pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0233391**
Facility Type	**Storm Water**	APS ID	**1087949**
Major / Minor	**Minor**	Authorization ID	**1438733**

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

Applicant and Facility Information

Applicant Name	**Patterson Lumber Co., Inc.**	Facility Name	**Patterson Lumber Manufacturing**
Applicant Address	101 West Avenue	Facility Address	95 West Street
	Wellsboro, PA 16901-1358		Galeton, PA 16922-1113
Applicant Contact	Matthew Decamp	Facility Contact	Matthew Decamp
Applicant Phone	(814) 435-2210	Facility Phone	(814) 435-2210
Client ID	25806	Site ID	462268
SIC Code	2421	Municipality	West Branch Township
SIC Description	Manufacturing - Sawmills And Planing Mills, General	County	Potter
Date Application Received	April 28, 2023	EPA Waived?	Yes
Date Application Accepted	May 12, 2023	If No, Reason	

Purpose of Application: Renewal of a NPDES Permit.

Summary of Review

The Patterson Lumber facility is a lumber yard in West Branch Township, Potter County which includes a sawmill and lumber drying facility. A map indicating the facility and discharge location is attached.

Permit number PAS224801 will be changed to PA0233391 with the final issuance of this draft permit.

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.

Approve	Deny	Signatures	Date
X		Keith C. Allison Keith C. Allison / Project Manager	October 16, 2023
X		N. W. H. Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	October 16, 2023

Stormwater Discharges from Industrial Activities

Five storm water outfalls have been identified for the facility, all along West Branch Pine Run (HQ-CWF).

As a SIC code 2421 facility, it would be subject to Appendix D of the PAG-03 General Permit for the Discharge of Stormwater from Industrial Activities. Appendix D currently requires twice per year sampling for Total Nitrogen (new), Total Phosphorus (new), pH, Chemical Oxygen Demand, and Total Suspended Solids. Additional parameters are required for facilities conducting chemical treatment, but no treatment is conducted here.

Therefore, the permit will include twice per year stormwater sampling for pH, COD and TSS as well as applicable BMPs from Appendix D. The PAG03 also includes Benchmark values of 9.0 of pH, 100 mg/L for TSS, and 120 mg/L for COD which will be included in Part C of this NPDES permit. Permit conditions require a Corrective Action Plan be developed if the benchmark values are exceeded for two consecutive monitoring periods.
noted above.

Outfall No.	001	Drainage Area (ft^2)	261,360
Latitude	41º 43' 33"	Longitude	-77º 39' 74"
	Description of area drained:	Log and bark storage and highway drainage	
Outfall No.	002	Drainage Area (ft^2)	130,680
Latitude	41º 43' 34"	Longitude	-77º 39' 44"
	Description of area drained:	Log grading, log storage and driveways	
Outfall No.	003	Drainage Area (ft^2)	43,560
Latitude	41º 43' 35"	Longitude	-77º 39' 44"
	Description of area drained:	Driveways for forklifts and trucks	
Outfall No.	004	Drainage Area (ft^2)	87,120
Latitude	41º 43' 35"	Longitude	-77º 39' 42"
	Description of area drained:	Driveways for forklifts and trucks	
Outfall No.	005	Drainage Area (ft^2)	174,240
Latitude	41º 43' 38"	Longitude	-77º 39' 41"
	Description of area drained:	Driveways for forklifts and trucks and lumber storage	

Quad Name Galeton, PA
Wastewater Description: Stormwater

Receiving Waters	West Branch Pine Creek	Stream Code	22093
NHD Com ID	66537053	RMI	1.1-1.2
Drainage Area	71 mi^2	Yield (cfs/mi^2)	N/A
Watershed No.	9-A	Chapter 93 Class.	HQ-CWF
Existing Use	N/A	Existing Use Qualifier	N/A
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Attaining Use(s)		

Nearest Downstream Public Water Supply Intake Jersey Shore Area Joint Water Authority

PWS Waters	Pine Creek	Flow at Intake (cfs)	2.23
PWS RMI	2	Distance from Outfall (mi	Approx. 71

No downstream water supply is expected to be affected by these discharges with the monitoring and requirements proposed.

Compliance History	
Summary of Inspections:	The facility was most recently inspected by the Department on September 12, 2022. This inspection identified no violations at the time.
Other Comments:	A query in WMS found no open violations in eFACTS for Patterson Lumber Company.

Compliance History, Cont'd – Discharge Data (from 2nd half 2021 to first half 2023)

DMR Data for Outfall 001

Parameter	1st half 2023	2nd half 2022	1st half 2022	2nd half 2021
pH (S.U.) Daily Maximum	7.6	7.8	7.4	6.9
COD (mg/L) Daily Maximum	29.6	56.3	108	27.8
TSS (mg/L) Daily Maximum	34	71.0	137	50.0

DMR Data for Outfall 002

Parameter	1st half 2023	2nd half 2022	1st half 2022	2nd half 2021
pH (S.U.) Daily Maximum	6.8	7.9	7.4	6.7
COD (mg/L) Daily Maximum	54.7	257	87.3	36.4
TSS (mg/L) Daily Maximum	164	438	91.0	99.0

DMR Data for Outfall 003

Parameter	1st half 2023	2nd half 2022	1st half 2022	2nd half 2021
pH (S.U.) Daily Maximum	7.7	8.0	7.6	7.5
COD (mg/L) Daily Maximum	84.2	79.1	66.9	47.3
TSS (mg/L) Daily Maximum	88	61.0	47.0	46.0

