



WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address): GenOn REMA, LLC 250 Power Plant Drive Shawville, PA 16873		CLIENT ID#: 135779	B. PROJECT/FACILITY (Name): Closed Warren Generating Station	
C. LOCATION (Municipality, County): Conewango Township, Warren County			SITE ID#: 263250	
D. This permit approves the transfer and operation of industrial wastewater facilities consisting of: Ash disposal ponds				
Pump Stations: N/A	Manure Storage:	Industrial Wastewater Treatment Facility:		
Design Capacity: N/A GPM	Volume: N/A MG	Annual Average Flow:	2.21	MGD
	Freeboard: N/A inches	Design Hydraulic Capacity:	2.21	MGD
		Design Organic Capacity:	N/A	lbs/day
E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:				
1. Transfers: Water Quality Management Permit No. 6274203 T-3 dated March 31, 2014 and conditions, supporting documentation and addendums are also made part of this transfer.				
2. Permit Conditions Relating to Industrial Wastewater are attached and made part of this permit.				
3. Special Conditions numbered A, B, C, D, E, F, G, H, I, and J are attached and made part of this permit.				
F. 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 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 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.				
PERMIT ISSUED:		BY:	<u>John A. Holden</u>	
<u>October 27, 2020</u>		TITLE:	John A. Holden, P.E. Clean Water Program Manager Northwest Regional Office	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO INDUSTRIAL WASTEWATER
For use in Water Quality Management Permits

(Check boxes that apply)

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. All relevant and non-superseded conditions of any prior Water Quality Management Permits, decrees or orders issued to the permittee or his predecessor shall be continued in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs and assigns.
- 3. The responsibility for implementing the conditions of this permit shall rest upon the owner, lessee, assignee or other party in responsible managerial charge of the operation producing the wastewaters and waste treatment facilities. Transfer of a permit to a new owner shall not be effective until said transfer has been executed and filed on forms provided by DEP and DEP approved the transfer.
- 4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or industrial waste treatment structure which discharges into or enters navigable waters and shall obtain a separate permit for any stream crossing, encroachment or change of natural stream conditions within the jurisdiction of DEP.
- 5. When construction of the approved 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. 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. 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.
- 8. Nothing herein shall be construed to be an intent on the part of DEP to approve any present or future act by the permittee, inconsistent with the permittee's lawful powers or with existing laws of this Commonwealth regulating industrial wastes and the practice of professional engineering. This permit shall not be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

Construction

- 9. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.
- 10. The facilities shall be constructed under expert engineering supervision and competent inspection, in accordance with plans, designs and other data as herein approved or amended and with the conditions of this permit.
- 11. 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 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 facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.

- 12. The DEP office that issued this permit must be contacted during construction if significant changes are proposed to the approved facilities. Significant changes include, but are not limited to changes to the type(s) of process(es) used for treatment and changes to the design capacities of tanks, impoundments, and conveyance structures or equipment by more than 5% of the original design. For projects involving PENNVEST funding, all changes should be discussed with the DEP project manager prior to implementation. DEP may require the submission of an application to amend this permit. All changes shall be documented in an attachment to the Post Construction Certification form.
- 13. 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 local Waterways Conservation Officer must be notified when explosives are to be used.

Operation and Maintenance

- 14. If at any time the industrial waste treatment facility, or the discharge of the effluent creates a public nuisance, or such discharge is causing or contributing to pollution of the waters of this Commonwealth, the permittee shall immediately adopt remedial measures acceptable to DEP.
- 15. 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.
- 16. To ensure operational efficiency and protect the waters of this Commonwealth, the permittee shall maintain skilled operators at all times.
- 17. No stormwater, sewage or other industrial wastes not specifically approved herein shall be admitted to the facilities for which this permit is issued.
- 18. These industrial waste treatment facilities shall be operated and maintained to perform as designed. In order to ensure the efficiency and proper maintenance of the treatment facilities, the permittee shall make periodic inspections to detect any impairment of structural stability, adequate capacity or other requisites which might impair the effectiveness of the approved facilities.
- 19. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 287, 288, 291, 297 and 299 (related to permits and requirements for land filling, land application, incineration and storage of industrial sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.

SPECIAL CONDITIONS

This permit is issued subject to all Rules and Regulations now in force, and the following Special Conditions:

- A. Within six months after the herein approved waste treatment works are constructed and placed in operation, the permittee shall submit to the Department evidence of the efficiency and adequacy of such works in treating the waste discharges from this establishment.
- B. The attention of the Permittee is directed to the necessity of technical control and experimentation in the operation of the proposed waste treatment works to insure the most effective chemical dosages and proper operation cycles necessary for satisfactory performance at all times.
- C. The waste material now accumulated in storage basins shall not be discharged to the river in any quantity under any circumstance; periodic inspections of the waste storage basins shall be made by the company and steps taken so that at no time shall there be seepage or leakage to the streams; and the walls of the basins shall be maintained in such condition that there shall be no danger of failure.
- D. The waste volume shall not exceed a maximum of 3.32 MGD settling lagoon discharge and 84.9 MGD cooling water discharge unless permission to discharge a larger volume to the waste treatment works shall be specifically granted in writing by the Department.
- E. Provision shall be made, by the use of a constant head device and orifice box, or equivalent, for regulating the discharge of the treated effluent so that it shall be equally distributed over the longest practicable period, in order that advantage may be taken of maximum possible dilution in the receiving stream.
- F. All silt removed from the settling basins and all dry refuse shall be disposed of at such a location and protected in such a manner that neither the silt nor the unapproved drainage therefrom will be carried to the waters of the Commonwealth.
- G. Inasmuch as the prevention of the discharge of silt to the waters of the Commonwealth requires the original and continued structure stability of the works herein approved, the retaining walls, dikes, and other structures of these works shall be so constructed as to have adequate strength to withstand all loads imposed upon them, to meet the hazards of weather, and to be sufficiently watertight to prevent the discharge of fine particles of silt through them.
- H. The sides of the settling basins shall be maintained constantly at an elevation at least 24 inches above the highest water level in the basins.
- I. At any time there is a discharge of effluent to surface waters, the depth of water at the point or points of effluent discharge shall be not less than 24 inches.
- J. The monitoring wells provided under this application must be sampled and analyzed quarterly for the following constituents:

pH	sulfates
alkalinity	manganese
iron (total)	

Following completion of the above analysis the results are to be submitted to the attention of:

Regional Geologist
Department of Environmental Protection
Clean Water Program
230 Chestnut Street
Meadville, PA 16335