pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**New**	Application No.	**PA0289604**
Wastewater Type	**Sewage**	APS ID	**1041110**
Facility Type	**NSIR**	Authorization ID	**1358282**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Advanced Polymer Tech Corp**	Facility Name	**Advanced Polymer Tech**
Applicant Address	PO Box 160 109 Conica Lane	Facility Address	109 Conica Lane
	Harmony, PA 16037-0160		Harmony, PA 16037
Applicant Contact	Kristin Toth	Facility Contact	
Applicant Phone	(724) 452-3048	Facility Phone	
Applicant E Mail	bosco@advpolytech.com	Facility E Mail	
Client ID	159392	Site ID	516468
Municipality	Harmony Borough	County	Butler
SIC Code	2851	SIC Code	3589
SIC Description	Manufacturing - Paints & Allied Products,	SIC Description	Mfg - Service Industry Machinery, NEC
Application Received	June 10, 2021	WQM Required	Yes - pending
Application Accepted	June 28k. 2021	WQM App. No.	1021411

Project Description: New treated sewage discharge at an industrial site with a storm water permit.

Summary of Review

No violations are reported. Monitoring of pH, COD, TSS, Nitrate-Nitrite, phosphorus, lead, zinc, iron, and aluminum is provided in storm water NPDES permit PAG038370 issued on July 5, 2018 with Appendix F and 7 outfalls.

Proposed is a 0.01780-MGD small flow sewage treatment facility serving three buildings. The design flow population is 50.85 people at 35-gpcd and the design organic load should be 4.1-PPD BOD5 at 274-mg/L for 50.85 people.

Upon permit issuance for all discharges, the stormwater permit PAG038370 issued on July 5, 2018 with Appendix F and 7 outfalls can be cancelled as redundant and superseded. *(This permit will be issued as an Individual Industrial Stormwater NPDES permit with a sewage outfall. Therefore, the subject facility will be changed to the "IW Stormwater Individual Permit" fee category, which has an annual fee of $1,500.)* *JCD 9-1-2021*

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*

Approve	Deny	Signatures	Date
X		*William H. Mentzer* William H. Mentzer, P.E. Environmental Engineering Specialist	June 30, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	September 1, 2021

Summary of Review
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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0
Latitude DP	40º 48' 26.00"	Longitude DP	-80º 4' 53.00"
Latitude NHD	40º 48' 25.96"	Longitude NHD	-80º 4' 53.04"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		

Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.300
Drainage Area	0.66	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	940.00	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	NHD node RMI 0.23 above tributary 35086		

Assessment Status	Attaining Use(s)
Impairment Cause(s)	
Impairment Source(s)	
TMDL Status	Name

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°C)	25	WWF default
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake	Pa American		
PWS Waters	Connoquenessing Creek	Flow at Intake (cfs)	NA
PWS RMI	0.01	Distance from Outfall (mi)	25.13

Changes Since Last Permit Issuance: PA American consolidated its lower Connoquenessing Creek operations thatresulted in a new intake at the mouth of Connoquenessing Creek and inactivation of its Slippery Rock Creek intake.

Other Comments: none

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	0
Latitude DP	40º 48' 24.00"	Longitude DP	-80º 4' 53.00"
Latitude NHD	40º 48' 24.30"	Longitude NHD	-80º 4' 54.07"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.26
Drainage Area	0.69	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	939.29	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	NHD node RMI 0.19		
PWS RMI	0.01	PWS Distance from Outfall (mi)	25.1

Discharge, Receiving Waters and Water Supply Information

Outfall No.	003	Design Flow (MGD)	0
Latitude DP	40º 48' 24.00"	Longitude DP	-80º 4' 53.00"
Latitude NHD	40º 48' 24.30"	Longitude NHD	-80º 4' 54.07"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.2800
Drainage Area	0.70	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	939.54	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Node RMI 0.19 above tributary 35086		
PWS RMI	0.01	Distance from Outfall (mi)	25.11