DMR Data for Outfall 004

Parameter	1st half 2023	2nd half 2022	1st half 2022	2nd half 2021
pH (S.U.) Daily Maximum	7.4	7.8	7.2	7.7
COD (mg/L) Daily Maximum	93.3	127	80.5	60.2
TSS (mg/L) Daily Maximum	98	127	50.0	46.0

DMR Data for Outfall 005

Parameter	1st half 2023	2nd half 2022	1st half 2022	2nd half 2021
pH (S.U.) Daily Maximum	8.1	7.9	7.7	27.8
COD (mg/L) Daily Maximum	105	70.0	46.5	7.0
TSS (mg/L) Daily Maximum	205	59.0	41.0	18.0

Existing Effluent Limitations and Monitoring Requirements - Outfalls 001-005								
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

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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001

Other Comments: Monitoring for Total Nitrogen and Total Phosphorus are new.

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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 002

Other Comments: Monitoring for Total Nitrogen and Total Phosphorus are new.

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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 003

Other Comments: Monitoring for Total Nitrogen and Total Phosphorus are new.

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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 004

Other Comments: Monitoring for Total Nitrogen and Total Phosphorus are new.

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.

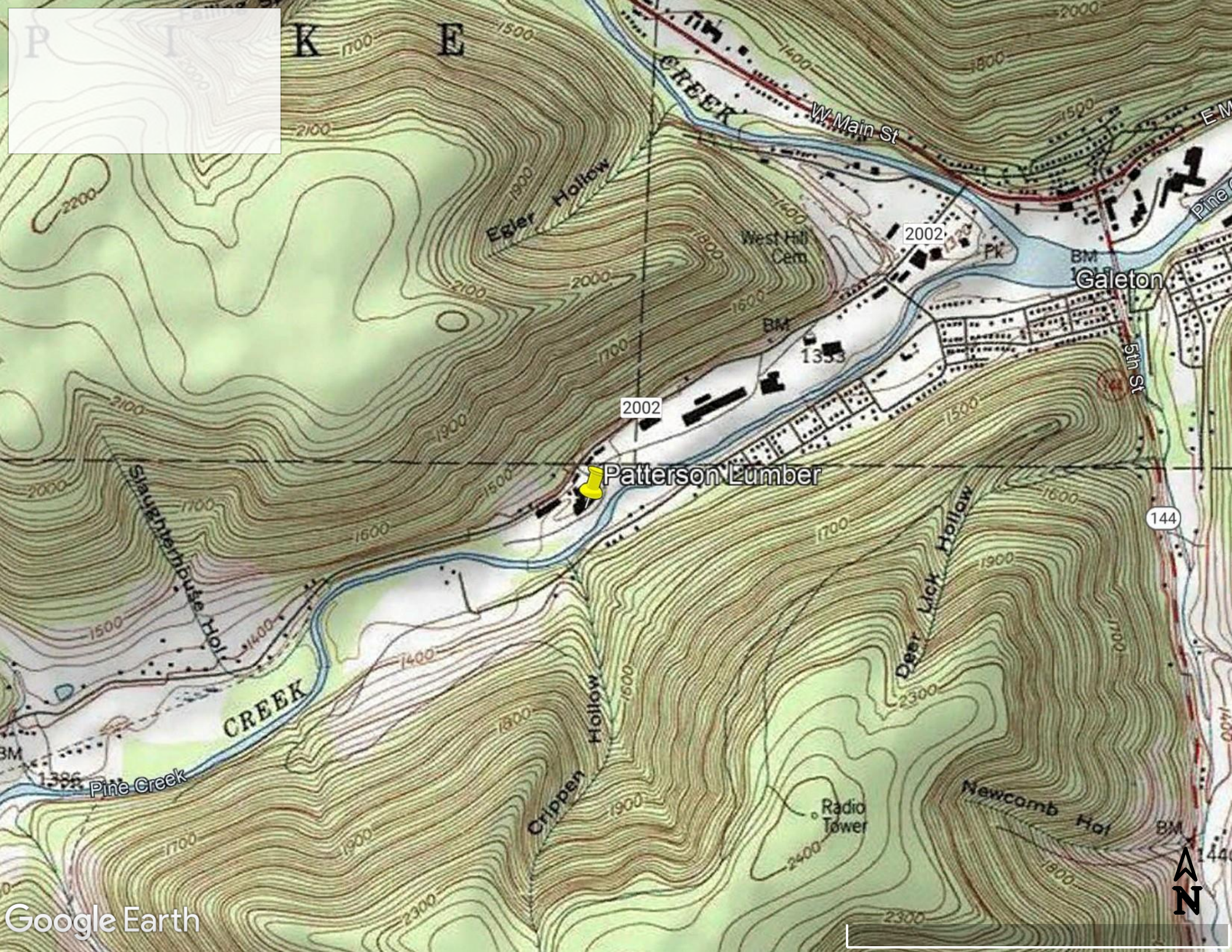
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 005

Other Comments: Monitoring for Total Nitrogen and Total Phosphorus are new.

Attachment:

- Facility Location Map


Patterson Lumber
W Main St
CREEK
Egler Hollow
West Hill Cem
2002
Galeton
5th St
144
Slaughterhouse Hol
CREEK
Pine Creek
Crippen Hollow
Deer Lick Hollow
Radio Tower
Newcomb Hol
Google Earth