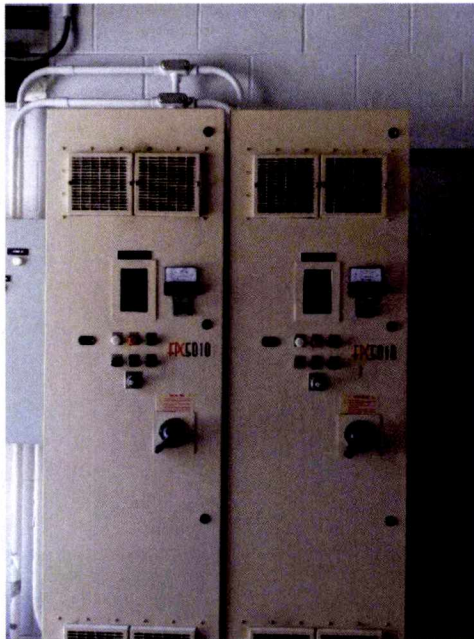


Figure 3 – VFDs

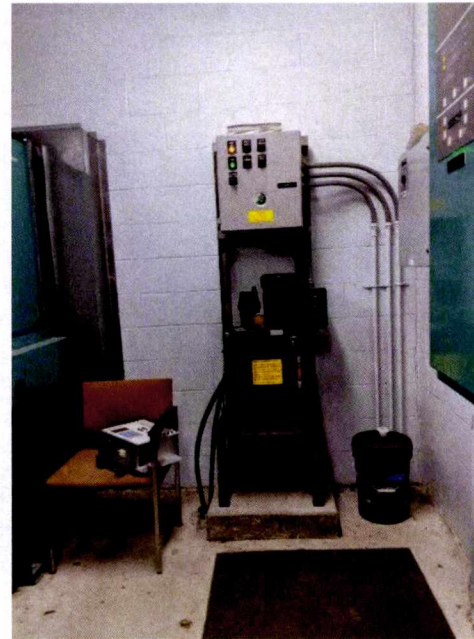


Figure 4 – Muffin Monster Controls

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Rock Run	Phone #		
Location		1069 Williams Way, Valley Township, PA			
Start Up Date		orig. 1972, upgraded in 2004			
CODE	SUBCODE	PUMP STATION			COMMENTS
354.3		PUMP(S)			
		Condition	unknown		
		No. of Pumps	2		
		Type	submersible		
		Pump Manufacturer	Flygt		
		Pump Model Number	CP-3170		
		Year Installed			
		Pump GPM	800 ±		
		Pump TDH Ft.	85		
		Outlet Size	6"		
		Motor HP	30		
		Motor Voltage	480		
		Pump Control (VFD?)	VFDs		
370.3		WET WELL			
		Condition	good		
		Size	168 SF		
		Material	CONCRETE		
		Lined	Epoxy		
		Hatch	(3) 3-ft x 2.5-ft aluminum, (1) 8-ft x 3.5-ft aluminum		
		Vent	8" SS		
		Rails			
		Cable			
		Piping			
371.3		CONTROL PANEL			
		Manufacturer	Myriad		
		Year Installed	2004		
		Model/Serial number			
361		INFLUENT PIPING (IF KNOWN)			
		Material			
		Diameter	18"		
371		GRINDER			
		Manufacturer	Muffin Monster		
		Model/Serial number			
		HP	5		
		Year Installed			
371		CRAIN/HOIST			
		Manufacturer	Thorn Portable Winch		Stored in building, not installed.
		Model/Serial number	M4312PB-K		
		Year Installed	Uninstalled, stored in building		
360		VALVES (DISCHARGE)			
		Type	CHECK	GATE	
		Manufacturer			
		Size	8"	8"	
		#	2	2	
		Year Installed	2004		
355		GENERATOR			
		Manufacturer	Cummins		
		Generator KW	125		
		Generator KVA	156		
		Fuel Tank (Gals)	200 gal diesel		
355		ATS (manf/model #)	Cummins PowerCommand OTCB-5636642		
		Year Installed	2004		
360		FORCE MAIN			
		Force Main Size	10", 6"		
		Force Main Mat.	DI, HDPE, CI		
		Length in Feet	3,825		
		Year Installed	varies		
		Discharge Point	SMH		
		Discharge Point Location	CCA		

Appendix A-15-a

354.2	BUILDING				
	Condition				
	Size	500 SF			
	Main Structure Material	BRICK			
	Roof Type	FIBERGLASS SHINGLES			
	Roof Condition	unknown			
	Doors (number /material)	1 FIBERGLASS, 1, 8' ROLLUP			
	Lighting (Type)	overhead fluorescent			
	Year Installed	2004			
	ELECTRICAL				
371.3	MCC				
396	Alarm System (manf/ model)	DiaLog Scout			COMMENTS
	Year Installed	2004			
354.3	HVAC				
	Condition	good			
	Type	(2) Electric unit heaters			
	Manufacturer				
	Year Installed				
364	Flow Meter	magnetic			
364	Chart Recorder	circular			
354.3	Hydrants				
	GROUND				
354.3	Fence Length	100			
	Fence Type	CHAIN LINK			
	Year Installed	2004			
354.3	Paving and Walkways	ASPHALT			
371.3	ODOR CONTROL	N/A			
	Manufacturer				
	Type				
	MISCELLANEOUS				
	Other Buildings	Bathroom and Sink in building			
	Spare Parts				DESCRIPTION OF FACILITY
	Vac Truck Suitable				
	Spare Parts				
	Vac Truck Suitable				

Round Hill PS #1

Facility Description (see attached Information Sheet)

Round Hill PS #1 is located on Larose Drive and is equipped with two submersible non-clog Hydromatic S4NX500JC pumps with a permitted peak flow of 160 GPM. Wastewater is discharged through a 905 LF, 4" ductile iron force main that ties into the Township's existing sewage collection system at Manhole 111 on Robinson Avenue. The pump station was installed in 2008.

The wet well is concrete (36 SF) with a 36" x 66" aluminum hatchway. The control panel is manufactured by Hydromatic. There are two 4" gate valves and one 4" check valve. The influent line to the wet well contains a trash rack. The station has a Sparling flow meter and Endress Hauser data logger.

The building (200 SF) is constructed of CMU and architectural shingle roof in good condition. The building contains overhead fluorescent lighting and a double door.

The Generator is a Cummins 35 KW unit with 70 gallon diesel tank. The Automatic Transfer Switch (ATS) is manufactured by Cummins.

The entire property is surrounded by an approximate 200 LF chain link fence with privacy slats. The facility has an inactive Bioxide system for odor control.

Property Condition

The building and all mechanical and electrical equipment are in good condition.



Figure 1 – Building Exterior



Figure 2 – Wet Well Interior



Figure 3 – Control Panel & Electrical

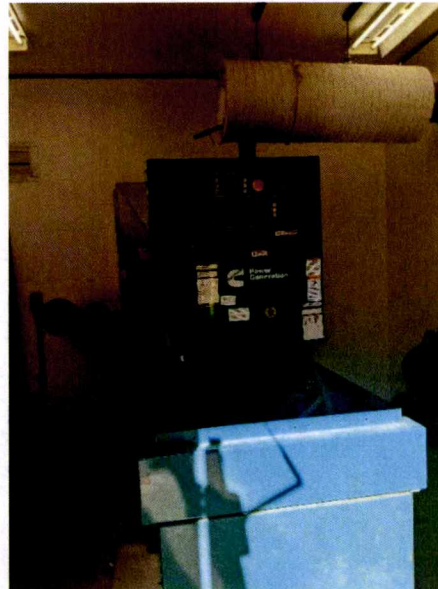


Figure 4 – Generator

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Round Hill #1	Phone #		
Location		Larose Dr, Valley Township, PA			
Start Up Date		2008			
CODE	SUBCODE	PUMP STATION			COMMENTS
371.3		PUMPS(S)			
371.3		Condition	unknown		
		No. of Pumps	2		
		Type	submersible non-clog		
		Pump Manufacturer	Hydromatic		
		Pump Model Number	S4NX500JC		
		Year Installed	2008		
		Pump GPM	160		
		Pump TDH Ft.	38.67		
		Outlet Size			
		Motor HP	5		
		Motor Voltage	240		
371.3		Pump Control (VFD?)	floats		
370.3		WET WELL			
		Condition	good		
		Size	36 SF		
		Material	CONCRETE		
		Lined			
		Hatch	36" x 66" Aluminum Hatch		
		Vent	6" DI		
		Rails	Hydromatic Pultruded rail lift out		
		Cable			
		Piping			
371.3		CONTROL PANEL			
		Manufacturer	Hydromatic		
		Year Installed	2008		
		Model/Serial number	Hydromatic/B-H150700671		
361		INFLUENT PIPING (IF KNOWN)			
		Material	PVC		
		Diameter	8"		
371		GRINDER	N/A		Trash Rack in place
		Manufacturer			
		Model/Serial number			
		HP			
		Year Installed			
371		CRAIN/HOIST			
		Manufacturer	Thern		
		Model/Serial number	1000 LB, #5110 MI-SS		
		Year Installed	2008		
360		VALVE VAULT			
		Type	GATE	CHECK	
		Manufacturer			
		Size	4"	4"	
		#	2	1	
		Year Installed			
355		GENERATOR			
		Manufacturer	CUMMINS		
		Generator KW	35		
		Generator KVA	43.75		
		Fuel Tank (Gals)	70		
355		ATS (manf/model #)	Cummins / OTECA-5876305		
		Year Installed	2008		
360		FORCE MAIN			
		Force Main Size	4"		
		Force Main Mat.	DI		
		Length in Feet	905		
		Year Installed	2008		
		Discharge Point	SMH 111		
		Discharge Point Location	ROBINSON AVE		

Appendix A-15-a

354.2	BUILDING				
	Condition	good			
	Size	187 SF			
	Main Structure Material	CMU			
	Roof Type	ARCHITECTURAL SHINGLES			
	Roof Condition	good			
	Doors (number /material)	double door			
	Lighting (Type)	fluorescent			
	Year Installed	2008			
	ELECTRICAL				
371.3	MCC				
396	Alarm System (manf/ model)	Microtel Series 1000 Dialer			COMMENTS
	Year Installed	2008			
354.3	HVAC				
	Condition	HEAT			
	Type	ELECTRIC			
	Manufacturer	CHROMALOX			
	Year Installed	2008			
364	Flow Meter	Sparling FM656-043-116-0			
364	Chart Recorder	Sparling RR770-1-0-000-A-0			
354.3	Hydrants				
	GROUNDINGS				
354.3	Fence Length	200 LF			
	Fence Type	CHAIN LINK with privacy slats			
	Year Installed				
354.3	Paving and Walkways	ASPHALT			
371.3	ODOR CONTROL				
	Manufacturer	Siemens			unused
	Type	Bioxide			
	MISCELLANEOUS				
	Other Buildings				
	Spare Parts				
	Vac Truck Suitable				
	Spare Parts				
	Vac Truck Suitable				

Round Hill PS #2

Facility Description (see attached Information Sheet)

Round Hill PS #2 is located on Larose Drive and is equipped with two submersible Hydromatic grinder pumps with a permitted peak flow of 40 GPM. Wastewater is discharged through a 1,230 LF, 2" ductile iron force main that ties into the existing sewage collection system at Manhole 111 on Robinson Avenue. The pump station was installed in 2008.

The wet well is concrete (30 SF) with a 36" x 66" aluminum hatchway. The control panel is manufactured by Hydromatic. There are two 4" gate valves and one 4" check valve. The station has a flow meter and Endress Hauser data logger.

The building (200 SF) is constructed of CMU and architectural shingle roof in good condition. The building contains overhead fluorescent lighting and a double door.

The Generator is a Cummins 35 KW unit with 70 gallon diesel tank. The Automatic Transfer Switch (ATS) is manufactured by Cummins.

The entire property is surrounded by an approximate 200 LF chain link fence with privacy slats. The facility has an inactive Bioxide system onsite for odor control.

Property Condition

The building and all mechanical and electrical equipment are in good condition.



Figure 1 – Building Exterior



Figure 2 – Wet Well Exterior



Figure 3 – Cummins Generator

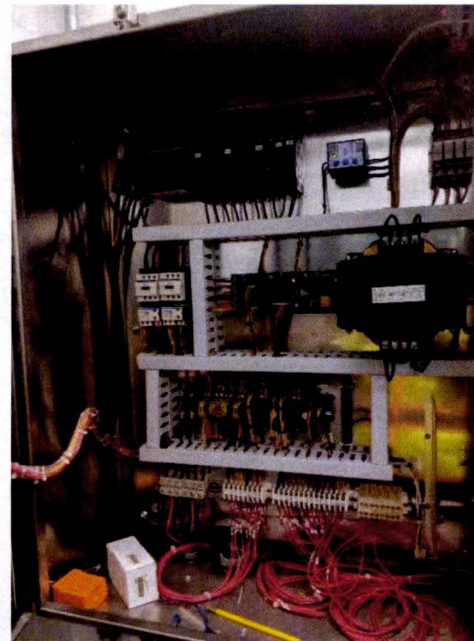


Figure 4 – Hydromatic Control Panel

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Round Hill #2	Phone #		
Location		Larose Dr, Valley Township, PA			
Start Up Date		2008			
CODE	SUBCODE	PUMP STATION			COMMENTS
371.3		PUMP(S)			
371.3		Condition	unknown		
		No. of Pumps	2		
		Type	submersible grinder		
		Pump Manufacturer	Hydromatic		
		Pump Model Number	HPGHX500EC		
		Year Installed	2008		
		Pump GPM	40		
		Pump TDH Ft.	68.69		
		Outlet Size			
		Motor HP	5		
		Motor Voltage	240		
371.3		Pump Control (VFD?)	floats		
370.3		WET WELL			
		Condition			
		Size	6' DIA		
		Material	CONCRETE		
		Lined			
		Hatch	36" x 66" Aluminum Hatch		
		Vent	4" DI		
		Rails	6" Hydr-O-Rail lift out rail system		
		Cable			
		Piping			
371.3		CONTROL PANEL			
		Manufacturer	Hydromatic		
		Year Installed	2008		
		Model/Serial number			
361		INFLUENT PIPING (IF KNOWN)			
		Material	PVC		
		Diameter	8"		
371		GRINDER	N/A		
		Manufacturer			
		Model/Serial number			
		HP			
		Year Installed			
371		CRAIN/HOIST			
		Manufacturer	Thern Portabe Hoist/Winch		
		Model/Serial number	1000 LB, #5110 MI-SS		
		Year Installed	2008		
360		VALVE VAULT			
		Type	GATE	CHECK	
		Manufacturer			
		Size	4"	4"	
		#	2	2	
		Year Installed	2008	2008	
355		GENERATOR			
		Manufacturer	CUMMINS		
		Generator KW	35		
		Generator KVA	43.75		
		Fuel Tank (Gals)	70		
355		ATS (manf/model #)	Cummins / OTECA-5876305		
		Year Installed	2008		
360		FORCE MAIN			
		Force Main Size	2"		
		Force Main Mat.	DI		
		Length in Feet	1230		
		Year Installed	2008		
		Discharge Point	SMH 111		
		Discharge Point Location	ROBINSON AVE		

Appendix A-15-a

354.2	BUILDING				
	Condition	good			
	Size	184			
	Main Structure Material	CMU			
	Roof Type	ARCHITECTURAL SHINGLES			
	Roof Condition	good			
	Doors (number /material)	double door			
	Lighting (Type)	fluorescent			
	Year Installed	2008			
	ELECTRICAL				
371.3	MCC				
396	Alarm System (manf/ model)	Microtel Series 1000 Dialer			COMMENTS
	Year Installed				
354.3	HVAC				
	Condition	HEAT			
	Type	ELECTRIC			
	Manufacturer	CHROMALOX			
	Year Installed	2008			
364	Flow Meter	Sparling FM656-023-116-0			
364	Chart Recorder	Sparling RR770-1-0-000-A-0			
354.3	Hydrants				
	GROUND				
354.3	Fence Length	228			
	Fence Type	CHAIN LINK			
	Year Installed	2008			
354.3	Paving and Walkways	ASPHALT			
371.3	ODOR CONTROL				
	Manufacturer	Siemens			unused
	Type	Bioxide			
	MISCELLANEOUS				
	Other Buildings				
	Spare Parts				
	Vac Truck Suitable				
	Spare Parts				
	Vac Truck Suitable				

DESCRIPTION OF FACILITY

Highland Corp. PS #1

Facility Description (see attached Information Sheet)

Highland Corp. PS #1 is located at 755 Fox Chase Road and is equipped with two submersible Hydromatic pumps with a permitted peak flow of 150 GPM. Wastewater is discharged through a 3,450 LF, 3" PVC force main that ties into the existing sewage collection system at Manhole 100 on Hilltop Lane. The pump station was installed in 1988.

