NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Permits
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M E M O R A N D U M

TO: Sarah Saucier, Section A, Remedial Bureau E, DER
FROM: Robert Wither, Chief, South Permit Section, BWP, DOW
SUBJECT: Dzus Fastener Remedial Cleanup, Site Number 1-52-033
DATE: December 17, 2018

In response to your e-mail request dated October 22, 2018, attached please find effluent limitations and monitoring requirements for the above noted remediation discharge.

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. Footnote 1 identifies the appropriate DER Section Chief as the place to send all effluent results, engineering submissions, and modification requests. The Regional Water Engineer should be kept appraised 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 me at 518-402-8123.

Attachment (Effluent Limitations and Monitoring Requirements)

cc: Cathy Haas, Region 1 (w/attach)
Mike Cruden, DER

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning January 1, 2019 and lasting until January 1, 2021 the discharges from the wastewater treatment facility to Willets Creek water index number AO-GSB-205 and Lake Capri, water index number AO-GSB-205-P934. Both waterbodies are Class C and discharges shall be limited and monitored by the operator as specified below:

Outfall Number and Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Monthly Avg.	Daily Max		Measurement Frequency	Sample Type
Outfall 001 – Discharges from Stream Dewatering, Sediment Dewatering, and Water Collected during Remedial Activities. Discharge to Willets Creek at Latitude: 40.704626, Longitude -73.300187					
Flow		1.0	MGD	Continuous	Recorder
pH (range)	6.5-8.5		SU	Daily	Grab
Turbidity		10	NTU	Continuous	Recorder
Aluminum, Total		6.1	mg/l	Weekly	Grab
Cadmium, Total		0.007	mg/l	Weekly	Grab
Chromium, Total		0.24	mg/l	Weekly	Grab
Cyanide, Free		0.032	mg/l	Weekly	Grab
Iron, Total		1.2	mg/l	Weekly	Grab
Lead, Total		0.01	mg/l	Weekly	Grab
Zinc, Total		0.26	mg/l	Weekly	Grab

Outfall Number and Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Monthly Avg.	Daily Max		Measurement Frequency	Sample Type
Outfall 002 – Discharges from Stream Dewatering, Sediment Dewatering, and Water Collected during Remedial Activities. Discharge to Willets Creek at Latitude: 40.699423, Longitude -73.300826					
Flow		1.0	MGD	Continuous	Recorder
pH (range)	6.5-8.5		SU	Daily	Grab
Turbidity		10	NTU	Continuous	Recorder
Aluminum, Total		6.1	mg/l	Weekly	Grab
Cadmium, Total		0.007	mg/l	Weekly	Grab
Chromium, Total		0.24	mg/l	Weekly	Grab
Cyanide, Free		0.032	mg/l	Weekly	Grab
Iron, Total		1.2	mg/l	Weekly	Grab
Lead, Total		0.01	mg/l	Weekly	Grab
Zinc, Total		0.26	mg/l	Weekly	Grab

Outfall Number and Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Monthly Avg.	Daily Max		Measurement Frequency	Sample Type
Outfall 003 – Discharges from Stream Dewatering, Sediment Dewatering, and Water Collected during Remedial Activities. Discharge to Lake Capri at Latitude: 40.697984, Longitude -73.300957					
Flow		1.44	MGD	Continuous	Recorder
pH (range)	6.5-8.5		SU	Daily	Grab
Turbidity		10	NTU	Continuous	Recorder
Aluminum, Total		6.1	mg/l	Weekly	Grab
Cadmium, Total		0.005	mg/l	Weekly	Grab
Chromium, Total		0.18	mg/l	Weekly	Grab
Cyanide, Free		0.024	mg/l	Weekly	Grab
Iron, Total		1.2	mg/l	Weekly	Grab
Lead, Total		0.007	mg/l	Weekly	Grab
Zinc, Total		0.19	mg/l	Weekly	Grab

Additional Conditions:

1. Discharge is only valid for one discharge point during remedial activities. If remediation and discharge will result in simultaneous discharges from multiple outfalls, a request to modify the discharge criteria must be submitted to the Department two (2) months prior to commencing simultaneous discharges.

2. Discharge is not authorized until 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:

   Sarah Saucier, PE
   Division of Environmental Remediation
   NYSDEC, 625 Broadway, Albany, New York 12233- 5060, 518-402-9819

   With a copy sent to:

   Regional Water Engineer, Region 1
   Cathy Haas, PE
   SUNY @ Stony Brook
   50 Circle Road
   Stony Brook, NY 11790

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. 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.

6. This discharge and administration of this discharge must comply with the substantive requirements of 6NYCRR Part 750.