

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Water Permits

625 Broadway, Albany, New York 12233

www.dec.ny.gov

MEMORANDUM SPDES Permit Equivalent

TO: Charles Gregory, DER
FROM: Alison Wasserbauer, Bureau of Water Permits, DOW
SUBJECT: SPDES Permit Equivalent: Mohonk Road Industrial Plant, DER Site ID#
3-56-023
DRAINAGE BASIN: 13 / 06
DATE: February 9, 2021

In response to your request dated September 29, 2020, attached please find the effluent limitations and monitoring requirements for the above noted remediation discharge.

The discharge consists of treated water from contaminated groundwater. The treatment system consists of a pump and treat system with bag filters and an air stripper.

The DOW does not have any regulatory authority over a discharge from a State, PRP, or Federal Superfund Site. DER will be responsible for ensuring compliance with the attached effluent limitations and monitoring requirements, and approval of all engineering submissions. The additional conditions identifies the appropriate DER contact person who will receive all effluent results, engineering submissions, and modification requests. The Regional Water Engineer should be kept apprised of the status of this discharge and, in accordance with the attached criteria, receive a copy of the effluent results for informational purposes.

If you have any questions, please call Alison Wasserbauer at 518-402-8126.

Attachment (Effluent Limitations and Monitoring Requirements)

cc: Region 3 Regional Water Engineer (via email, w/attach)
BWP Section Chief, DOW (via email, w/attach)



Department of
Environmental
Conservation

EFFLUENT LIMITATIONS & MONITORING REQUIREMENTS

OUTFALL	DISCHARGE TYPE	LATITUDE/ LONGITUDE	RECEIVING WATER and CLASS	EFFECTIVE	EXPIRING
001	Treated Remediation Wastewater	41° 48' 56" N 74° 07' 33" W	Coxing Kill and Tribs, Class C(T)	2/9/2021	2/8/2026

The discharges from the treatment facility shall be limited and monitored by the operator as specified below:

Outfall and Parameters	CAS No.	Monthly Ave. Limits	Daily Max Limits	Units	Minimum Monitoring Requirements		FN
					Measurement Frequency	Sample Type	
Outfall 001							
Flow	NA	Monitor	72,000	GPD	Continuous	Recorder	
pH	NA	-	6.5 – 8.5	SU	Monthly	Grab	
Total Suspended Solids	NA	Monitor	20	mg/L	Monthly	Grab	
Total Dissolved Solids	NA	Monitor	Monitor	mg/L	Monthly	Grab	
Methylene Chloride	75-09-2	Monitor	10	µg/L	Monthly	Grab	
Acetone	67-64-1	Monitor	50	µg/L	Monthly	Grab	
1,1-Dichloroethylene	00075-35-4	Monitor	10	µg/L	Monthly	Grab	
1,1-Dichloroethane	75-34-3	Monitor	10	µg/L	Monthly	Grab	
1,1,1-Trichloroethane	00071-55-6	Monitor	10	µg/L	Monthly	Grab	
1,2-Dichloroethane	00107-06-2	Monitor	10	µg/L	Monthly	Grab	
Carbon Tetrachloride	00056-23-5	Monitor	10	µg/L	Monthly	Grab	
1,2-Dichloroethylene (Total)	540-59-0	Monitor	10	µg/L	Monthly	Grab	
Chloroform	00067-66-3	Monitor	10	µg/L	Monthly	Grab	
Trichloroethene	00079-01-6	Monitor	10	µg/L	Monthly	Grab	
1,4-Dioxane	00123-91-1	Monitor	Monitor	µg/L	Monthly	Grab	
1,1,2-Trichloroethane	00079-00-5	Monitor	10	µg/L	Monthly	Grab	
Benzene	00071-43-2	Monitor	5.0	µg/L	Monthly	Grab	1
Toluene	00108-88-3	Monitor	5.0	µg/L	Monthly	Grab	
Iron, Total	07439-89-6	Monitor	540	µg/L	Monthly	Grab	

Footnotes:

1. Benzene analyses must achieve an MDL of 0.2 µg/L and a PWL of 0.8 µg/L

Additional Conditions:

1. Discharge is not authorized until such time as an engineering submission showing the method of treatment is approved by the Department. The discharge rate may not exceed the effective or design treatment system capacity. All monitoring data, engineering submissions and modification requests must be submitted to:



Charles Gregory
Division of Environmental Remediation
NYSDEC, 625 Broadway, Albany, New York 12233- 7015,
Tel: 518-402- 9819

With a copy sent to:

Regional Water Engineer, Region 3
100 Hillside Avenue, Suite 1W, White Plains, New York, 10603-2860
Phone: (914) 428-2505

2. Samples and measurements, to comply with the monitoring requirements specified above, must be taken from the effluent side of the final treatment unit prior to discharge to the receiving water body unless otherwise noted above.
3. Only site generated wastewater is authorized for treatment and discharge.
4. Authorization to discharge is valid only for the period noted above but may be renewed if appropriate. A request for renewal must be received 6 months prior to the expiration date to allow for a review of monitoring data and reassessment of monitoring requirements.
5. Both concentration (mg/l or $\mu\text{g/l}$) and mass loadings (lbs/day) must be reported to the Department for all parameters except flow and pH.
6. Any use of corrosion/scale inhibitors, biocidal-type compounds, or other water treatment chemicals used in the treatment process must be approved by the department prior to use.
7. This discharge and administration of this discharge must comply with the substantive requirements of 6NYCRR Part 750.



MONITORING LOCATIONS