Discharge, Receiving Waters and Water Supply Information

Outfall No.	004	Design Flow (MGD)	0
Latitude DP	40º 48' 23.00"	Longitude DP	-80º 4' 54.00"
Latitude NHD	40º 48' 21.43"	Longitude NHD	-80º 4' 55.98"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.25
Drainage Area	0.71	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	939.12	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Node RMI 0.13 above tributary 35086		
PWS RMI	0.01	PWS Distance from Outfall (mi)	25.09

Discharge, Receiving Waters and Water Supply Information

Outfall No.	005	Design Flow (MGD)	0
Latitude DP	40º 48' 23.00"	Longitude DP	-80º 4' 54.00"
Latitude NHD	40º 48' 23.36"	Longitude NHD	-80º 4' 54.81"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.2400
Drainage Area	0.71	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	938.92	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Node RMI 0.17 above tributary 35086		
PWS RMI	0.01	PWS Distance from Outfall (mi)	25.08

Discharge, Receiving Waters and Water Supply Information

Outfall No.	006	Design Flow (MGD)	0
Latitude DP	40º 48' 22.00"	Longitude DP	-80º 4' 54.00"
Latitude NHD	40º 48' 22.49"	Longitude NHD	-80º 4' 55.29"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.2300
Drainage Area	0.73	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	938.70	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Node RMI 0.15 above tributary 35086		
PWS RMI	0.01	Distance from Outfall (mi)	25.06

Discharge, Receiving Waters and Water Supply Information

Outfall No.	007	Design Flow (MGD)	0
Latitude DP	40º 48' 21.00"	Longitude DP	-80º 4' 55.00"
Latitude NHD	40º 48' 21.43"	Longitude NHD	-80º 4' 55.98"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Stormwater		
Receiving Waters	Unnamed Trib of Connoquenessing Creek	Stream Code	35085
NHD Com ID	126218467	RMI	0.2
Drainage Area	0.74	Yield (cfs/mi^2)	0.085
Q_{7-10} Flow (cfs)	0.06	Q_{7-10} Basis	Slippery Rock Boyers
Elevation (ft)	938.16	Slope (ft/ft)	0.00352
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	NHD Node 0.13 above tributary 35086		
PWS RMI	0.01	Distance from Outfall (mi)	25.03

Discharge, Receiving Waters and Water Supply Information

Outfall No.	008	Design Flow (MGD)	0.00178
Latitude DP	40º 48' 15.00"	Longitude DP	-80º 5' 0.00"
Latitude NHD	40º 48' 15.81"	Longitude NHD	-80º 5' 2.04"
Quad Name	Evans City	Quad Code	1205
Wastewater:	Manufacturing facility treated domestic wastes		

Receiving Waters	Unnamed Trib to Connoquenessing Creek		Stream Code	35085
NHD Com ID	126218469	RMI		0.0700
Drainage Area	1.18	Yield (cfs/mi^2)		0.085
Q_{7-10} Flow (cfs)	0.10	Q_{7-10} Basis		Slippery Rock Boyers
Elevation (ft)	935.72	Slope (ft/ft)		0.00352
Watershed No.	20-C	Chapter 93 Class.		WWF
Existing Use	statewide	Existing Use Qualifier		none
Exceptions to Use	none	Exceptions to Criteria		none
Comments	Stream Node RMI 0.7 above mouth. Total stream to waste flow ratio 58:1			

PWS RMI	0.01	PWS Distance from Outfall (mi)	24.9

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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001 prior to mixing with other wastes

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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 002 prior to mixing with other wastes

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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 003 prior to mixing with other wastes

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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 004 prior to mixing with other wastes

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 005, 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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 005 prior to mixing with other wastes

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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 006 prior to mixing with other wastes

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		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 007 prior to mixing with other wastes

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 008, 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 (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 008 after disinfection

Other Comments: Monthly UV bulb cleaning and annual bulb replacement