The wet well is concrete (40 SF) with an aluminum hatchway. The control panel is manufactured by USEMCO. There are two 4" quarter turn butterfly valves .

There is no building or enclosure at this site.

The Generator is an Onan portable unit. The Automatic Transfer Switch (ATS) is manufactured by ASCO.

The entire property is surrounded by a 4 foot high chain link fence with barbed wire.

Property Condition

The mechanical and electrical equipment are aged and in poor condition.



Figure 1 – Pump Station Site



Figure 2 – Control Panel

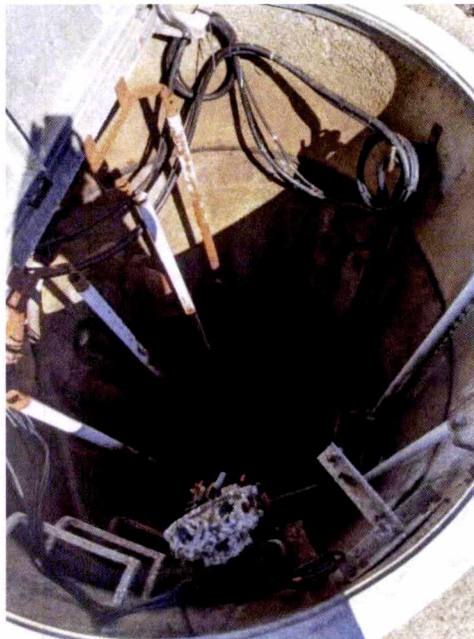


Figure 3 – Wet Well Interior



Figure 4 – ATS

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Highland Corp. Center PS #1	Phone #		
Location		755 Fox Chase Road, Coatesville, PA			
Start Up Date		1988			
CODE	SUBCODE	PUMP STATION			COMMENTS
371.3		<u>PUMP(S)</u>			
371.3		Condition	unknown		
		No. of Pumps	2		
		Type	submersible		
		Pump Manufacturer			
		Pump Model Number			
		Year Installed	1988		
		Pump GPM			
		Pump TDH Ft.			
		Outlet Size			
		Motor HP			
		Motor Voltage			
371.3		Pump Control (VFD?)	floats		
370.3		<u>WET WELL</u>			
		Condition	fair		
		Size	7'		
		Material	Concrete		
		Lined	unlined		
		Hatch	aluminum hatch		
		Vent	steel		
		Rails	metal		
		Cable			
		Piping			
371.3		<u>CONTROL PANEL</u>			
		Manufacturer	USEMCO		
		Year Installed			
		Model/Serial number			
361		<u>INFLUENT PIPING (IF KNOWN)</u>			
		Material	PVC SDR		
		Diameter	8"		
371		<u>GRINDER</u>	N/A		Trash rack installed
		Manufacturer			
		Model/Serial number			
		HP			
		Year Installed			
371		<u>CRAIN/HOIST</u>	N/A		
		Manufacturer			
		Model/Serial number			
		Year Installed			
360		<u>VALVE VAULT</u>			
		Type	1/4 turn butterfly		
		Manufacturer	Kennedy		
		Size	4"		
		#	2		
		Year Installed	1988		
355		<u>GENERATOR</u>			
		Manufacturer	Onan Portable		
		Generator KW	39.5/60		
		Generator KVA			
		Fuel Tank (Gals)			
355		ATS (manf/model #)	ASCO/D03ATSA30200NGXF		
		Year Installed	June 13, 1905		
360		<u>FORCE MAIN</u>			
		Force Main Size	3"		
		Force Main Mat.	PVC SDR		
		Length in Feet	3450		
		Year Installed	1988		
		Discharge Point	Hilltop Lane		
		Discharge Point Location			

Country Ridge PS

Facility Description (see attached Information Sheet)

Country Ridge PS is located at 104 North Mount Airy Road and is equipped with two submersible pumps with a permitted peak flow of 65 GPM. Wastewater is discharged through a 1,956 LF, 4" PVC force main that ties into the existing sewage collection system at Manhole 24 at the intersection of Dunbar Drive and Barlow Drive. The pump station was installed in 1990.

The wet well is concrete (40 SF) with a 42" x 42" aluminum hatchway. The control panel is manufactured by Mid Atlantic Pump & Equipment Company. There are two 3" quarter turn butterfly valves. The influent line has a trash rack.

The Building (200 SF) is constructed of brick exterior and CMU with a shingle roof in good condition. The building contains overhead fluorescent lighting and a double door.

The generator is a Martin Machinery 50 KW unit with a propane tank. The Automatic Transfer Switch (ATS) is manufactured by Zenith.

The propane tank outside of the building is surrounded by an approximate 200 LF chain link fence with barbed wire.

Property Condition

The building is in good condition and all mechanical and electrical equipment are older in fair condition.

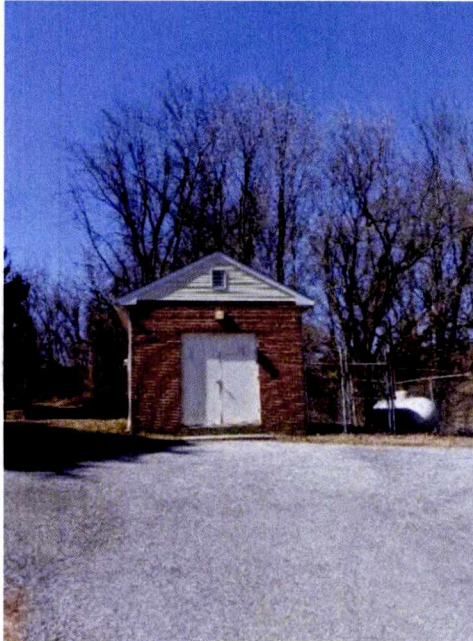


Figure 1 – Building Exterior with Propane Tank



Figure 2 – Wet Well Interior with Trash Rack

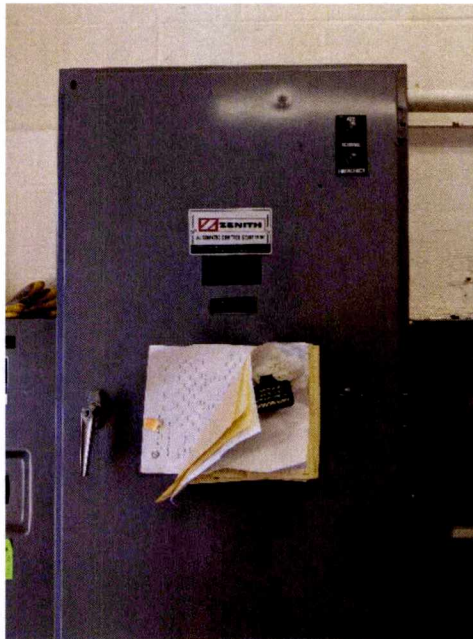


Figure 3 – ATS



Figure 4 – Generator

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Country Ridge PS	Phone #		
Location		104 N Mount Airy Road, Coatesville, PA			
Start Up Date		1990			
CODE	SUBCODE	PUMP STATION			COMMENTS
371.3		PUMP(S)			
371.3		Condition	unknwon		
		No. of Pumps	2		
		Type	submersible		
		Pump Manufacturer			
		Pump Model Number			
		Year Installed	1990		
		Pump GPM	65		
		Pump TDH Ft.			
		Outlet Size			
		Motor HP			
		Motor Voltage			
371.3		Pump Control (VFD?)	floats		
370.3		WET WELL			
		Condition	fair		
		Size	7'		
		Material	concrete		
		Lined			
		Hatch	42" x 42" aluminum hatch		
		Vent	3" steel or iron		
		Rails			
		Cable			
		Piping			
371.3		CONTROL PANEL			
		Manufacturer	Mid Atlantic Pump & Equipment Company		
		Year Installed	June 12, 1905		
		Model/Serial number			
361		INFLUENT PIPING (IF KNOWN)			
		Material	PVC SDR		
		Diameter	8"		
371		GRINDER	N/A		Trash rack
		Manufacturer			
		Model/Serial number			
		HP			
		Year Installed	1990		
371		CRAIN/HOIST	N/A		
		Manufacturer			
		Model/Serial number			
		Year Installed			
360		VALVE VAULT			
		Type	1/4 turn butterfly		
		Manufacturer			
		Size	3"		
		#	2		
		Year Installed	1990		
355		GENERATOR			
		Manufacturer	Martin Machinery		
		Generator KW	50		
		Generator KVA	63		
		Fuel Tank (Gals)	Propane		
355		ATS (manf/model #)	Zenith		
		Year Installed	1990		
360		FORCE MAIN			
		Force Main Size	4"		
		Force Main Mat.	SDR 35		
		Length in Feet	1956		
		Year Installed	1990		
		Discharge Point	MH 24		
		Discharge Point Location	Barlow Drive		

Hillview PS

Facility Description (see attached Information Sheet)

Hillview PS is located on McElree Lane and is equipped with two Barnes 4XSE-EHA submersible pumps with a permitted peak flow of 220 GPM. Wastewater is discharged through a 2,640 LF 4" PVC force main that ties into the existing sewage collection system at a manhole on Haslan Lane.

The pump wet well is concrete (40 SF) with a 36" x 48" aluminum hatchway. The control panel is manufactured by Pumpak. There are two 4" gate valves, one 4" wedge valve, and two 4" check valves. The influent line to the wet well contains a Muffin Monster grinder operated via a 5 HP hydraulic power pack. The station has an Endress Hauser ProMag flow meter with a paper chart recorder.

The Building (210 SF) is constructed of vinyl exterior and CMU interior with a shingle roof in good condition. The building contains overhead fluorescent lighting and a double door.

The generator is a Kohler 130 KW unit with a natural gas line connection. The Automatic Transfer Switch (ATS) is manufactured by Kohler.

The property is surrounded by an approximately 150 LF chain link fence. The peroxide odor control unit onsite is not in use.

Property Condition

The building is in good condition and all mechanical and electrical equipment are in good condition.

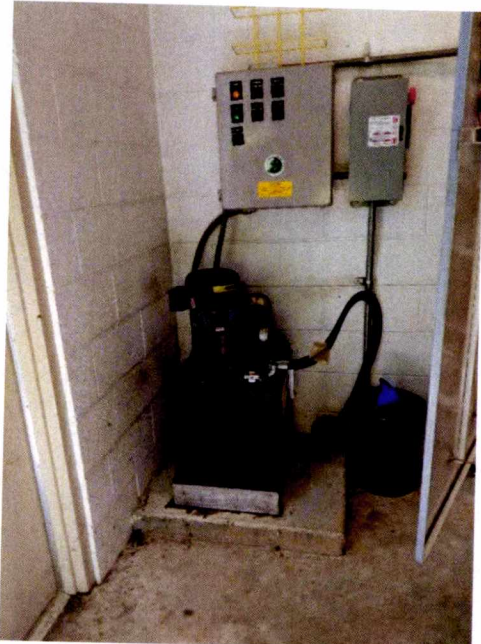


Figure 1 – Muffin Monster Control Panel

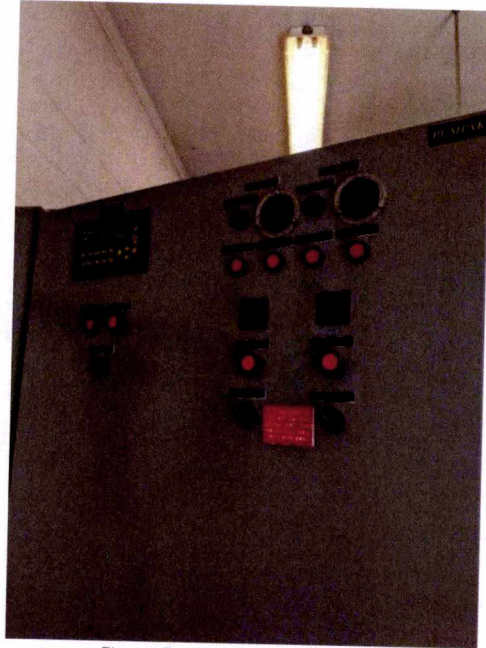


Figure 2 – Pump Control Panel

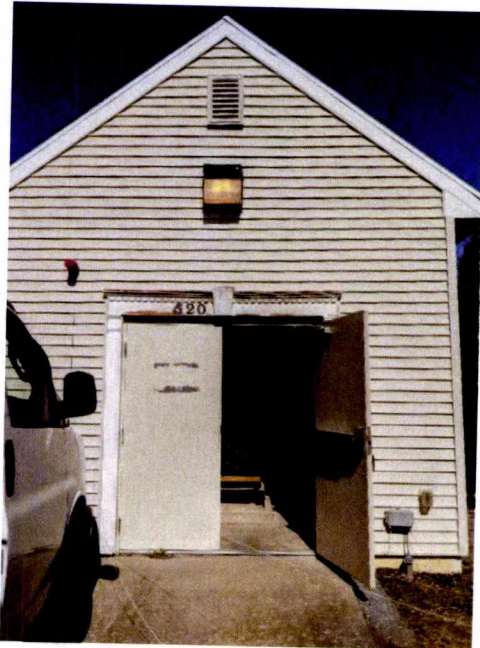


Figure 3 – Exterior



Figure 4 – Valve Vault

Appendix A-15-a

PUMP STATION				Scheduled Visit Date:	3/9/2020
Station Name		Hillview		Phone #	
Location		McElree Lane, Valley Township, PA			
Start Up Date		2003			
CODE	SUBCODE	PUMP STATION			COMMENTS
371.3		PUMP(S)			
371.3		Condition	unknown		
		No. of Pumps	2		
		Type	SUBMERSIBLE NON CLOG		
		Pump Manufacturer	FAIRBANKS MORSE		
		Pump Model Number	D5435MU		
		Year Installed	2004		
		Pump GPM	220		
		Pump TDH Ft.	178		
		Outlet Size	4"		
		Motor HP	30		
		Motor Voltage	460		
371.3		Pump Control (VFD?)	Floats		
370.3		WET WELL			
		Condition	good		
		Size	7' DIA		
		Material	CONCRETE		
		Lined	2 COATS WHITE EPOXY		
		Hatch	36" x 48" Aluminum Double door		
		Vent	8" PVC		
		Rails			
		Cable			
		Piping			
371.3		CONTROL PANEL			
		Manufacturer	Pumpak		
		Year Installed	June 25, 1905		
		Model/Serial number	D5435MU		
361		INFLUENT PIPING (IF KNOWN)			
		Material	PVC		
		Diameter	8"		
371		GRINDER			
		Manufacturer	Muffin Monster		
		Model/Serial number	30005-008-DI		
		HP	HPP, SHP		
		Year Installed	2004		
371		CRAIN/HOIST			
		Manufacturer	Thern		
		Model/Serial number	1000 LB, #5004-24776		
		Year installed	2004		
360		VALVE VAULT			
		Type	gate	check	wedge
		Manufacturer			
		Size	4"	4"	4"
		#	2	2	
		Year installed	2004	2004	2004
355		GENERATOR			
		Manufacturer	Kohler		
		Generator KW	130		
		Generator KVA	162		
		Fuel Tank (Gals)	natural gas line		
355		ATS (manf/model #)	Winter Engine KCT-AMTB-02255		
		Year Installed	2004		
360		FORCE MAIN			
		Force Main Size	4"		
		Force Main Mat.	PVC		
		Length in Feet	2640		
		Year Installed	2004/2005		
		Discharge Point	MH		
		Discharge Point Location	Haslan Lane		

4.2. COLLECTION SYSTEM

Valley Township owns the collection system in Valley Township and portions of the collection system in West Caln Township. The collection system consists of gravity piping and low pressure systems. The Township owns the portion of the laterals from the main to the curb. A map of the collection system and service areas can be found in Appendix A, Figure A1. Collection system related cost data can be found in Section 9 for the gravity mains, manholes and force mains under account codes 361.21, 361.23, and 360.21 respectively.

