

Application Type Renewal
Facility Type Industrial
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL INDUSTRIAL WASTE (IW)
AND IW STORMWATER**

Application No. PA0000183
APS ID 1052707
Authorization ID 1378092

Applicant and Facility Information

Applicant Name	<u>Wabtec U.S. Rail, Inc.</u>	Facility Name	<u>General Electric Transportation Erie</u>
Applicant Address	<u>2901 East Lake Road, Building 9-201</u> <u>Erie, PA 16531</u>	Facility Address	<u>2901 East Lake Road</u> <u>Erie, PA 16531</u>
Applicant Contact	<u>Stephanie Siford, Environmental Manager</u> <u>stephanie.siford@wabtec.com</u>	Facility Contact	<u>Stephanie Siford, Environmental Manager</u> <u>stephanie.siford@wabtec.com</u>
Applicant Phone	<u>(814) 875-4158</u>	Facility Phone	<u>(814) 875-4158</u>
Client ID	<u>347856</u>	Site ID	<u>250723</u>
SIC Code	<u>3743</u>	Municipality	<u>Lawrence Park Township</u>
SIC Description	<u>Manufacturing - Railroad Equipment</u>	County	<u>Erie County</u>
Date Application Received	<u>November 4, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>December 7, 2021</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of an NPDES Industrial Waste Permit for the discharge of IW wastewater and stormwater.</u>		

Summary of Review

Act 14 - Proof of Notification was submitted and received.

This facility is not subject to any ELGs.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS:

- A. Right of way
- B. Solids handling
- C. NPDES Permit Supersedes WQM Permits
- D. Modification or Revocation for changes to BAT or BCT

SPECIAL CONDITIONS:

- II. Chemical Additives
- III. Requirements Applicable to Stormwater Outfalls

There are no open violations in EFACTS associated with the subject Client ID (347856) as of 10/11/2022.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	10/11/2022
X		Adam J. Pesek (Lead Reviewer) Vacant / Environmental Engineer Manager	10/17/22

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>1.6 (avg) - 5.4 (max)</u>
Latitude	<u>42° 09' 8.50"</u>	Longitude	<u>-80° 01' 40.90"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>IW Process Effluent without ELG, Noncontact Cooling Water (NCCW)</u>			
Receiving Waters	<u>Unnamed Tributary to Lake Erie (WWF, MF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>123922681</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the Pennsylvania Bulletin in accordance with 25 Pa. Code § 92a.82. Upon publication in the Pennsylvania Bulletin, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the Pennsylvania Bulletin at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Outfall 001 receives wastewaters from the Engine Lab Check & Go, cooling tower and boiler blowdown, non-contact cooling water, steam condensate, RO reject water, Bldg. 60 OWS, and groundwater.

Flow from Outfall 001 goes to a sedimentation basin with an underflow weir and oil skimmer.

No modeling was performed since the discharge consists mainly of NCCW. The source water for the NCCW is from the City of Erie public water supply, which is monitored. The technology-based limits generally given for NCCW will protect the receiving stream.

Chemical Additives (Used in the last 2 years):

Chemical Name	Outfall No.	Purpose	Usage Frequency	Max Usage Rate	Units
Solus AP24	001	Internal boiler water treatment	Daily	12.51	lbs/day
Cortrol OS5300	001	Oxygen scavenger for boiler feedwater	Daily	22.71	lbs/day
Steamate NA9680	001	Condensate treatment	Daily	40.00	lbs/day
GenGard GN8113	001	Corrosion Inhibitor	Seasonal as needed	22.86	lbs/day
Spectrus NX106	001	Biocide	Seasonal as needed	3.72	lbs/day
Continuum AEC213	001	Cooling water treatment	Seasonal as needed	24.26	lbs/day

Chemical Additives (Approval Requested - all on Approved List):

Chemical Name	Outfall No.	Purpose	Usage Frequency	Max Usage Rate	Units
Solus AP24	001	Internal boiler water treatment	Daily	55	lbs/day
Cortrol OS5300	001	Oxygen scavenger for boiler feedwater	Daily	35	lbs/day
Steamate NA9680	001	Condensate treatment	Daily	75	lbs/day
GenGard GN8113	001	Corrosion Inhibitor	Seasonal as needed	170	lbs/day
Spectrus NX106	001	Biocide	Seasonal as needed	80	lbs/day
Foamtrol AF2290	001	Foam control	As needed	As needed	lbs/day

Compliance History

DMR Data for Outfall 001 (from September 1, 2021 to August 31, 2022)

Parameter	AUG-22	JUL-22	JUN-22	MAY-22	APR-22	MAR-22	FEB-22	JAN-22	DEC-21	NOV-21	OCT-21	SEP-21
Flow (MGD) Average Monthly	1.1	1.0	0.9	1.1	1.0	1.1	1.9	1.1	1.3	1.4	1.5	1.3
pH (S.U.) Instantaneous Minimum	7.4	7.4	7.5	7.5	7.4	7.3	7.2	7.5	7.6	7.6	7.6	7.8
pH (S.U.) Instantaneous Maximum	7.9	7.7	7.7	7.7	7.5	7.5	7.5	7.7	7.7	7.7	7.9	7.9
Oil and Grease (mg/L) Daily Maximum			< 5.0			< 5.6			< 5.0			< 5.0

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/week	Grab
Oil and Grease	XXX	XXX	XXX	30.0 Daily Max	XXX	30	1/quarter	Grab

Compliance Sampling Location: at Outfall 001 (at the parshall flume following the spill containment pond).

