



WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): Robert D Johnson 4158 State Gamelands Road Wexford, PA 15090-7560	CLIENT ID#: 370523 B. PROJECT/FACILITY (Name): Johnson Properties SFTF
C. LOCATION (Municipality, County): Marshall Township, Allegheny County	
SITE ID#: 650569 D. This transfer approves the transfer of sewage facilities consisting of: <ul style="list-style-type: none">● A septic tank● A subsurface sand filter● A UV disinfection unit● An outfall/headwall● An Erosion and Sedimentation Control Plan for a Project Area of 0.1 acres	
Small Flow Sewage Treatment Facility (SFTF): Annual Average Flow: <u>0.0008</u> MGD	
E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING: <ol style="list-style-type: none">1. New Permits: All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated July 16, 2008, its supporting documentation and addendums dated June 14, 2008, which are hereby made a part of this permit. Transfers: Water Quality Management Permit No. 0208403 T-1 dated November 21, 2012 and conditions, supporting documentation and addendums are also made part of this transfer.2. Permit Conditions for SFTFs are attached and made part of this permit.3. Special Conditions A, B, C, D, E, F, G, H, I are attached and made part of this permit.	
F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS: <ol style="list-style-type: none">1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 <i>et seq.</i> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.	
PERMIT ISSUED: <u>June 27, 2022</u>	BY:  Dana Drake, P.E. TITLE: Environmental Program Manager Southwest Regional Office



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

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.
9. 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.



SPECIAL CONDITIONS

Water Quality Management Permit No. 0208403 T-2

Robert D Johnson

- A. The authority granted by this permit is subject to all effluent requirements, monitoring requirements, and other conditions as set forth in Part I NPDES Permit PAG046350.
- B. Prior to the disposal of sludge from the herein approved facilities, the permittee shall obtain written approval from the Department for the method of sludge disposal.
- C. The County Conservation District shall be notified prior to the start of earth moving associated with the construction of the herein approved project.
- D. The permittee shall comply with Chapter 102 of the Department's Rules and Regulations regarding erosion control. Chapter 102 requires, in part, that the erosion control plan be available at work sites at all times, that all upslope surface water be diverted away from the project areas, that runoff from project areas pass through facilities for removal of sediment, that all disturbed areas be stabilized as soon as possible after final grade or final earthmoving, that interim stabilization measures be implemented promptly where it is not possible to permanently stabilize a disturbed area immediately after final earthmoving or where the activity ceases for more than 20 days, that erosion and sedimentation control facilities be maintained until stabilization is completed, and that all unnecessary and unusable control measures and facilities be removed upon completion of stabilization.
- E. The depth of sludge and scum in septic tanks shall be measured at least once a year, and the septic tanks must be cleaned whenever the sludge and scum reaches 1/3 the liquid depth of the septic tank. Annual pumping may be substituted for measurement. All septic tanks must be pumped and cleaned at least once every five (5) years, or more frequently as necessary to maintain proper operation (e.g., where the sludge or scum in the tank has reached 1/3 the liquid depth of the tank or unit) and shall submit copies of pumping records to the Department, when requested. **WASTEWATER TREATMENT TANKS CAN CONTAIN TOXIC GASES WHICH CAN KILL IN A MATTER OF MINUTES. FOR THAT REASON, HOMEOWNER SHOULD NEVER ENTER A TANK TO PERFORM MEASUREMENTS OR MAINTENANCE.**
- F. No part of the treatment facility shall be covered until it is inspected and given final written approval by the Department. The applicant shall notify the Department when the installation is completed and ready for inspection. The applicant may cover the installation upon receipt of written approval, or, in the absence of written approval or disapproval, at the expiration of 72 hours, excepting weekends and holidays, from receipt of notice to inspect. The Department may inspect and make tests at any time either before, during or after construction and may by order require an installation to be uncovered at the expense of the permittee, if the installation has been covered contrary to the provisions of this condition. When the inspection reveals that the installation of the system, water supply location or the underlying soil or geologic conditions differ from those stated in the application, the permit shall be revoked and no further construction of either the system or the building for which it is intended may take place until the permit has been reinstated.
- G. Approval of the Erosion and Sedimentation Control Plan is limited to the acreage that will be disturbed for the herein and approved construction activities.
- H. 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.
- I. The bypass of raw or inadequately treated sewage to the ground or waters of the Commonwealth as a result of the construction project is strictly prohibited.