5. OWNED PROPERTY & EASEMENTS OF VALUE

The Township owns the properties upon which Rock Run Pump Station, Highland Corps Pump Station #1, and Country Ridge Pump Stations are located. Country Ridge and Highland Corps Pump Stations #1 properties were dedicated to the Township by the land developer that constructed the facilities. It is believed that the Rock Run Pump Station was acquired during the original sewer system construction in the 1970s. The deeds for Highland Corporate Center Pump Station #1 and Country Ridge Pump Station can be found in the following pages. Country Ridge Pump Station was dedicated to the Township for the purchase price of \$1; Highland Corporate Center Pump Station #1 was dedicated to the Township with no purchase price. The deed and purchase history for Rock Run Pump Station were not available. All three properties are included in the Section 9 – “List of Assets and Costs”.

Meeting minutes from the time of construction for the original three basins, Hayti, Rock Run, and Westwood, provide a list of requisitions for construction of the original sewer system. The total price of these 23 ROW requisitions is included in Section 9 – “List of Assets and Costs”. Parcel information for these properties is unavailable. There are a number of additional easements for the sewer system that are not provided but are believed to be of no value.

The following is a list of real property owned by the Township and easements for the pump stations owned by the Township. These easements were dedicated to the Township by the land developer that constructed the facilities and have no value.

Real Property

- 1069 William Way (Rock Run Pump Station) – Parcel ID 38-2M-126.1
- 1069 William Way (Rock Run Pump Station) – Parcel ID 38-2M-126
- 104 N Mount Airy Road (Country Ridge P.S.) – Parcel ID 28-9-82.5
- 755 Fox Chase Road (Highlands Corp. Center P.S. #1) – Parcel ID 38-2-387.1

Easements

- Highlands Corp Center P.S. #2 - Easement on Parcel ID 38-1-3.10
- Round Hill P.S. #1 - Easement on Parcel ID 38-1-23
- Round Hill P.S. #2 - Easement on Parcel ID 38-1-23

DEED OF DEDICATION

THIS INDENTURE, made this 27th day of April, A.D., 1994, between CALN DEVELOPMENT COMPANY, being the owner and party in interest in the following described property (hereinafter called "Grantor") and the VALLEY TOWNSHIP AUTHORITY, County of Chester, Commonwealth of Pennsylvania (hereinafter called "Grantee").

WITNESSETH

That the said Grantor for and in consideration of the advantages to it accruing and for diverse other considerations affecting the public welfare which they seek to advance, have granted, bargained, sold, aliened, enfeoffed, released and confirmed, and by these presents do grant, bargain, sell, alien, enfeoff, release and confirm unto the said VALLEY TOWNSHIP AUTHORITY, its successors and assigns the following property: as more fully described on the "Pump Station and Utility Easement Description" attached hereto as Exhibit "A".

TO HAVE AND TO HOLD the said property and the pumping station located thereon to the said VALLEY TOWNSHIP AUTHORITY, its successors and assigns, to and for the only property use and behoof of the said VALLEY TOWNSHIP AUTHORITY, its successors and assigns, forever as and for a pumping station, and for no other use or purpose whatsoever.

AND, the said Grantor, for itself, its successors and assigns, does by these presents further covenant, promise and agree to and with said Grantee, its successors and assigns, that the said lot of ground above described unto the said Grantee, its successors and assigns, against them the said Grantor, its heirs and assigns, and against all and any person or persons whomsoever lawfully claiming or to claim the same or any part thereof, by, from or under them or any of them shall and will warrant and forever defend.

IN WITNESS WHEREOF, the said Grantor has caused these presents to be duly executed and its common or corporate seal hereto affixed, the day and year first above written.

Witness
ATTEST:

Handwritten signature

GRANTOR:
CALN VALLEY DEVELOPMENT COMPANY

BY: LANCASTER DEVELOPMENT COMPANY,
GENERAL PARTNER

BY: *Handwritten signature*
Edward S. Hoover, Attorney-in-Fact

ATTEST:

Handwritten signature

GRANTEE:
VALLEY TOWNSHIP AUTHORITY

BY: *Handwritten signature*
William A. Robinson, Chairman

COMMONWEALTH OF PENNSYLVANIA:

COUNTY OF Lancaster :

SS

On this 21th day of February, 1994, before me, the undersigned, a notary public for the Commonwealth of Pennsylvania, residing in the County of Lancaster, personally appeared Edward Hoover, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Barbara A. Lutz
Notary Public

Notarial Seal
Barbara A. Lutz, Notary Public
East Lampeter Twp., Lancaster County
My Commission Expires Oct. 9, 1995
Member, Pennsylvania Association of Notaries

Grantee's Address
Valley Township Authority
800 West Lincoln Highway
Coatesville, PA 19320

COMMONWEALTH OF PENNSYLVANIA:

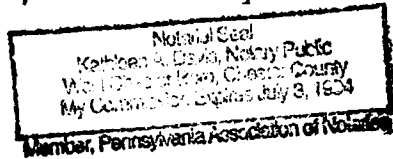
COUNTY OF *Chesler* :

SS

On this *27th* day of *April*, 1994, before me, the undersigned, a notary public for the Commonwealth of Pennsylvania, residing in the County of *Chesler*, personally appeared *William Robinson* known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Kathleen A. Davis
Notary Public



Robert C. Drake
& Associates, Inc.
Engineers, Surveyors,
Site Planners

P.O. Box 512, Suite F
701 E. Baltimore Pike
Kennett Square, PA 19348
Telephone: (215) 444-6529
Fax: (215) 444-1698

Appendix A-15-a

PUMP STATION AND UTILITY EASEMENT DESCRIPTION



ALL THAT CERTAIN easement situate in the Townships of Valley and West Caln, County of Chester, State of Pennsylvania, described according to a Final Subdivision Plan of Highlands Corporate Center prepared by NTH/Russell Associates, dated May 9, 1988 and last revised October 14, 1988, as follows to wit:

BEGINNING at a point on the northerly right of way of Fox Chase, said point being the southeast corner of lot 17 and the southwest corner of lot 16; Thence along the line between lot 17 and lot 16 north 04 degrees 02 minutes 05 seconds west, 449.25 feet to a point on line of lands of Paul M. & Helen Sands; Thence by the same south 82 degrees 05 minutes 47 seconds west, 10.00 feet to a point being the southwest corner of an easement for pump station 1; Thence by the same and through lands of Paul M. and Helen Sands the following 3 courses and distances:

- 1) North 07 degrees 54 minutes 13 seconds west, 40.00 feet to a point;
- 2) North 82 degrees 05 minutes 47 seconds east, 40.00 feet to a point;
- 3) South 07 degrees 54 minutes 13 seconds east, 40.00 feet to a point on line of lot 16;

Thence by the same south 82 degrees 05 minutes 47 seconds west, 5.00 feet to a point; Thence through lot 16 and along the easterly side of a 25' wide utility easement south 04 degrees 02 minutes 05 seconds east, 457.76 feet to a point on the northerly right of way line of Fox Chase; Thence by the same north 78 degrees 44 minutes 06 seconds west, 25.92 feet to a point being the first mentioned point of beginning.

CONTAINING 0.296 acres be they more or less.

EXHIBIT "A"



DATE: 06/20/1994 TIME: 12:56P INST NO.: 48180

CHESTER COUNTY, PA
OFFICE OF THE RECORDER OF DEEDS

RECEIPT NO :	042151	TYPE DOC :	DEED
REC FEE	:		15.00
LDC RTT	:		0.00
ST RTT	:		0.00
WRIT TAX	:		0.50

DATE: 06/20/1994 TIME: 12:56P INST NO.:

CHESTER COUNTY, PA
OFFICE OF THE RECORDER OF DEEDS

RECEIPT NO :	042151	TYPE DOC :	HOUSING
REC FEE	:		15.00
LDC RTT	:		0.00
ST RTT	:		0.00
WRIT TAX	:		0.00

Unofficial



**REALTY TRANSFER TAX
STATEMENT OF VALUE**

See Reverse for Instructions

Appendix A-15-a

RECORDER'S USE ONLY	
State Tax Paid	
Book Number	3772
Page Number	1127
Date Recorded	6/20/94

Complete each section and file in duplicate with Recorder of Deeds when (1) the full value consideration is not set forth in the deed, (2) when the deed is without consideration, or by gift, or (3) a tax exemption is claimed. A Statement of Value is not required if the transfer is wholly exempt from tax based on: (1) family relationship or (2) public utility easement. If more space is needed, attach additional sheet(s).

A CORRESPONDENT - All inquiries may be directed to the following person:

Name	Telephone Number
Randall C. Schauer, Esquire	
Street Address	Area Code (610) 436-0100
17 West Miner Street, West Chester, PA 19380	
City	State
	Zip Code

B TRANSFER DATA

Grantor(s)/Lessor(s)	Date of Acceptance of Document	Grantee(s)/Lessee(s)
Caln Development Company	April 27, 1994	Valley Township Authority
Street Address	Street Address	
1853 William Penn Way	800 West Lincoln Highway	
City	State	City
Lancaster, PA 17605		Coatesville, PA 19320
Zip Code		Zip Code

C PROPERTY LOCATION

Street Address	City, Township, Borough
Highlands Corporate Center Lot 16	partly West Caln and Valley Townships
County	School District
Chester	Coatesville Area
	Tax Parcel Number
	38-2-387

D VALUATION DATA

1. Actual Cash Consideration	2. Other Consideration	3. Total Consideration
None	+ None	= None (gift)
4. County Assessed Value	5. Common Level Rate Factor	6. Fair Market Value
\$1890	x 15.39	= \$29,087.10

E EXEMPTION DATA

1a. Amount of Exemption Claimed	1b. Percentage of Interest Conveyed
\$29,087.10	100%

2. Check Appropriate Box Below for Exemption Claimed

- Will or intestate succession _____ (Name of Decedent) _____ (Estate File Number)
- Transfer to Industrial Development Agency.
- Transfer to agent or straw party. (Attach copy of agency/straw party agreement).
- Transfer between principal and agent. (Attach copy of agency/straw trust agreement). Tax paid prior deed \$ _____
- Transfers to the Commonwealth, the United States, and Instrumentalities by gift, dedication, condemnation or in lieu of condemnation. (Attach copy of resolution). Deed of Dedication (gift)
- Transfer from mortgagor to a holder of a mortgage in default. Mortgage Book Number _____, Page Number _____
- Corrective deed (Attach copy of the prior deed).
- Statutory corporate consolidation, merger or division. (Attach copy of articles).
- Other (Please explain exemption claimed, if other than listed above.) _____

Under penalties of law, I declare that I have examined this Statement, including accompanying information, and to the best of my knowledge and belief, it is true, correct and complete.

Signature of Correspondent or Responsible Party	Date
<i>Randall C. Schauer</i>	6/17/94

(SEE REVERSE)

This Deed, made this _____ day of _____ 19____
Between, AMS Enterprises, Inc.

, a corporation organized and existing under and by
 virtue of the laws of _____
 (hereinafter called "Grantor"), of the one part, and

(hereinafter called the "Grantee"), of the other part.

Witnesseth, That in consideration of One Dollar (\$1.00)

_____ Dollars,
 in hand paid, the receipt whereof is hereby acknowledged, the said Grantor do hereby grant and convey unto the
 said Grantee Valley Twp. Authority and assigns,

All that certain lot or piece of ground with buildings and improvements thereon erected situate in the Township of West Caln, County of Chester, Commonwealth of Penna., bounded and described according to a Title Plan of "Country Ridge" made by Lester R. Andes, Of Thorndale, Pa., dated 2/15/88 and last revised 7/19/89, as follows to wit:

Beginning at a point on the West Side of Mount Airy Road (T-453), said point being in line of lands now or late of Samuel S. Mohr, Jr. Samuel S. Mohr, Sr., and Margaret K. Mohr, his wife, thence from said beginning point and along said lands, North 78 degrees 04 minutes 30 seconds West 125.00 feet to a point a corner of Lot #51 of said Plan; thence along the same the two following courses and distances (1) North 20 degrees 13 minutes 54 seconds East 103.86 feet to a point (2) South 83 degrees 11 minutes 36 seconds East 109.55 feet to a point on the West side of said Mount Airy Road; thence along the same the two following courses and distances (1) South 07 degrees 12 minutes 23 seconds West 34.42 feet to a point (2) South 13 degrees 21 minutes 00 seconds West 78.26 feet to the first mentioned point and place of beginning.

Containing 12,711 square feet be the same more or less

Being Lot #52 of the above mentioned plan.

Together with rights to use and maintain Sanitary Sewer Easements as shown on the Plan of "Country Ridge", aforesaid.

Being part of the same premises which Edward D. Marple and Leslie S. Marple, by Indenture bearing date the 1st day of October, A.D. 1986, and recorded at West Chester, Pa., in the Office of the Recorder of Deeds, in Chester County Record Book 477 page 120, granted and conveyed unto AMS Enterprises, Inc., in fee.

And the said Grantor doth hereby covenant to and with the said Grantee that, it, the said Grantor, its successors, SHALL and WILL , Warrant and forever defend the herein- above described premises, with the hereditaments and appurtenances, unto the said Grantee , and assigns, against the said Grantor and against every other person lawfully claiming or who shall hereafter claim the same or any part thereof, by, from or under it them or any of them. IN WITNESS WHEREOF, the said Grantor ha caused these present to be duly executed, the day and year first above written.