Flow is monitor only based on Chapter 92a.61. The limits for pH and Oil and Grease are technology-based on Chapter 95.2

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>002</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>42° 09' 8.60"</u>	Longitude	<u>-80° 01' 23.10"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater / Spring Discharge, Stormwater</u>			

Receiving Waters	<u>Fourmile Creek (WWF, MF)</u>	Stream Code	<u>62391</u>
NHD Com ID	<u>123922681</u>	RMI	<u>0.7</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

Background/Ambient Data		Data Source
pH (SU)	<u>-</u>	<u>-</u>
Temperature (°F)	<u>-</u>	<u>-</u>
Hardness (mg/L)	<u>-</u>	<u>-</u>
Other:	<u>-</u>	<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Monitoring for Total Suspended Solids and Oil and Grease was added under the authority of Chapter 92a.61, based on the monitoring requirements for Appendix J facilities set in the PAG-03 General Permit.

Outfall 002 is considered to represent the stormwater quality for Outfalls 003, 004, 006 & 007.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 002 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: at Outfall 002.

Monitoring for Total Suspended Solids and Oil and Grease is based on Chapter 92a.61.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>003</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>42° 08' 47.70"</u>	Longitude	<u>-80° 00' 54.90"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater / Spring Discharge, Stormwater</u>			
Receiving Waters	<u>Fourmile Creek (WWF, MF)</u>	Stream Code	<u>62391</u>
NHD Com ID	<u>123922681</u>	RMI	<u>1.4</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Monitoring for Total Suspended Solids and Oil and Grease was added under the authority of Chapter 92a.61, based on the monitoring requirements for Appendix J facilities set in the PAG-03 General Permit.

Outfall 002 is considered to represent the stormwater quality for Outfalls 003, 004, 006 & 007.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 003 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: at Outfall 003.

Monitoring for Total Suspended Solids and Oil and Grease is based on Chapter 92a.61.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>004</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>42° 08' 53.60"</u>	Longitude	<u>-80° 01' 6.90"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater / Spring Discharge, Stormwater</u>			

Receiving Waters	<u>Fourmile Creek (WWF, MF)</u>	Stream Code	<u>62391</u>
NHD Com ID	<u>123922681</u>	RMI	<u>1.2</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

Background/Ambient Data		Data Source
pH (SU)	<u>-</u>	<u>-</u>
Temperature (°F)	<u>-</u>	<u>-</u>
Hardness (mg/L)	<u>-</u>	<u>-</u>
Other:	<u>-</u>	<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Monitoring for Total Suspended Solids and Oil and Grease was added under the authority of Chapter 92a.61, based on the monitoring requirements for Appendix J facilities set in the PAG-03 General Permit.

Outfall 002 is considered to represent the stormwater quality for Outfalls 003, 004, 006 & 007.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 004 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: at Outfall 004.

Monitoring for Total Suspended Solids and Oil and Grease is based on Chapter 92a.61.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>006</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>42° 08' 25.50"</u>	Longitude	<u>-80° 01' 55.90"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater / Spring Discharge, Stormwater</u>			

Receiving Waters	<u>Unnamed Tributary to Lake Erie (WWF, MF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>123922681</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>

Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

Background/Ambient Data		Data Source
pH (SU)	<u>-</u>	<u>-</u>
Temperature (°F)	<u>-</u>	<u>-</u>
Hardness (mg/L)	<u>-</u>	<u>-</u>
Other:	<u>-</u>	<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Monitoring for Total Suspended Solids and Oil and Grease was added under the authority of Chapter 92a.61, based on the monitoring requirements for Appendix J facilities set in the PAG-03 General Permit.

Outfall 002 is considered to represent the stormwater quality for Outfalls 003, 004, 006 & 007.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 006 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: at Outfall 006.

Monitoring for Total Suspended Solids and Oil and Grease is based on Chapter 92a.61.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>007</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>42° 08' 55.70"</u>	Longitude	<u>-80° 01' 59.50"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater / Spring Discharge, Stormwater</u>			

Receiving Waters	<u>Unnamed Tributary to Lake Erie (WWF, MF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>123922681</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>PA - Canadian international boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Monitoring for Total Suspended Solids and Oil and Grease was added under the authority of Chapter 92a.61, based on the monitoring requirements for Appendix J facilities set in the PAG-03 General Permit.

Outfall 002 is considered to represent the stormwater quality for Outfalls 003, 004, 006 & 007.

007 discharges to the Lawrence Park Municipal Storm Sewer System

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 007 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: at Outfall 007.

Monitoring for Total Suspended Solids and Oil and Grease is based on Chapter 92a.61.