3850-PM-BCW0015d 3/2016 Permit



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

PERMIT NO. 4622409	
AMENDMENT NO.	

WATER QUALITY MANAGEMENT PERMIT

APS ID. <u>1078553</u> **AUTH. ID.** <u>1422665</u>

A.	PERMITTEE (Name and Address): Andrews Robert T	CLIENT ID#: 374248		B. PROJECT/FACILITY (Name): 2800 Quarry Rd SRSTP	
	2800 Quarry Road P O Box 280				
C.	Bryn Athyn, PA_19009-8006 LOCATION (Municipality, County): Bryn Athyn Borough, Montgomery	County		SITE ID#: 841851	
D.	 D. This permit approves the construction and operation of sewage facilities consisting of: septic tank that will treat 800 gallons of sewage per day. 				
This project will generate 800 gallons of sewage per day to be treated by SFTF with a discharge to a tributary of Pennypack Creek.					
 The proposed treatment plant consists of the following treatment units: Primary treatment via a 2500-gallons of septic tanks and secondary treatment via a coco filter and disinfection by a UV light. The treatment train starts with an existing single compartment septic tank followed by a 1500-gal two compartment septic tank containing a PL-122 effluent filter. Effluent from the septic tank will enter an Ecoflo EC-7 1000 P-G coco filter via gravity. Disinfection will be provided by SALCOR 3G UV UV Disinfection Unit. The final discharge to the outfall will be via gravity to a 4" SCHD 40 pipe to an outfall within an easement on Cairn Run Homeowners Association property. The outfall will discharge to an unnamed tributary that flows through wetlands and into Pennypack Creek. 					
Pun	np Stations:	Manure Storage:		Small Flow Sewage Treatment Facility (SFTF):	
Des	ign Capacity: GPM	Volume:MG		Annual Average Flow: 0.0008 MGD	
		Freeboard:inches		Design Hydraulic Capacity: 0.0008 MGD	
				Design Organic Capacity: lbs/day	
E.	APPROVAL GRANTED BY THIS PE	RMIT IS SUBJECT TO THE FOLLOV	NING:		
1.	. New Permits: All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated <u>December 12, 2023</u> , its supporting documentation.				
2.	Permit Conditions for SFTFs are atta	· · · ·			
3.	If there is a change in ownership of this facility or in permittee name, an application for transfer of permit must be submitted to the Department.				
F.					
1.	If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.				
2.	Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.				
3.	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.				
	PERMIT ISSUED:	В	BY:	Isl	
_	3/20/2023	т	TTLE:	Thomas L. Magge Clean Water Program Manager Southeast Regional Office	



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PERMIT CONDITIONS FOR SFTFs

General

- 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.
- 2. The 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.
- 3. 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.
- 4. If, at any time, the SFTF covered by this 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.
- 5. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 5 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the fifth anniversary of the permit date.
- 7. This permit does not relieve the permittee of any obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.
- 8. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confer any right, easement or interest in, on, to, or over any lands which belong to the Commonwealth.
- The authority granted by this permit is subject to all effluent requirements, monitoring requirements, and other conditions as set forth in the NPDES Permit and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

- 10. The SFTF shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications. Any deviations from approved plans or specifications so revised should, therefore, be submitted well in advance of any construction work, which will be affected by such changes to the permit to allow sufficient time for review and approval. Structural revisions or other minor changes not affecting capacities, flows or operations will be permitted during construction without approval. Upon request, "as-built drawings" clearly showing such alterations shall be filed with DEP at the completion of the work.
- 11. When construction of the approved SFTF is completed and before it is placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the WQM application and design plans submitted to DEP, using the Post Construction Certification form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the SFTF. The certification must be submitted to DEP within 30 days following completion of the SFTF, along with as-built drawings, photographs (if available), and a description of any DEP approved deviations from the NOI and design plans. The SFTF may not be placed into operation until DEP receives the completed Professional Engineer's certification.

12. 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

- 13. The permittee shall maintain SFTF 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 SFTF.
- 15. The SFTF shall be properly maintained so that the facility will perform as designed.
- 16. 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 SFTF.
- 17. 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.

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

WATER QUALITY MANAGEMENT POST CONSTRUCTION CERTIFICATION

PERMITTEE IDENTIFIER					
Permittee	Andrews Robert T				
Municipality	Municipality Bryn Athyn Borough				
County	Montgomery				
WQM Permit No.	<u>4622409</u>				
Facility Type	Sewage				
All of the above information should be taken directly from the Water Quality Management Permit.					
CERTIFICATION					
This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.					
I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.					
Construction Completion Date (MM/DD/YYYY):					
		Professional Engineer			
		Name(Please Print or Type)			
		Signature			
		Date			
		License Expiration Date			

Engin eer's Seal Permittee or Authorized Representative

Name (Please Print or Type)

Signature

Firm or Agency

Telephone

Title

Telephone