Attest:

By:

Secretary

Amos M. Stoltzfus
President

State of Penna. County of Chester

On this day of , A. D. 1991 , before me, the undersigned officer,

personally appeared Amos M. Stoltzfus , who acknowledged himself to be the

President of the said Grantor corporation, and that he, as such President, being authorized

to do so, executed the foregoing instrument, for the purposes therein contained, by signing the name of the corporation

by himself as President.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Notary Public

**MANITO TITLE
INSURANCE
COMPANY**



No. _____

Deed

The address of the Grantee is _____

_____ page _____
RDED in Deed Book _____
i under my hand and the seal of the said _____
the date above written.

Recorder of Deeds

6. REGULATORY REQUIREMENTS

The following is a list of permits in the Township's name. Included in this list is the PADEP WQM permit for Valley View Business Park Pump Station which lists Valley Township as the permittee while the pump station is owned, operated, and maintained by the developer All County Partnership.

Appendix A-15-a



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.



Appendix A-15-a

Mr. Edward Hammond

- 2 -

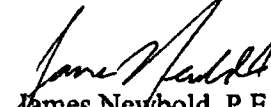
March 13, 2003

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

Appendix A-150304

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 <input type="checkbox"/> Permit Amendment <input type="checkbox"/> 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: <input type="checkbox"/> Sewage Treatment Facilities <input type="checkbox"/> Land Application Facilities <input type="checkbox"/> Average Design Flow of _____ <input checked="" type="checkbox"/> Sewers and Appurtenances <input type="checkbox"/> Impoundment(s) <input type="checkbox"/> Soil Erosion & Sedimentation Control Plan <input type="checkbox"/> Stream Crossing(s) </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Modification(s) to the construction/operation of: <input type="checkbox"/> Industrial Waste Treatment Facilities <input type="checkbox"/> Other: _____ <input type="checkbox"/> MGD consisting of: _____ <input type="checkbox"/> Pump Station(s) <input type="checkbox"/> Injection Well(s) <input type="checkbox"/> Forcemain with or without Individual Pumps <input type="checkbox"/> Outfall & Headwall(s) </td> </tr> </table>	<input checked="" type="checkbox"/> The construction/operation of: <input type="checkbox"/> Sewage Treatment Facilities <input type="checkbox"/> Land Application Facilities <input type="checkbox"/> Average Design Flow of _____ <input checked="" type="checkbox"/> Sewers and Appurtenances <input type="checkbox"/> Impoundment(s) <input type="checkbox"/> Soil Erosion & Sedimentation Control Plan <input type="checkbox"/> Stream Crossing(s)	<input type="checkbox"/> Modification(s) to the construction/operation of: <input type="checkbox"/> Industrial Waste Treatment Facilities <input type="checkbox"/> Other: _____ <input type="checkbox"/> MGD consisting of: _____ <input type="checkbox"/> Pump Station(s) <input type="checkbox"/> Injection Well(s) <input type="checkbox"/> Forcemain with or without Individual Pumps <input type="checkbox"/> Outfall & Headwall(s)
<input checked="" type="checkbox"/> The construction/operation of: <input type="checkbox"/> Sewage Treatment Facilities <input type="checkbox"/> Land Application Facilities <input type="checkbox"/> Average Design Flow of _____ <input checked="" type="checkbox"/> Sewers and Appurtenances <input type="checkbox"/> Impoundment(s) <input type="checkbox"/> Soil Erosion & Sedimentation Control Plan <input type="checkbox"/> Stream Crossing(s)	<input type="checkbox"/> Modification(s) to the construction/operation of: <input type="checkbox"/> Industrial Waste Treatment Facilities <input type="checkbox"/> Other: _____ <input type="checkbox"/> MGD consisting of: _____ <input type="checkbox"/> Pump Station(s) <input type="checkbox"/> Injection Well(s) <input type="checkbox"/> Forcemain with or without Individual Pumps <input type="checkbox"/> 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> AMENDMENT ISSUED: DATE _____	DEPARTMENT OF ENVIRONMENTAL PROTECTION BY: <u><i>Jane J. Feild</i></u> TITLE: <u>Regional Manager, Water Management</u>		

Appendix A-15-a
Page 2 of 2

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

2 East Main Street
Norristown, PA 19401
July 6, 2007

Southeast Regional Office

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

Ms. Karen Chandler
Township Secretary
Valley Township
P.O. Box 467
890 West Lincoln Highway
Coatesville, PA 19320

Re: PA American Water Company – Coatesville WWTF
Valley View Subdivision
Application No. WQG02-150710
File Type: Permit
Valley Township
Chester County

Dear Ms. Chandler:

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.

A Water Quality Management Permit must be obtained from the Department of Environmental Protection (Department) prior to constructing the permanent pump station that is associated with the capped 6-inch force main.

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. Karen Chandler

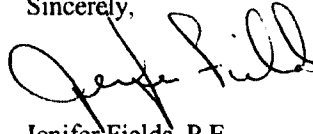
- 2 -

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,

A handwritten signature in black ink, appearing to read "Jenifer Fields". The signature is written in a cursive, flowing style.

Jenifer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Mr. Hudson, P.E. – Evans Mill Environmental, Inc.
Facilities Chief
Operations Section
Mr. Sheckler
Re 30 (joh07wqm)172-1



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 WQG02150710

<p>A. PERMITTEE (Name and Address): Valley Township P.O. Box 467 890 W. Lincoln Highway Coatesville, PA 19320</p> <p>CLIENT ID#: 81247</p>	<p>B. PROJECT/FACILITY (Name): Valley View Subdivision</p> <p>C. LOCATION (County, Municipality): Chester County Valley Township</p>
<p>D. This General Permit approves the construction and operation of:</p> <p><input checked="" type="checkbox"/> SEWER EXTENSION</p> <p><input checked="" type="checkbox"/> PUMP STATION</p>	
<p>E. APPROVAL GRANTED BY THIS GENERAL PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. All construction, operations and procedures shall be in accordance with the <i>Domestic Wastewater Facilities Manual</i>.</p> <p>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.</p> <p>2. The attached conditions apply to this General Permit and are hereby made part of same.</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 NOI 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 General Permit shall void the authority given to the permittee by the issuance of this General Permit.</p> <p>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.</p>	
<p>PERMIT ISSUED: July 6, 2007</p>	<p>BY: <u></u></p> <p>TITLE: <u>Water Management Program Manager</u></p>



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.	WQG02150710
Facility Type	Pump Station
All of the above information should be taken directly from the Water Quality Management Permit.	
CERTIFICATION	
<p>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.</p>	
<p>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.</p>	
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 _____



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

Appendix A-15-a

November 23, 2010

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

Re: Keystone Foods Pump Station Re-Rate
Permit No. WQG02-150710 A1
File Type: Amendment
Valley Township
Chester County

Dear Mr. Koon:

Your permit is enclosed. This amendment re-rates the capacity of the Keystone Foods Pump Station from 3,413 gpd to 5,513 gpd. All other conditions remain the same. Please review the permit conditions and the supporting documentation.


Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, 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.

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

484.250.5970 | Fax 484.250.5971

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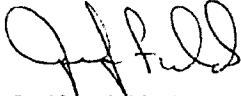
Mr. Grover Koon, Chairman

- 2 -

November 23, 2010

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

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Mr. Edward F. Rasiul, P.E. – Pennoni Associates, Inc.
Mr. Dan Hudson, P.E. – Evans Mill Environmental, LLC ✓
Operations Section
Re 30 (CM10WQ)327-3



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 WQG02150710A1

<p>A. PERMITTEE (Name and Address): Valley Township P.O. Box 467 890 West Lincoln highway Coatesville, PA 19320</p> <p>CLIENT ID#: 81247</p>	<p>B. PROJECT/FACILITY (Name): Keystone Foods PS (aka Valley View Sub)</p> <p>C. LOCATION (County, Municipality): Chester County Valley Township</p>
<p>D. This General Permit approves the construction and operation of:</p> <p><input type="checkbox"/> SEWER EXTENSION</p> <p><input checked="" type="checkbox"/> PUMP STATION: Approved Avg. Annual – 5,513 gpd, Design Hydraulic Capacity – 37,152 gpd.</p>	
<p>E. APPROVAL GRANTED BY THIS GENERAL PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. All construction, operations and procedures shall be in accordance with the <i>Domestic Wastewater Facilities Manual</i>.</p> <p>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.</p> <p>2. The attached conditions apply to this General Permit and are hereby made part of same.</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 NOI 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 General Permit shall void the authority given to the permittee by the issuance of this General Permit</p> <p>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.</p>	
<p>PERMIT ISSUED:</p> <p style="text-align: center;">November 23, 2010</p>	<p>BY: <u></u></p> <p>TITLE: <u>Water Management Program Manager</u></p>



CERTIFIED MAIL NO. 7001 2510 0006 1769 5860
RETURN RECEIPT NO. 9590 9402 2927 7094 0157 74

Patrice Proctor
Valley Township
P. O. Box 467 890 W Lincoln Highway
Coatesville, PA 19320-0467

Re: WQM Permit - Sewage
Valley View Business Park Pump Station
Permit No. WQG02150710 A-2
Authorization ID No. 1293899
Valley Township, Chester County

Dear Ms. Proctor:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P. O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action

Ms. Patrice Proctor

- 2 -

unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

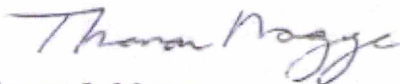
A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

During construction or upon completing construction, please contact Reza H. Chowdhury, E.I.T. at 484.250.5197 or rchowdhury@pa.gov so that an inspection of the facilities may be conducted, at DEP's discretion.

Sincerely,



Thomas L. Magge
Environmental Program Manager
Clean Water Program

Enclosures

cc: Mr. Reading – All County Partnership
Mr. Dobinsky – Montrose Environmental Group Company
Mr. McAdams – Operations Section
Chester County Health Department (w/o enclosure)
File



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

WQG-02
WATER QUALITY MANAGEMENT
GENERAL PERMIT FOR SEWER EXTENSIONS AND PUMP STATIONS
PERMIT NUMBER WQG02150710 A-2

<p>A. PERMITTEE (Name and Address): Valley Township PO Box 467 890 W Lincoln Highway Coatesville, PA 19320-0467</p> <p>CLIENT ID# 81247</p>	<p>B. PROJECT/FACILITY (Name): Valley View Business Park Pump Station</p> <p>C. LOCATION (County, Municipality): Valley Township, Chester County</p>
<p>D. This General Permit approves the construction and operation of:</p> <p><input type="checkbox"/> SEWER EXTENSION</p> <p><input checked="" type="checkbox"/> PUMP STATION Average Annual flow of 11,775 GPD, Hydraulic Design Capacity 47,100 GPD.</p>	
<p>E. APPROVAL GRANTED BY THIS GENERAL PERMIT IS SUBJECT TO THE FOLLOWING:</p> <ol style="list-style-type: none"> 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 The attached conditions apply to this General Permit and are hereby made part of same 	
<p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <ol style="list-style-type: none"> If there is a conflict between the NOI 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 General Permit shall void the authority given to the permittee by the issuance of this General Permit. This General Permit is issued pursuant to the Clean Streams Law, Act of June 22, 1937 P.L. 1987, as amended 35 P.S. §691.1 et seq. Issuance of this General Permit shall not relieve the permittee of any responsibility under any other law. 	
<p>PERMIT ISSUED: NOV 13 2018</p>	<p>BY: <u>Thomas Magee</u></p> <p>TITLE: <u>Clean Water Program Manager</u></p>

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

General

1. DEP considers the licensed professional engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility'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. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.
5. 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.
6. 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.
7. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

8. A permit or approval is required under Chapter 102 for most earth disturbance activities. A permit or registration under Chapter 105 is required for stream obstructions, crossings, etc. The permittee must secure the necessary permits, approvals or registrations under Chapters 102 and 105 prior to beginning construction.
9. 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.
10. 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.
11. 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.
12. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.
13. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification. Construction must be completed within two years of permit issue date.

Operation and Maintenance

14. 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.
15. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sewer extension or pump station.
16. 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.
17. 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.
18. The sewer extension and/or pump station shall be properly operated and maintained so that the facility will perform as designed.
19. 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.
20. 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.
21. 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.



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHEAST REGIONAL OFFICE

Appendix A-15-a

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

Printed on Recycled Paper 

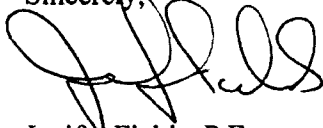
www.depweb.state.pa.us

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 "Jenifer Fields". The signature is fluid and cursive, with the first name being more prominent.

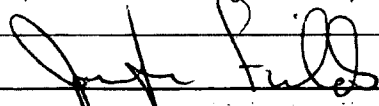
Jenifer Fields, P.E.
Regional Manager
Water Management

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</p>	<p>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>	
<p>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>		
<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: _____ 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>1502419</u>, its supporting documentation and addendums dated <u>3/18/2003</u>, 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 <u>6/10/2010</u> and its supporting documentation and addendums dated <u>2/24/2006</u>, 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 <u>N/A</u> 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, as amended 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 28, 2010</p>		<p>BY: <u></u> TITLE: <u>Water Management Program Manager</u></p>



Appendix A-15-a

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

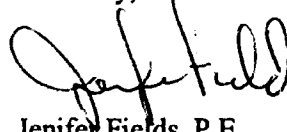
- 2 -

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,

A handwritten signature in black ink, appearing to read "Jenifer Fields". The signature is written in a cursive style with a large initial "J".

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**

A. PERMITTEE (Name and Address): Valley Township 890 W. Lincoln Highway P.O. Box 467 Coatesville, PA 19320-1943	CLIENT ID#: 81247	B. PRIMARY FACILITY (Name): Coatesville STP
---	--------------------------	---

C. LOCATION (Municipality, County): Valley Township Chester County	SITE ID#: 481242
--	-------------------------

D. **This permit approves the construction of sewerage facilities consisting of:**
Two pump stations with associated force main and the upgrade of sanitary sewer.

Pump Stations: <u>2</u> Design Capacity: <u>0.1895, 0.0491</u> MGD Average Annual Flow: <u>0.0486, 0.0117</u> MGD	Manure Storage: Volume _____ MG Freeboard: _____ inches	Industrial Wastewater/Sewage Treatment Facility: Annual Average Flow: _____ MGD Design Hydraulic Capacity: _____ MGD Design Organic Capacity: _____ lb/day
---	---	---

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 07/18/2006, its supporting documentation, and addendums dated __, 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 __ and its supporting documentation, and addendums dated __, 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 __ 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.

PERMIT ISSUED: <u>September 25, 2006</u>	BY: <u></u> TITLE: <u>Water Management Program Manager</u>
---	--



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

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

(Place a in the box that applies)

General

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

- 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

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER QUALITY MANAGEMENT PERMIT

NO. 1588447

A. PERMITTEE (Name and Address) Valley Township Authority 890 W. Lincoln Highway Coatesville, PA 19320		B. PROJECT LOCATION Municipality <u>Valley and West Clan Townships</u> County <u>Chester County</u>	
C. TYPE OF FACILITY (For industrial wastes, type of establishment) Sanitary Sewer Extension and Sewage Pumping Stations		D. NAME OF PLANT AREA SERVED OUTFALL NO. ETC Highlands Corporate Center	
E THIS PERMIT APPROVES:	1. Plans For Construction Of: <ul style="list-style-type: none"> 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 d. <input type="checkbox"/> Injection Well e. <input type="checkbox"/> Outfall & Headwall f. <input type="checkbox"/> Stream Crossing g. <input type="checkbox"/> Impoundment 		
	2. The Discharge Of: <ul style="list-style-type: none"> a. <input type="checkbox"/> Treated b. <input type="checkbox"/> Untreated c. <input type="checkbox"/> Sewage d. <input type="checkbox"/> Industrial Wastes 		
	3. Discharge To: <ul style="list-style-type: none"> a. <input type="checkbox"/> Surface Water b. <input type="checkbox"/> Ground Water N/A Name of Stream to which discharged or drainage area in which groundwater discharge takes place or impoundment is located.		
	4. Preparedness, Prevention, Contingency (PPC) Plan <input type="checkbox"/>		5. An Erosion and Sedimentation Control Plan <input checked="" type="checkbox"/> Project Area is <u>136.4</u> Acres

F. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS.

1. ALL CONSTRUCTION, OPERATIONS, PROCEDURES AND DISCHARGE SHALL BE IN ACCORDANCE WITH APPLICATION NO. 1588447 DATED 10/29/88 ITS SUPPORTING DOCUMENTATION, AND AMENDMENTS DATED 12/16/88, 11/25/88, 11/14/88 SUCH APPLICATION, ITS SUPPORTING DOCUMENTATION AND AMENDMENTS ARE HEREBY MADE A PART OF THIS PERMIT. 10/25/88
2. CONDITIONS NUMBERED 1 thru 7, 9, 13, 14, 16, 20 thru 22 OF THE Sewerage STANDARD CONDITIONS DATED 09/02/83 AND CONDITIONS NUMBERED 1 thru 12 OF THE EROSION CONTROL STANDARD CONDITIONS DATED 1985 WHICH CONDITIONS ARE ATTACHED AND MADE PART OF THIS PERMIT.
3. SPECIAL CONDITIONS DESIGNATED _____ WHICH ARE ATTACHED AND ARE MADE A PART OF THIS PERMIT.

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

1. IF THERE IS A CONFLICT BETWEEN THE APPLICATION OR ITS SUPPORTING DOCUMENTS AND AMENDMENTS AND THE STANDARD OR SPECIAL CONDITIONS, THE STANDARD OR SPECIAL CONDITIONS SHALL APPLY.
2. FAILURE TO COMPLY WITH THE RULES AND REGULATIONS OF THE DEPARTMENT OR WITH THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.
3. THIS PERMIT IS ISSUED PURSUANT TO THE CLEAN STREAMS LAW, ACT OF JUNE 22, 1937, P.L. 1887 AS AMENDED 35 P.S. 6801 ET SEQ. AND/OR THE DAM SAFETY AND ENCROACHMENTS ACT OF NOVEMBER 26, 1978, P.L. 1378, AS AMENDED, 32 P.S. 1693 ET SEQ. ISSUANCE OF THIS PERMIT SHALL NOT RELIEVE THE PERMITTEE OF ANY RESPONSIBILITY UNDER ANY OTHER LAW.

DEPARTMENT OF ENVIRONMENTAL RESOURCES

PERMIT ISSUED
DATE 12/21/88

BY Joseph A. Feola
Joseph A. Feola
Regional Water Quality Manager



CERTIFIED MAIL NO. 7001 2510 0006 1769 5860
RETURN RECEIPT NO. 9590 9402 2927 7094 0157 74

Patrice Proctor
Valley Township
P. O. Box 467 890 W Lincoln Highway
Coatesville, PA 19320-0467

Re: WQM Permit - Sewage
Valley View Business Park Pump Station
Permit No. WQG02150710 A-2
Authorization ID No. 1293899
Valley Township, Chester County

Dear Ms. Proctor:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action

Ms. Patrice Proctor

- 2 -

unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

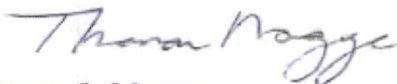
A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

During construction or upon completing construction, please contact Reza H. Chowdhury, E.I.T. at 484.250.5197 or rchowdhury@pa.gov so that an inspection of the facilities may be conducted, at DEP's discretion.

Sincerely,



Thomas L. Magge
Environmental Program Manager
Clean Water Program

Enclosures

cc: Mr. Reading – All County Partnership
Mr. Dobinsky – Montrose Environmental Group Company
Mr. McAdams – Operations Section
Chester County Health Department (w/o enclosure)
File

3800-PM-WSFR0179a 9/2005
 Post Construction Certification



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF CLEAN WATER

WQG-02
WATER QUALITY MANAGEMENT
GENERAL PERMIT FOR SEWER EXTENSIONS AND PUMP STATIONS
PERMIT NUMBER WQG02150710 A-2

A. PERMITTEE (Name and Address):

Valley Township
 PO Box 467 890 W Lincoln Highway
 Coatesville, PA 19320-0467

CLIENT ID# 81247

B. PROJECT/FACILITY (Name):

Valley View Business Park Pump Station

C. LOCATION (County, Municipality):

Valley Township, Chester County

D. This General Permit approves the construction and operation of:

- SEWER EXTENSION
- PUMP STATION Average Annual flow of 11,775 GPD, Hydraulic Design Capacity 47,100 GPD.

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

- 1 All construction, operations and procedures shall be in accordance with the *Domestic Wastewater Facilities Manual Transfers*: In the event the permittee plans to transfer ownership of the facility to another entity, the permittee and the transferee shall submit an application for such transfer to DEP. If the transfer is approved by DEP, the transferee is subject to the terms and conditions of this General Permit.
- 2 The attached conditions apply to this General Permit and are hereby made part of same.

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

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

PERMIT ISSUED:

NOV 13 2013

BY:

Thomas Dege

TITLE: **Clean Water Program Manager**

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

General

1. DEP considers the licensed professional engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility'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. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.
5. 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.
6. 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.
7. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

8. A permit or approval is required under Chapter 102 for most earth disturbance activities. A permit or registration under Chapter 105 is required for stream obstructions, crossings, etc. The permittee must secure the necessary permits, approvals or registrations under Chapters 102 and 105 prior to beginning construction.
9. 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.
10. 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.
11. 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.
12. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.
13. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification. Construction must be completed within two years of permit issue date.

Operation and Maintenance

Appendix A-15-a

14. 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.
15. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sewer extension or pump station.
16. 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.
17. 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.
18. The sewer extension and/or pump station shall be properly operated and maintained so that the facility will perform as designed.
19. 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.
20. 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.
21. Collected screenings, slurnes, 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.

7. OPERATING EXPENSES

Statement of Revenues & Expenditures
Valley Township Appendix A-15-a
For Period Ending 12/31/2019
SEWER FUND

ACCOUNT DESCRIPTION	CURRENT YEAR BUDGET	YEAR-TO-DATE ACTUAL	PRIOR YEAR BUDGET	YEAR-TO-DATE ACTUAL
08.332.1000 RESTITUTION		99,575.32		
08.341.0000 Interest Earnings	8,000.00	3,191.70	8,500.00	8,346.27
08.350.0400 PA DCED GRANT			50,000.00	
08.354.0400 PA DCED GRANT	50,000.00			
08.364.1000 Sewerage Charges			2,670,000.00	2,770,573.75
08.364.1100 CONNECTION FEES	5,000.00	972.92		
08.364.1200 SEWERAGE CHARGES	2,640,000.00	2,663,203.34		
08.364.1209 Connection Fees			10,000.00	3,829.22
08.364.1210 SEWERAGE PENALTY CHARGES	55,250.00	64,336.75		
08.364.1240 Conveyance fees	15,000.00	15,444.15	14,000.00	20,976.41
08.364.1900 Miscellaneous				0.10
08.391.2000 INSURANCE COMPENSATION FOR LOSS				65,900.00
08.392.0810 Interfund Transfer - From CSB SF MM		237,623.54		
08.392.0830 TRANSFER FROM PLGIT SEWER ACCT		35,116.77		
Totals for :				
08 (- 08)	2,773,250.00	3,119,464.49	2,752,500.00	2,869,625.75
Total Revenues	2,773,250.00	3,119,464.49	2,752,500.00	2,869,625.75
08.427.4300 Sewage Treatment Costs		237,882.94		
08.429.1100 SALARIES - WAGES SECRETARIES			31,065.00	56,809.41
08.429.1120 Salary - Administration	40,045.00	44,201.80		
08.429.1400 Salary - Public Works	28,000.00	10,358.88		
08.429.1800 Salary - Overtime	8,400.00	8,665.21		
08.429.2100 OFFICE SUPPLIES		489.04	3,000.00	1,564.41
08.429.2150				

Statement of Revenues & Expenditures
Valley Township Appendix A-15-a
For Period Ending 12/31/2019
SEWER FUND

ACCOUNT DESCRIPTION	CURRENT YEAR BUDGET	YEAR-TO-DATE ACTUAL	PRIOR YEAR BUDGET	YEAR-TO-DATE ACTUAL
Postage	3,000.00	1,451.49		
08.429.2200				
BANK CHARGES			45.00	
08.429.2270				
Sanitation Supplies	2,300.00	1,647.80		
08.429.2300				
TELEPHONE			3,800.00	3,138.64
08.429.2390				
Diesel Fuel for Emergency Generators	900.00	823.03		
08.429.2391				
Propane for Emergency Generators	1,600.00	234.64		
08.429.3100				
SOLICITOR FEES		203.50		
08.429.3109				
ENGINEERING			30,000.00	34,016.25
08.429.3110				
Audit Services	3,423.00	5,812.67		
08.429.3130				
Engineering	25,000.00	21,148.25		
08.429.3140				
LEGAL FEES		138.75		
08.429.3200				
LEGAL				92.50
08.429.3210				
Telephone	3,150.00	3,182.32		
08.429.3300				
AUDIT			4,800.00	32,817.24
08.429.3400				
FACILITY & OFFICE EXPENSE			47,895.00	
08.429.3410				
BENEFIT ALLOCATION			64,805.00	
08.429.3420				
Printing	2,800.00	300.00		
08.429.3610				
ELECTRICITY	16,500.00	15,874.49		
08.429.3720				
Maint & Repair Contracted Svc	34,689.00	68,700.47		
08.429.3800				
Sewage Treatment Costs	2,600,000.00	2,728,345.98		
08.429.4300				
SEWAGE TREATMENT COSTS			2,338,000.00	3,183,866.04
08.429.4500				
ELECTRICITY			15,100.00	17,198.06
08.429.4600				
MAINTENANCE & REPAIRS			35,000.00	72,992.61
08.429.4610				

Statement of Revenues & Expenditures
Valley Township Appendix A-15-a
For Period Ending 12/31/2019
SEWER FUND

ACCOUNT DESCRIPTION	CURRENT YEAR BUDGET	YEAR-TO-DATE ACTUAL	PRIOR YEAR BUDGET	YEAR-TO-DATE ACTUAL
ROAD CREW SALARIES			65,770.00	37,568.12
08.429.4620				
I&I			25,000.00	625.00
08.429.4630				
UPGRADE TO SYSTEM - PA DCED GRANT PROJECTS			50,000.00	
08.429.4700				
SUPPLIES & EQUIPMENT			6,000.00	4,348.51
08.429.4900				
MISCELLANEOUS			950.00	
08.429.6100				
CAPITAL CONST. PA DCED GRANT	110,500.00			
08.482.4100				
Judgements & Damages		2,000.00		
08.491.0000				
REFUND OF PRIOR YEARS REVENUES		1,058.20		
08.492.0100				
Interfund Transfer to Gen Fund - Benefit Allocati	60,406.00			
08.492.0800				
INTERFUND TRANSFER - SEWER FUND - NEW BANK ACCT		272,740.31		
Totals for :				
08 (- 08)	2,940,713.00	3,425,259.77	2,721,230.00	3,445,036.79
Total Expenditures	2,940,713.00	3,425,259.77	2,721,230.00	3,445,036.79
Excess of Revenues over Expenditures for Report	-167,463.00	-305,795.28	31,270.00	-575,411.04

8. FUTURE CAPITAL PROJECTS

There are no scheduled capital improvement projects at this time. Below is a list of future potential projects that have not been formalized by the Township.

- Rock Run Pump Station Bypass Pump
- SCADA System for all Pump Stations
- Hayti Basin: Clean & Televis
- Hayti Basin: Inflow & Infiltration and Structural Repairs
- Rock Run Basin: Inflow & Infiltration Inspection and Repairs
- Westwood Basin: Inflow & Infiltration Inspection and Repairs
- Round Hill Pump Station #1 Muffin Monster
- Install Meters and Data Logger at Country Ridge Pump Station
- Install Meters and Data Logger at Highlands Corporate Center Pump Station
- Install Data Logger at Hillview Pump Station

9. LIST OF ASSETS AND COSTS

LOCATION	ASSET	CODE	YEAR	QUANTITY	UNITS	ORIGINAL COST
Beacon Hill						
	8" SDR 35	361.21	1994	7,743	LF	\$ 200,484.14
	Doghouse Manholes	361.23	1994	2	EA	\$ 7,710.99
	Drop Manholes	361.23	1994	2	EA	\$ 8,409.69
	Manholes	361.23	1994	42	EA	\$ 116,126.64
	4" PVC Laterals	363.20	1994	4,131	LF	\$ 92,317.87
Country Club Valley						
	10" DIP	361.21	1990	123	LF	\$ 4,677.08
	10" SDR 35	361.21	1990	1,844	LF	\$ 66,138.08
	6" SDR 35	361.21	1990	207	LF	\$ 4,605.85
	8" SDR 35	361.21	1990	10,543	LF	\$ 244,897.80
	Manholes	361.23	1990	68	EA	\$ 126,717.89
	4" PVC Laterals	363.20	1990	5,492	LF	\$ 99,643.81
Country Ridge						
	4" SDR 35 Force Main	360.21	1990	1,956	LF	\$ 24,100.72
	8" SDR 35	361.21	1990	7,873	LF	\$ 170,748.70
	Country Ridge PS - Electrical Work	354.30	1990	-		\$ 13,818.58
	Country Ridge PS - Generator/Propane	355.30	1990	-		\$ 21,546.90
	Country Ridge PS - Paving	354.30	1990	-		\$ 2,814.14
	Country Ridge PS - Pump St. & Valve	354.30	1990	-		\$ 50,880.75
	Country Ridge PS Property - Parcel ID# 28-9-82.5	353.30	1990	-		\$ 1.00
	Manholes	361.23	1990	38	EA	\$ 53,197.67
	4" PVC Laterals	363.20	1990	1,856	LF	\$ 17,119.56
Hillview Phase 1						
	1-1/2" PVC SCH-40 Laterals	363.20	2004	700	LF	\$ 21,693.64
	4" SDR 21 Force Main	360.21	2004	1,200	LF	\$ 27,279.90
	8" SDR 35	361.21	2004	11,299	LF	\$ 588,875.21
	Drop Manholes	361.23	2004	7	EA	\$ 36,272.70
	Isolation Valves	361.21	2004	22	EA	\$ 19,248.07
	Manholes	361.23	2004	63	EA	\$ 259,158.91
	6" PVC Laterals	363.20	2004	8,151	LF	\$ 337,063.46
	2" SDR 21 Force Main	360.21	2004	550	LF	\$ 17,481.89
Hillview Phase 2						
	4" SDR 21 Force Main	360.21	2005	1,440	LF	\$ 37,752.80
	8" SDR 35	361.21	2005	12,810	LF	\$ 608,661.19
	Drop Manholes	361.23	2005	1	EA	\$ 8,969.58
	Hillview PS	354.30	2005	-		\$ 392,983.46
	Manholes	361.23	2005	76	EA	\$ 351,529.98
	6" PVC Laterals	363.20	2005	11,895	LF	\$ 519,047.81
Highlands Corp. Center						
	3" PVC Force Main	360.21	1988	1,895	LF	\$ 51,350.26
	8" SDR 35	361.21	1988	8,030	LF	\$ 665,009.57
	Manholes	361.23	1988	34	EA	\$ 54,844.19
	Highlands Corp. Center PS#1	354.30	1988	-		\$ 48,199.24
	Highlands Corp. Center PS#1 - Site Improvements	354.30	1988	-		\$ 25,103.77
	Highlands Corp. Center PS#1 Property- Parcel ID# 38-2-387.1	353.30	1988	-		\$ -
Lincoln Highway Extension						
	8" DIP	361.21	1990	45	LF	\$ 1,365.84
	8" VCP	361.21	1990	4,431	LF	\$ 111,383.75
	Manholes	361.23	1990	18	EA	\$ 24,080.93
London Tract						
	8" SDR 35	361.21	2008	6	LF	\$ 298.55
	2" SDR 21 Force Main	360.21	2008	865	LF	\$ 21,520.83
	1.5" SDR 21 Laterals	363.20	2008	532	LF	\$ 10,588.75
	Force Main Cleanout & Tie In Manhole	360.23	2008	4	EA	\$ 20,732.97
	Curb Boxes and Valves	360.21	2008	14	EA	\$ 11,610.47
Meadowbrook						
	8" SDR 35	361.21	2003	6,219	LF	\$ 180,457.30
	Manholes	361.23	2003	32	EA	\$ 93,300.37
	6" PVC Laterals	363.20	2003	1,320	LF	\$ 76,253.00
	Stream Crossing	361.21	2003	1	EA	\$ 8,623.72
Oakcrest Phase 1						
	8" SDR 35	361.21	2005	7,007	LF	\$ 186,162.94
	Manholes	361.23	2005	39	EA	\$ 121,207.76
	6" PVC Laterals	363.20	2005	3,240	LF	\$ 83,827.88
Oakcrest Glencrest Rd						
	8" SDR 35	361.21	2005	1,289	LF	\$ 96,470.83
	Manholes	361.23	2005	8	EA	\$ 44,252.15
	2" Force Main	360.21	2005	1,030	LF	\$ 47,398.02
	1.5" Force Main	360.21	2005	365	LF	\$ 14,461.06
	6" PVC Laterals	363.20	2005	105	LF	\$ 14,356.84

LOCATION	ASSET	CODE	YEAR	QUANTITY	UNITS	ORIGINAL COST
Oakcrest Phase 2						
	8" SDR 35	361.21	2005	2,416	LF	\$ 90,912.35
	Manholes	361.23	2005	16	EA	\$ 56,688.48
	6" PVC Laterals	363.20	2005	1,860	LF	\$ 59,933.32
Hayti						
	10" Asbestos Cement	361.21	1972	6,933	LF	\$ 135,569.66
	15" Asbestos Cement	361.21	1972	106	LF	\$ 2,901.85
	8" Asbestos Cement	361.21	1972	26,704	LF	\$ 417,741.50
	Manholes	361.23	1972	154	EA	\$ 95,111.90
	Hayti Basin Sewer Rehab	361.21	2010	-		\$ 224,592.00
	4" Laterals	363.20	1972	5,759	LF	\$ 41,714.32
Rock Run						
	12" Asbestos Cement	361.21	1972	742	LF	\$ 17,411.11
	8" Asbestos Cement	361.21	1972	10,094	LF	\$ 157,904.53
	Manholes	361.23	1972	61	EA	\$ 38,169.91
	6" CIP Force Main - Original Installation (partially abandoned)	360.21	1972	917	LF	\$ 17,931.25
	10" HDPE Force Main - Replacement	360.21	1997	1,834	LF	\$ 190,699.34
	10" DIP Force Main - Replacement	360.21	2003	350	LF	\$ 18,820.86
	Rock Run PS Replacement - 10" DIP Force Main	360.21	2004	724	LF	\$ 255,729.80
	Rock Run PS Replacement - Structural	354.30	2004	-		\$ 310,396.80
	Rock Run PS Replacement - Mechanical	354.30	2004	-		\$ 357,873.40
	Rock Run PS Property - Parcel ID# 38-2M-126 & 38-2M-126.1	353.30	2004	-		\$ -
	4" Laterals	363.20	1972	2,426	LF	\$ 17,570.22
Westwood						
	15" Asbestos Cement	361.21	1972	5,991	LF	\$ 164,009.37
	18" Asbestos Cement	361.21	1972	62	LF	\$ 1,939.78
	8" Asbestos Cement	361.21	1972	32,366	LF	\$ 506,314.46
	Manholes	361.23	1972	172	EA	\$ 107,626.63
	4" Laterals	363.20	1972	7,277	LF	\$ 52,710.65
	Westwood Basin Sewer Rehab - Excavated work	361.21	2013	-		\$ 88,050.00
	Westwood Basin Sewer Rehab - Trenchless work	361.22	2014	-		\$ 52,870.00
Round Hill						
	2" DI Force Main	360.21	2008	1,230	LF	\$ 44,451.09
	4" DI Force Main	360.21	2008	905	LF	\$ 23,863.13
	6" PVC Laterals	363.20	2008	2,513	LF	\$ 168,375.49
	8" SDR 35	361.21	2008	3,809	LF	\$ 111,120.32
	Manholes	361.23	2008	17	EA	\$ 66,471.01
	Round Hill PS#1 & PS#2 - Control Building Installation	354.30	2008	-		\$ 106,533.60
	Round Hill PS#1 & PS#2 - Excavation & Site Work	354.30	2008	-		\$ 123,354.69
	Round Hill PS#1 & PS#2 - Mechanical Equipment Installed	354.30	2008	-		\$ 95,319.54
	Round Hill PS#1 & PS#2 - On-Site Electrical Work	354.30	2008	-		\$ 140,175.79
	Round Hill PS#1 & PS#2 - Precast Concrete	354.30	2008	-		\$ 28,035.16
	Round Hill PS#1 & PS#2 - Structures Installed	354.30	2008	-		\$ 16,821.09
	12" SDR 35	361.21	2008	196	LF	\$ 52,485.94
Terry Funeral Home						
	4" PVC Laterals	363.20	2005	35	LF	\$ 5,698.02
Timberlane						
	Manholes	361.23	2005	5	EA	\$ 16,387.76
	8" SDR 35	361.21	2005	890	LF	\$ 37,840.83
	4" PVC Laterals	363.20	2005	1,425	LF	\$ 61,081.65
Valley Crossing						
	8" SDR 35	361.21	1993	7,950	LF	\$ 173,629.39
	Drop Manholes	361.23	1993	1	EA	\$ 3,779.21
	Manholes	361.23	1993	45	EA	\$ 96,790.65
	4" PVC Laterals	363.20	1993	4,340	LF	\$ 76,216.55
Valley Farm						
	4" Insertion Valve	360.21	2007	1	EA	\$ 24,269.47
	4" SDR 21 Force Main	360.21	2007	340	LF	\$ 16,179.64
	8" SDR 35	361.21	2007	4,600	LF	\$ 175,388.21
	Manholes	361.23	2007	31	EA	\$ 132,938.62
	6" PVC Laterals	363.20	2007	1,500	LF	\$ 66,077.19
Valley Springs						
	8" SDR 35	361.21	1988	11,217	LF	\$ 191,451.73
	10" SDR 35	361.21	1988	5,200	LF	\$ 246,961.40
	Drop Manholes	361.23	1988	11	EA	\$ 23,972.07
	Manholes	361.23	1988	58	EA	\$ 78,280.06
	4" PVC Laterals	363.20	1988	3,760	LF	\$ 53,815.06

LOCATION	ASSET	CODE	YEAR	QUANTITY	UNITS	ORIGINAL COST
Valley View Business Park						
	2" & 6" Air Release Chamber	360.21	2008	4	EA	\$ 29,453.79
	2" SDR 21 Force Main	360.21	2008	6,185	LF	\$ 132,914.59
	6" Air Release Chamber	360.21	2008	1	EA	\$ 4,325.63
	6" SDR 26 Force Main	360.21	2008	6,425	LF	\$ 146,264.20
	8" SDR 35	361.21	2008	1,338	LF	\$ 51,884.11
	Manholes	361.23	2008	7	EA	\$ 18,223.86
Woodland Pointe						
	8" SDR 35	361.21	2008	1,250	LF	\$ 10,000.85
	Manholes	361.23	2008	5	EA	\$ 62,575.32
	4" PVC Laterals	363.20	2008	300	LF	\$ 3,478.28
Round Hill - Robinson/Oaklyn						
	6" PVC Laterals	363.20	2008	350	LF	\$ 55,576.52
	8" DIP	361.21	2008	146	LF	\$ 14,250.35
	8" SDR 35	361.21	2008	3,312	LF	\$ 232,762.23
	Manholes	361.23	2008	14	EA	\$ 80,715.20
Spruce Street						
	1.5" HDPE Force Main	360.21	2017	450	LF	\$ 29,660.40
Bulk Meter Pits						
	Charles Street Bulk Meter Pit	365.20	1970	1	EA	\$ 4,929.50
	Valley Road Bulk Meter Pit	365.20	1970	1	EA	\$ 4,929.50
ROWs						
	ROWs - Original Basins	353.20	1973	23	EA	\$ 3,367.92
Grand Total						\$ 13,389,107.55

Manholes	1,031	EA
Force Mains and Low Pressure Sewers	28,661	LF
GRAVITY PIPING		
6" SDR 35	207	LF
8" Asbestos Cement	69,164	LF
8" DIP	191	LF
8" SDR 35	109,601	LF
8" VCP	4,431	LF
10" Asbestos Cement	6,933	LF
10" DIP	123	LF
10" SDR 35	7,044	LF
12" Asbestos Cement	742	LF
12" SDR 35	196	LF
15" Asbestos Cement	6,097	LF
18" Asbestos Cement	62	LF
GRAVITY PIPING GRAND TOTAL	204,791	LF
		39 Miles

APPENDICES

APPENDIX A

SYSTEM MAPPING

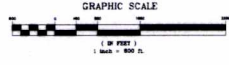
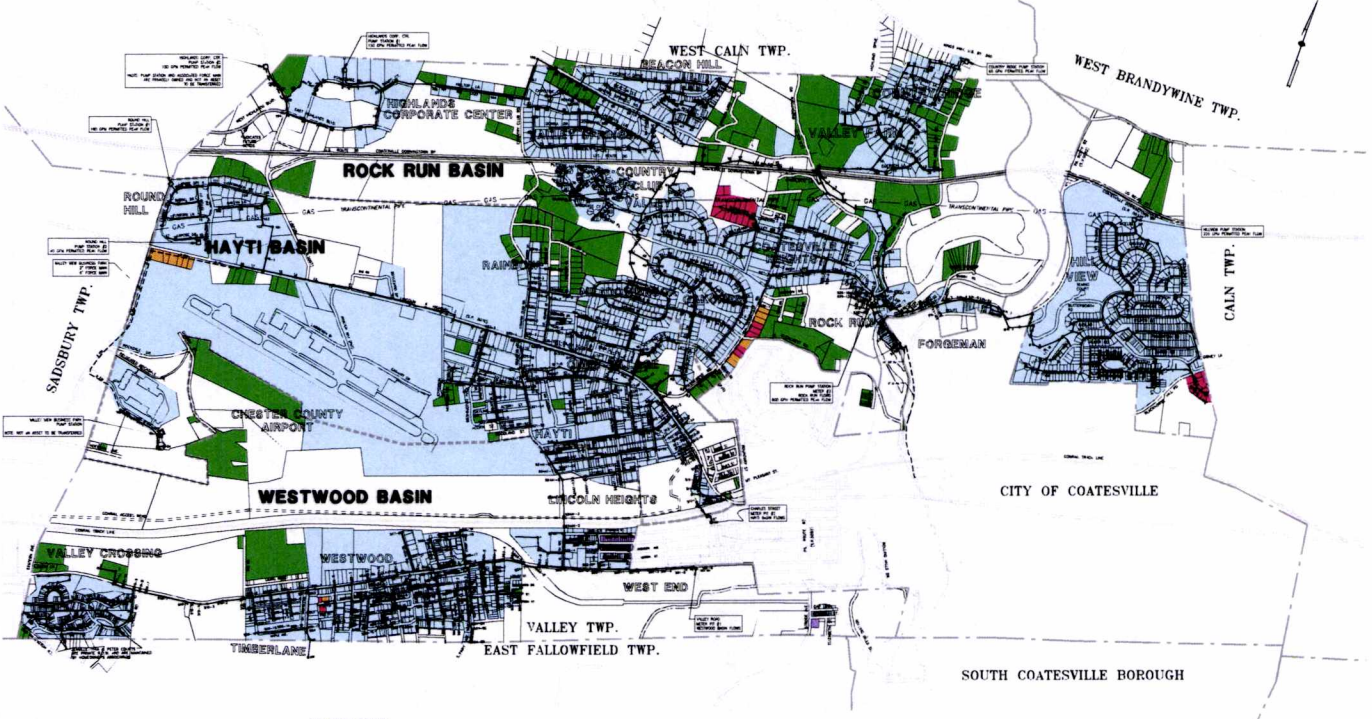
- **A1 – Sanitary Sewer System Map (EX-1)**

VALLEY TOWNSHIP SANITARY SEWER SYSTEM



Pennoni Associates Inc.
Engineers • Surveyors • Planners • Landscape Architects

100 Chestnut Hill Drive • Suite 207
West Chester, OH 45381
Tel: (513) 565-4451 Fax: (513) 565-2995



SERVICE AREAS

- EXISTING SANITARY SEWER AREAS (COLOR INDICATES SERVICE AREA)
- EXISTING SANITARY SEWER AREAS WITH SHARED PUMPS
- P-HC SEWER CUSTOMERS
- ON-LOT SEWER SYSTEMS
- PROPOSED WITH ON-LOT SEWER SYSTEMS THAT REQUIRE GROUP PUMP FOR PUBLIC SEWER CONNECTION

*BASED ON A LOW PRELIMINARY SEWER SYSTEM AVAILABLE AS THE FUNDING OF THIS PRELIMINARY DESIGN PROJECT. PLANS TO COMPLETE IN PUBLIC OR NON-PUBLIC PRELIMINARY SEWER SYSTEMS DO NOT EXIST.

LEGEND

- EXISTING SANITARY SEWER
- EXISTING FORCE MAIN
- EXISTING LATERALS

VALLEY TOWNSHIP VALLEY TOWNSHIP - CHESTER COUNTY - PENNSYLVANIA	
SANITARY SEWER SYSTEM	EX-1

PROJECT NO. VLTW 2400 DATE 05-28-2020

APPENDIX B

- **Uniform System of Accounts - Section 300**
- **PA ACT 12 of 2016**

WASTEWATER UTILITY PLANT ACCOUNTS

	<u>.1</u>	<u>.2</u>
	Intangible Plant	Collection Plant
351. Organization	351.1	XXXXXXXXXX
352. Franchises	352.1	XXXXXXXXXX
353. Land and Land Rights	XXXXXXXXXX	353.2
354. Structures and Improvements	XXXXXXXXXX	354.2
355. Power Generation Equipment	XXXXXXXXXX	355.2
360. Collection Sewers - Force	XXXXXXXXXX	360.2
361. Collection Sewers - Gravity	XXXXXXXXXX	361.2
362. Special Collecting Structures	XXXXXXXXXX	362.2
363. Services to Customers	XXXXXXXXXX	363.2
364. Flow Measuring Devices	XXXXXXXXXX	364.2
365. Flow Measuring Installations	XXXXXXXXXX	365.2
366. Reuse Services	XXXXXXXXXX	XXXXXXXXXX
367. Reuse Meters and Meter Installations	XXXXXXXXXX	XXXXXXXXXX
370. Receiving Wells	XXXXXXXXXX	XXXXXXXXXX
371. Pumping Equipment	XXXXXXXXXX	XXXXXXXXXX
374. Reuse Distribution Reservoirs	XXXXXXXXXX	XXXXXXXXXX
375. Reuse Transmission and Distribution System	XXXXXXXXXX	XXXXXXXXXX
380. Treatment and Disposal Equipment	XXXXXXXXXX	XXXXXXXXXX
381. Plant Sewers	XXXXXXXXXX	XXXXXXXXXX
382. Outfall Sewer Lines	XXXXXXXXXX	XXXXXXXXXX
389. Other Plant and Misc. Equipment	389.1	389.2
390. Office Furniture and Equipment	XXXXXXXXXX	XXXXXXXXXX
391. Transportation Equipment	XXXXXXXXXX	XXXXXXXXXX
392. Stores Equipment	XXXXXXXXXX	XXXXXXXXXX
393. Tools, Shop and Garage Equipment	XXXXXXXXXX	XXXXXXXXXX
394. Laboratory Equipment	XXXXXXXXXX	XXXXXXXXXX
395. Power Operated Equipment	XXXXXXXXXX	XXXXXXXXXX
396. Communication Equipment	XXXXXXXXXX	XXXXXXXXXX
397. Miscellaneous Equipment	XXXXXXXXXX	XXXXXXXXXX
398. Other Tangible Plant	XXXXXXXXXX	XXXXXXXXXX

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WASTEWATER UTILITY PLANT ACCOUNTS

<u>.3</u>	<u>.4</u>	<u>.5</u>	<u>.6</u>	<u>.7</u>
System Pumping Plant	Treatment and Disposal Plant	Reclaimed Water Treatment Plant	Reclaimed Water Distribution Plant	General Plant
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
353.3	353.4	353.5	352.6	353.7
354.3	354.4	354.5	353.6	354.7
355.3	355.4	355.5	354.6	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	355.6	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	366.6	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	367.6	XXXXXXXXXX
370.3	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
371.3	XXXXXXXXXX	371.5	371.6	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	374.5	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	375.6	XXXXXXXXXX
XXXXXXXXXX	380.4	380.5	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	381.4	381.5	XXXXXXXXXX	XXXXXXXXXX
XXXXXXXXXX	382.4	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
389.3	389.4	389.5	389.6	XXXXXXXXXX
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	390.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	391.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	392.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	393.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	394.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	395.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	396.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	397.7
XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	398.7

Appendix A-15-a

WASTEWATER UTILITY PLANT ACCOUNTS

The wastewater utility plant accounts have been designed utilizing an account matrix. The matrix employs a list of object accounts which in effect act as control accounts. The object accounts are further segregated by the matrix into classifications by functions or subaccount. The instructions for segregating the object accounts to the function subaccount are contained in Accounting Instruction 32. Listed below are the object account descriptions.

351. Organization

This account shall include all fees paid to federal or state governments for the privilege of incorporation and expenditures incident to organizing the corporation, partnership or other enterprise and putting it into readiness to do business. A sample of items to be included in this account are listed below.

1. Actual cost of obtaining certificates authorizing an enterprise to engage in the public utility business.
2. Fees and expenses for incorporation.
3. Fees and expenses for mergers or consolidations.
4. Office expenses incident to organizing the utility.
5. Stock and minute books and corporate seal.

Note A:--This account shall not include any discounts upon securities issued or assumed; nor shall it include any costs incident to negotiating loans, selling bonds or other evidences of debt, or expenses in connection with the authorization, issuance and sale of capital stock.

Note B:--Exclude from this account and include in the appropriate expense account the cost of preparing and filing papers in connection with the extension of the term of incorporation unless the first organization costs have been written off. Where charges are made to this account for expenses incurred in mergers, consolidations or reorganizations, amounts previously included herein or in similar accounts in the books of the companies concerned shall be excluded from this account.

352. Franchises

A. This account shall include amounts paid to the federal government, to a state or to a political subdivision thereof in consideration for franchises, consents or certificates, running in perpetuity or for a specified term of more than one year, together with necessary and reasonable expenses incident to procuring such franchises, consents or certificates of permission and approval, including expenses of organizing and merging separate corporations, where statutes require solely for the purpose of acquiring franchise.

WASTEWATER UTILITY PLANT ACCOUNTS

B. If a franchise or certificate is acquired by assignment, the charge to this account in respect thereof shall not exceed the amount paid therefor by the utility to the assignor, nor shall it exceed the amount paid by the original grantee, plus the expense of acquisition to such grantee. Any excess of the amount actually paid by the utility over the amount specified shall be charged to account 426 - Miscellaneous Nonutility Expenses.

C. When any franchise has expired, the book cost thereof shall be credited hereto and charged to account 426 - Miscellaneous Nonutility Expenses, or to account 110.1 - Accumulated Amortization of Utility Plant in Service, as appropriate.

D. Records supporting this account shall be kept so as to show separately the book cost of each franchise.

Note:--Annual or other periodic payments under franchises shall not be included herein but in the appropriate expense account.

353. Land and Land Rights

This account shall include the cost of land and land rights used in connection with wastewater collection, pumping, treatment and disposal, reclaimed water treatment and distribution and general plant operations (See Accounting Instruction 24). A sample of items to be included in this account are listed below:

1. Bulkheads buried, not requiring maintenance or replacement.
2. Cost, first, of acquisition including mortgages and other liens assumed (but not subsequent interest thereon).
3. Condemnation proceedings, including court and counsel costs.
4. Consents and abutting damages, payment for.
5. Conveyancers' and notaries' fees.
6. Fees, commissions, and salaries to brokers, agents, and others in connection with the acquisition of the land or land rights.
7. Leases, cost of voiding upon purchase to secure possession of land.
8. Removing, relocating, or reconstructing property of others, such as buildings, highways, railroads, bridges, cemeteries, churches, telephone and power lines, etc., in order to acquire quiet possession.
9. Retaining walls unless identified with structures.
10. Special assessments levied by public authorities for public improvements on the basis of benefits for new

WASTEWATER UTILITY PLANT ACCOUNTS

- roads, new bridges, new sewers, new curbing, new pavements, and other public improvements, but not taxes levied to provide for the maintenance of such improvements.
11. Surveys in connection with the acquisition, but not amounts paid for topographical surveys and maps where such costs are attributable to structures or plant equipment erected or to be erected or installed on such land.
 12. Taxes assumed, accrued to date of transfer of title.
 13. Title, examining, clearing, insuring and registering in connection with the acquisition and defending against claims relating to the period prior to the acquisition.
 14. Appraisals prior to closing title.
 15. Cost of dealing with distributees or legatees residing outside of the state or county, such as recording power of attorney, recording will or exemplification of will, recording satisfaction of state tax.
 16. Filing satisfaction of mortgage.
 17. Documentary stamps.
 18. Photographs of property at acquisition.
 19. Fees and expenses incurred in the acquisition of sewer rights, and grants.
 20. Cost of fill to extend bulkhead line over land under water, where riparian rights are held, which is not occasioned by the erection of a structure.
 21. Sidewalks and curbs constructed by the utility on public property.
 22. Labor and expenses in connection with securing rights of way, where performed by company employees and company agents.

354. Structures and Improvements

This account shall include the cost in place of structures and improvements used in connection with wastewater collection, pumping, treatment and disposal, reclaimed water treatment and distribution and general plant operations (See Accounting Instruction 25). A sample of items to be included in this account are listed below:

1. Architects' plans and specifications including supervision.
2. Boilers, furnaces, piping, wiring, fixtures, and machinery for heating, lighting, signaling, ventilating and air conditioning systems, plumbing, vacuum cleaning systems, incinerator and smoke pipe, flues, etc.

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WASTEWATER UTILITY PLANT ACCOUNTS

3. Bulkheads, including dredging, riprap fill, piling, decking, concrete fenders, etc., when exposed and subject to maintenance and replacement.
4. Commissions and fees to brokers, agents, architects and others.
5. Conduit (not to be removed) with its contents.
6. Damages to abutting property during construction.
7. Drainage systems.
8. Elevators, cranes, hoists, etc., and the machinery for operating them.
9. Excavation, including shoring, bracing, bridging, refill and disposal of excess excavated material, cofferdams around foundations, pumping water from cofferdam during construction, test borings.
10. Fences and fence curbs (not including protective fences isolating items of equipment, which should be charged to the appropriate equipment account).
11. Fire protection systems when forming a part of a structure.
12. Flagpole.
13. Floor covering (permanently attached).
14. Foundations and piers for machinery, constructed as a permanent part of a building or other item listed herein.
15. Grading and clearing when directly occasioned by the building of a structure.
16. Intrasite communication system, poles, pole fixtures, wires and cables.
17. Landscaping, lawns, shrubbery, etc.
18. Leases, voiding upon purchase, to secure possession of structures.
19. Leased property, expenditures on.
20. Lighting fixtures and outside lighting systems.
21. Marquee, permanently attached to building.
22. Painting, first cost.
23. Permanent paving, concrete, brick, flagstone, asphalt, etc., within the property lines.
24. Partitions, including movable.
25. Permits and privileges.
26. Power boards for services to a building.
27. Refrigerating systems for general use.
28. Retaining walls except when identified with land.
29. Roadways.
30. Roofs.
31. Scales, connected to and forming a part of a structure.
32. Water and wastewater systems, for general use.
33. Sidewalks, culverts, curbs and streets constructed by the utility on its property.

WASTEWATER UTILITY PLANT ACCOUNTS

- 34. Sprinkling systems.
- 35. Stacks -- brick, steel, or concrete, when set on foundation forming part of general foundation and steelwork of a building.
- 36. Steel inspection during construction.
- 37. Storage facilities constituting a part of a building.
- 38. Storm doors and windows.
- 39. Temporary heating during construction (net cost).
- 40. Temporary water connection during construction (net cost).
- 41. Temporary shanties and other facilities used during construction (net cost).
- 42. Topographical maps.
- 43. Vaults constructed as part of a building.
- 44. Watchmen's sheds and clock systems (net cost when used during construction only).
- 45. Water meters and supply system for a building or for general company purposes.
- 46. Water supply piping, hydrants and wells.
- 47. Yard surfacing, gravel, concrete, or oil (First cost only).
- 48. Tunnels, intake and discharge when constructed as part of a structure including sluice gates and those constructed to house.

355. Power Generation Equipment

A. This account shall include the cost installed of any equipment used for the production of power principally used in pumping operations.

B. Subaccounts shall be maintained hereunder for the cost of equipment used for each type of power generating equipment.

360. Collecting Sewers - Force

This account shall include all sewers which are used to lift sewage from a low elevation to a higher elevation. The force sewer will include that pipe between the discharge outlet of the lift station and the receiving manhole.

361. Collecting Sewers - Gravity

This account shall include the installed cost of all gravity collecting sewers, interceptor, branch, trunk, lateral including service wye, and manholes and lampholes. Manholes shall be included as a separate unit of property.

362. Special Collecting Structures

Inverted siphon shall be included in this account but so

WASTEWATER UTILITY PLANT ACCOUNTS

distinctly noted; also any other special designed structures unusual to the wastewater system should be included herein but specifically noted as to what they do.

363. Services to Customers

This account shall include the installed cost of service sewers, from collection sewer to the customer's property or curb line. A sample of items to be included in this account are listed below:

1. Jointing and jointing material.
2. Manhole or clean-out.
3. Municipal inspection and permits
4. Pavement disturbed.
5. Protection of street openings.
6. Tapping saddle.
7. Service connection wye shall be included in account 363 instead of account 361 when company owns service sewers to customers property line.

364. Flow Measuring Devices

A. This account shall include the cost of flow measuring and recording equipment and initial testing used for measuring the quantity of wastewater or wastewater effluent delivered by customers, whether actually in service or held in reserve.

B. When flow measuring equipment is permanently retired from service, the amount at which it is included herein shall be credited to this account.

C. The records covering flow measuring equipment shall be so kept that the utility can furnish information as to the number of devices of each type and size in service and in reserve, as well as the location of each device included in this account.

365. Flow Measuring Installations

A. This account shall include the cost of labor employed, materials used and expenses incurred in connection with the original installation of customers' flow measuring equipment. A sample of items to be included in this account are listed below:

1. Floats, connections, flumes, or wires.
2. Special manhole, boxes, or other separate housing.

B. When a flow measuring installation is permanently retired from service, the cost thereof shall be credited to this account.

WASTEWATER UTILITY PLANT ACCOUNTS

366. Reuse Services

A. This account shall include the cost installed of reclaimed water service pipes and accessories leading to the customers' premises.

B. A complete reclaimed water service begins with the connection on the main and extends to but does not include the connection with the customer's meter. A stub service extends from the main to the property line, or the curb stop (curb stop cock).

C. Services which have been used but have become inactive shall be retired from utility plant in service immediately if there is no prospect for future use.

Items

1. Corporation stops or tees.
2. Gate valves and boxes.
3. Goose necks.
4. Jointing and jointing material.
5. Municipal inspection or permits.
6. Pavements disturbed.
7. Pipes.
8. Placing pipes and accessories.
9. Protection of street openings.
10. Service or curb boxes.
11. Service or curb stops (curb stop cocks).
12. Tapping main.
13. Tapping saddle.

367. Reuse Meters and Meter Installations

A. This account shall include the cost of meters, devices and appurtenances attached thereto, used for measuring the quantity of reclaimed water delivered to users, whether actually in service or held in reserve. It shall also include the cost of labor employed, materials used and expenses incurred in connection with the original installation of a customer's meters and devices and appurtenances attached thereto.

B. When a meter and/or meter installation is permanently retired from service, the amount at which it is included herein shall be credited to this account.

C. The records covering meters shall be so kept that the utility can furnish information as to the number of meters of each type and size in service and in reserve as well as the location of each meter included in this account.

D. A sample of items to be included in this account are listed

WASTEWATER UTILITY PLANT ACCOUNTS

below:

1. Meters, including badging and initial testing.
2. Remote meter registers.
3. Installation labor (first installation only).
4. Meter coupling.
5. Meter bars.
6. Meter yokes.
7. Meter fittings, connections and shelves.
8. Meter vaults or boxes.
9. Stops.

Note A:--This account shall not include meters for recording the output of a supply or treatment plant, or those located on mains. It includes only those meters to record reclaimed water delivered to customers, including company use and for those used elsewhere in the system if a type available for general use.

Note B:--The utility shall maintain a statistical record to show separately the number of each type and size of meter or group of types and sizes as carried in the continuing property record. Underlying records shall be kept so that the utility can determine readily for each such classification the number of company-owned meters in service (subdivided between active and inactive) and the number of meters carried herein but not in service, the latter to include meters undergoing repairs; and the number of meters in service owned by customers.

370. Receiving Wells

This account shall include the cost of constructing wells at pumping stations or at other junction points along the collecting system, used for intercepting wastewater for clearing and screening, transfer to a pumping well or otherwise further convey it along the collecting system to the treatment plant or point of final discharge. This account shall include any chemical feed apparatus and holding basins associated with the receiving well.

371. Pumping Equipment

This account shall include the cost installed of pumping equipment driven by electric power or diesel engines. A sample of items to be included in this account are listed below:

1. Motors or engines for driving pumps.
2. Pumps, including settings, gearing, shafting and belting.
3. Sewage piping within station, including valves.
4. Auxiliary equipment for motors and pumps such as oiling systems, cooling systems, condensers, etc.

WASTEWATER UTILITY PLANT ACCOUNTS

5. Electrical power lines and switching.
6. Foundations, frames, and bed plates.
7. Hoist units.

374. Reuse Distribution Reservoirs

This account shall include the cost in place of reservoirs, tanks and appurtenances used in storing reclaimed water for distribution. A sample of items to be included in this account are listed below:

1. Bridges and culverts.
2. Clearing land.
3. Dams.
4. Embankments.
5. Fences.
6. Foundations.
7. Gates and gate houses.
8. Landscaping.
9. Lighting systems.
10. Piping system within reservoirs.
11. Retaining walls.
12. Roads and paths.
13. Rust-proofing apparatus.
14. Sewer drain or storm sewer.
15. Spillways and channels.
16. Standpipes.
17. Tanks.
18. Towers.
19. Valves.

375. Reuse Transmission and Distribution System

A. This account shall include the cost installed of reclaimed water transmission and distribution mains and appurtenances. A sample of items to be included in this account are listed below:

1. Air chambers.
2. Blow-offs and overflows.
3. Bridges and culverts.
4. Electrolysis control equipment.
5. Gauges and recorders.
6. Jointing and jointing material.
7. Manholes.
8. Meters and appurtenances.
9. Municipal inspection or permits.
10. Pavement disturbed, including cutting and replacing pavement, pavement base and sidewalks.
11. Pipes.
12. Fire mains.
13. Fire Hydrants.

WASTEWATER UTILITY PLANT ACCOUNTS

B. Records supporting this account shall be so kept as to show separately the cost of mains of different sizes and types and of each tunnel, bridge, or river crossing.

380. Treatment and Disposal Equipment

This account shall include the cost installed of apparatus equipment and other facilities used for the treatment of wastewater, disposal of sewage wastes and the treatment of effluent for reuse. A sample of items to be included in this account are listed below:

1. Aeration chambers.
2. Chemical equipment.
3. Disinfection facilities.
4. Filters.
5. Imhoff tank.
6. Land fill equipment and appurtenances.
7. Monitoring equipment.
8. Oxidation pond or lagoon.
9. Sedimentation equipment.
10. Septic tank.
11. Screen unit.
12. Sludge system.
13. Trucks, tractors, or other equipment used primarily for sludge or other waste disposal.
14. Package mechanical treatment plant.
15. Sedimentation basin.
16. Sludge digestion equipment.
17. Sludge filtration or dewatering equipment.

381. Plant Sewers

This account shall include the cost installed of plant yard piping and appurtenances, and facilities required to dispose of treatment plant liquid effluent into the outfall sewer line. A sample of items to be included in this account are listed below:

1. Unit to unit sections of yard piping.
2. Valves and vaults.
3. Pipe tunnels and galleries.
4. Filter and filter backwash piping.

382. Outfall Sewer Lines

This account shall include the installed cost of sewer line carrying effluent from treatment facility to point of discharge. Includible in this account would be headwall or outlet.

WASTEWATER UTILITY PLANT ACCOUNTS

389. Other Plant and Miscellaneous Equipment

This account shall include the cost installed of all other intangible, collection system pumping, treatment and disposal, reclaimed water treatment and reclaimed water distribution plant not provided for in the foregoing accounts.

390. Office Furniture and Equipment

A. This account shall include the cost of office furniture and equipment owned by the utility and devoted to utility service, and not permanently attached to buildings, except the cost of such furniture and equipment which the utility elects to assign to other plant accounts on a functional basis. A sample of items to be included in this account are listed below:

1. Book cases and shelves.
2. Desk, chairs, and desk equipment.
3. Drafting room equipment.
4. Electronic data processing equipment.
5. Filing, storage and other cabinets.
6. Floor covering.
7. Library and library equipment.
8. Mechanical office equipment such as accounting machines, typewriters, etc.
9. Safes.
10. Tables.

B. If the utility has equipment includible in this account at more than one location, separate records shall be maintained for each location.

391. Transportation Equipment

This account shall include the cost of transportation vehicles used for utility purposes. A sample of items to be included in this account are listed below:

1. Airplanes.
2. Automobiles.
3. Bicycles.
4. Electrical vehicles.
5. Motor trucks.
6. Motorcycles.
7. Repair cars or trucks.
8. Tractors and trailers.
9. Other transportation vehicles.

WASTEWATER UTILITY PLANT ACCOUNTS

392. Stores Equipment

A. This account shall include the cost of equipment used for the receiving, shipping, handling and storage of materials and supplies.

B. If the utility has equipment includible in this account at more than one location, separate records shall be maintained for each location. A sample of items to be included in this account are listed below:

1. Chain falls.
2. Counters.
3. Cranes (portable).
4. Elevating and stacking equipment (portable).
5. Hoists.
6. Lockers.
7. Scales.
8. Shelving.
9. Storage bins.
10. Trucks, hand and power driven.
11. Wheelbarrows.

393. Tools, Shop and Garage Equipment

This account shall include the cost of tools, implements, and equipment used in construction, repair work, general shops and garages and not specifically provided for or includible in other accounts. A sample of items to be included in this account are listed below:

1. Air compressors.
2. Anvils.
3. Automobile repair shop equipment.
4. Battery charging equipment.
5. Belts, shafts and countershafts.
6. Boilers.
7. Cable pulling equipment.
8. Concrete mixers.
9. Drill presses.
10. Derricks.
11. Electric equipment.
12. Engines.
13. Forges.
14. Furnaces.
15. Foundations and settings specially constructed for and not expected to outlast the equipment for which provided.
16. Gas producers.
17. Gasoline pumps, oil pumps and storage tanks.
18. Greasing tools and equipment.

WASTEWATER UTILITY PLANT ACCOUNTS

19. Hoists.
20. Ladders.
21. Lathes.
22. Machine tools.
23. Motor driven tools.
24. Motors.
25. Pipe threading and cutting tools.
26. Pneumatic tools.
27. Pumps.
28. Riveters.
29. Smithing equipment.
30. Tool racks.
31. Vises.
32. Welding apparatus.
33. Work benches.

394. Laboratory Equipment

A. This account shall include the cost installed of laboratory equipment used for general laboratory purposes and not specifically provided for or includible in other departmental or functional plant accounts. A sample of items to be included in this account are listed below:

1. Autoclaves.
2. Barometers.
3. Cameras.
4. Centrifuge.
5. Distilling apparatus.
6. Furnaces.
7. Microscopes.
8. Ovens.
9. Pitometers.
10. Rain gauges.
11. Refrigerators.
12. Scales.
13. Sterilizers.
14. Stop watches.
15. Testing machines.
16. Therometers.
17. Voltmeters.
18. Other bacteriological, electric, chemical hydraulic or research equipment.

B. If the utility has equipment includible in this account at more than one location, separate records shall be maintained for each location.

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395. Power Operated Equipment

This account shall include the cost of power operated equipment used in construction of repair work exclusive of equipment includible in other accounts. Include, also, the tools and accessories acquired for use with such equipment and the vehicle on which such equipment is mounted. A sample of items to be included in this account are listed below:

1. Air compressors, including driving unit and vehicle.
2. Back filling machines.
3. Boring machines.
4. Bulldozers.
5. Cranes and joists.
6. Diggers.
7. Engines.
8. Pile drivers.
9. Pipe cleaning machines.
10. Pipe coating or wrapping machines.
11. Tractors - Crawler type.
12. Trenchers.
13. Other power operated equipment.

Note:--It is intended that this account include only such large units as are generally self-propelled or mounted on moveable equipment.

396. Communication Equipment

This account shall include the cost installed of telephone, telegraph and wireless equipment for general use in connection with utility operations. A sample of items to be included in this account are listed below:

1. Antennae.
2. Booths.
3. Cables.
4. Distribution boards.
5. Extension cords.
6. Gongs.
7. Handsets, manual and dial.
8. Insulators.
9. Intercommunicating sets.
10. Loading coils.
11. Operators desks.
12. Poles and fixtures used wholly for telephone and telegraph wires.
13. Radio transmitting and receiving sets.
14. Remote control equipment and lines.
15. Sending keys.
16. Storage batteries.

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17. Switchboards.
18. Teleautograph circuit connections.
19. Telegraph receiving sets.
20. Telephone and telegraph circuits.
21. Testing instruments.
22. Towers.
23. Underground conduit used wholly for telephone or telegraph wires and cable wires.

397. Miscellaneous Equipment

This account shall include the cost of equipment, apparatus, etc., used in utility operations, and which is not includible in any other account. A sample of items to be included in this account are listed below:

1. Hospital and infirmary equipment.
2. Kitchen equipment.
3. Recreation equipment.
4. Radios.
5. Restaurant equipment.
6. Soda fountains.
7. Operator's cottage furnishings.
8. Electric signs advertising the corporate name or symbol, plant or facility name, or otherwise serving only the general purpose of acquainting the public with the facilities and services of the utility.
9. Other miscellaneous equipment.

Note:--Miscellaneous equipment of the nature indicated above wherever practicable shall be included in the utility plant accounts on a functional basis.

398. Other Tangible Plant

This account shall include the cost of tangible utility plant not provided for elsewhere.

§ 1329. Valuation of acquired water and wastewater systems.

(a) Process to establish fair market value of selling utility.--Upon agreement by both the acquiring public utility or entity and the selling utility, the following procedure shall be used to determine the fair market value of the selling utility:

(1) The commission will maintain a list of utility valuation experts from which the acquiring public utility or entity and selling utility will choose.

(2) Two utility valuation experts shall perform two separate appraisals of the selling utility for the purpose of establishing its fair market value.

(3) Each utility valuation expert shall determine fair market value in compliance with the Uniform Standards of Professional Appraisal Practice, employing the cost, market and income approaches.

(4) The acquiring public utility or entity and selling utility shall engage the services of the same licensed engineer to conduct an assessment of the tangible assets of the selling utility. The assessment shall be incorporated into the appraisal under the cost approach required under paragraph (3).

(5) Each utility valuation expert shall provide the completed appraisal to the acquiring public utility or entity and selling utility within 90 days of execution of the service contract.

(b) Utility valuation experts.--

(1) The utility valuation experts required under subsection (a) shall be selected as follows:

(i) one shall be selected by the acquiring public utility or entity; and

(ii) one shall be selected by the selling utility.

(2) The utility valuation experts shall not:

(i) derive any material financial benefit from the sale of the selling utility other than fees for services rendered; or

(ii) be an immediate family member of a director, officer or employee of either the acquiring public utility, entity or selling utility within a 12-month period of the date of hire to perform an appraisal.

(3) Fees paid to utility valuation experts may be included in the transaction and closing costs associated with acquisition by the acquiring utility or entity. Fees eligible for inclusion may be of an amount not exceeding 5% of the fair market value of the selling utility or a fee approved by the commission.

(c) Ratemaking rate base.--The following apply:

(1) The ratemaking rate base of the selling utility shall be incorporated into the rate base of:

(i) the acquiring public utility during the acquiring public utility's next base rate case; or

(ii) the entity in its initial tariff filing.

(2) The ratemaking rate base of the selling utility shall be the lesser of the purchase price negotiated by the acquiring public utility or entity and selling utility or the fair market value of the selling utility.

(d) Acquisitions by public utility.--The following apply:

(1) If the acquiring public utility and selling utility agree to use the process outlined in subsection (a), the acquiring public utility shall include the following as an attachment to its application for commission approval of the acquisition filed pursuant to section 1102 (relating to enumeration of acts requiring certificate):

(i) Copies of the two appraisals performed by the utility valuation experts under subsection (a).

(ii) The purchase price of the selling utility as agreed to by the acquiring public utility and selling utility.

(iii) The ratemaking rate base determined pursuant to subsection (c) (2).

(iv) The transaction and closing costs incurred by the acquiring public utility that will be included in its rate base.

(v) A tariff containing a rate equal to the existing rates of the selling utility at the time of the acquisition and a rate stabilization plan, if applicable to the acquisition.

(2) The commission shall issue a final order on an application submitted under this section within six months of the filing date of an application meeting the requirements of subsection (d) (1).

(3) If the commission issues an order approving the application for acquisition, the order shall include:

(i) The ratemaking rate base of the selling utility, as determined under subsection (c) (2).

(ii) Additional conditions of approval as may be required by the commission.

(4) The tariff submitted pursuant to subsection (d) (1) (v) shall remain in effect until such time as new rates are approved for the acquiring public utility as the result of a base rate case proceeding before the commission. The acquiring public utility may collect a distribution system improvement charge during this time, as approved by the commission under this chapter.

(5) The selling utility's cost of service shall be incorporated into the revenue requirement of the acquiring public utility as part of the acquiring utility's next base rate case proceeding. The original source of funding for any part of the water or sewer assets of the selling utility shall not be relevant to determine the value of said assets.

(e) Acquisitions by entity.--An entity shall provide all the information required by subsection (d) (1) to the commission as an attachment to its application for a certificate of public convenience filed pursuant to section 1102.

(f) Postacquisition projects.--The following apply:

(1) An acquiring public utility's postacquisition improvements that are not included in a distribution improvement charge shall accrue allowance for funds used during construction after the date the cost was incurred until the asset has been in service for a period of four years or until the asset is included in the acquiring public utility's next base rate case, whichever is earlier.

(2) Depreciation on an acquiring public utility's postacquisition improvements that have not been included in the calculation of a distribution system improvement charge shall be deferred for book and ratemaking purposes.

(g) Definitions.--The following words and phrases when used in this section shall have the meanings given to them in this section unless the context clearly indicates otherwise:

"Acquiring public utility." A water or wastewater public utility subject to regulation under this title that is acquiring a selling utility as the result of a voluntary arm's-length transaction between the buyer and seller.

"Allowance of funds used during construction." An accounting practice that recognizes the capital costs, including debt and equity funds that are used to finance the construction costs of an improvement to a selling utility's assets by an acquiring public utility.

"Entity." A person, partnership or corporation that is acquiring a selling utility and has filed or whose affiliate has

filed an application with the commission seeking public utility status pursuant to section 1102.

"Fair market value." The average of the two utility valuation expert appraisals conducted under subsection (a)(2).

"Rate-making rate base." The dollar value of a selling utility which, for postacquisition ratemaking purposes, is incorporated into the rate base of the acquiring public utility or entity.

"Rate stabilization plan." A plan that will hold rates constant or phase rates in over a period of time after the next base rate case.

"Selling utility." A water or wastewater company located in this Commonwealth, owned by a municipal corporation or authority that is being purchased by an acquiring public utility or entity as the result of a voluntary arm's-length transaction between the buyer and seller.

"Utility valuation expert." A person hired by an acquiring public utility and selling utility for the purpose of conducting an economic valuation of the selling utility to determine its fair market value.

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2016 Amendment. Act 12 added section 1329.