Pennsylvania Department of Environmental Protection

Northcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0009385**
Facility Type	**Industrial**	APS ID	**1098895**
Major / Minor	**Minor**	Authorization ID	**1458385**

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

Applicant and Facility Information

Applicant Name	**ConAgra Foods, Inc.**	Facility Name	**ConAgra Milton Plant**
Applicant Address	30 Marr Street	Facility Address	30 Marr Street
	Milton, PA 17847-1519		Milton, PA 17847-1519
Applicant Contact	William Seibert	Facility Contact	Patrick Hann
Applicant Phone	(570) 742-6619	Facility Phone	(570) 742-6601
Client ID	329693	Site ID	2666
SIC Code	2032	Municipality	Milton Borough
SIC Description	Manufacturing - Canned Specialties	County	Northumberland
Date Application Received	October 3, 2023	EPA Waived?	Yes
Date Application Accepted	October 18, 2023	If No, Reason	
Purpose of Application	Renewal of a NPDES Permit		

Summary of Review

The subject facility produces canned specialty foods in Milton Borough, Northumberland County. A map of the discharge location is attached.

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
✓		Keith C. Allison Keith C. Allison / Project Manager	March 18, 2025
✓		N. W. H. Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	March 19, 2025

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.069
Latitude	41º 0' 33.29"	Longitude	-76º 51' 56.58"
Quad Name	Milton, PA	Quad Code	1031
Wastewater Description:	Noncontact Cooling Water (NCCW) and Stormwater		
Receiving Waters	West Branch Susquehanna River (WWF, MF)	Stream Code	18668
NHD Com ID	66919807	RMI	11.1
Drainage Area	6670 mi^2	Yield (cfs/mi^2)	0.1124
Q_{7-10} Flow (cfs)	816	Q_{7-10} Basis	Gage 01553500, W. Branch Susq. Riv. @ Lewisburg (1968-2008)
Elevation (ft)	436	Slope (ft/ft)	0.000104
Watershed No.	10-D	Chapter 93 Class.	WWF, MF
Existing Use	N/A	Existing Use Qualifier	N/A
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Impaired		
Cause(s) of Impairment	POLYCHLORINATED BIPHENYLS (PCBS)		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status		Name	**West Branch Susquehanna River**
Nearest Downstream Public Water Supply Intake	PA American Water Company at Milton, PA		
PWS Waters	West Branch Susquehanna River	Distance from Outfall (mi)	0.3

Changes Since Last Permit Issuance: None. The above stream and drainage characteristics from the previous review remain applicable.

Other Comments: The discharge consists of non-contact cooling water from ravioli blanchers.

This discharge is not expected to be a source of the above-listed impairment to the River by PCBs. The referenced West Branch Susquehanna River TMDL is for AMD impairments upstream in the watershed. The listed impairment to the River by AMD ends approximately 100 miles upstream.

No downstream water supply is expected to be affected by this discharge at this time with the monitoring and limitations proposed in this draft NPDES permit.

Process wastewaters from the facility are piped to Milton Regional Sewer Authority which discharges under NPDES Permit No. PA0020273.

Stormwater Discharges from Industrial Activities

Stormwater discharges from the facility require permit NPDES coverage pursuant to 40 CFR 122.26(a)(14).

Four storm water outfalls have been identified for the facility, all draining to storm sewers to the West Branch Susquehanna River (WWF).

Outfall No.	Area Drained (ft^2)	Latitude	Longitude	Description
001	371,264	41° 0' 43"	76° 51' 44"	Processing and warehousing
002	427,755	41° 0' 36.58"	76° 51' 27.44"	Processing and parking
003	211,173	41° 0' 47.55"	76° 51' 29.72"	Warehousing and parking
004	143,765	41° 0' 47.29"	76° 51' 33.93"	Warehousing

As a SIC code 2032 facility it would be subject to Appendix I (Food and Kindred Products) of the PAG-03 and its monitoring requirements and therefore, the relevant monitoring requirements of Appendix I will be included in Part C of this NPDES Permit. The PAG03 was reissued in March 2023 and now requires that all permittees, including those under Appendix I, perform periodic discharge sampling. Appendix I currently requires monitoring of stormwater discharges twice per year for Total Nitrogen (new), Total Phosphorus (new), pH, BOD_5, Total Suspended Solids, Chemical Oxygen Demand, NO_2-NO_3, and Oil and Grease.

Therefore, the permit will include the twice per year stormwater sampling for TN, TP, pH, BOD_5, TSS, COD, NO_2-NO_3, and Oil and Grease from Appendix I. The PAG03 also includes Benchmark values of 100 mg/L for TSS, 30 mg/L for Oil and Grease, 9.0 S.U. for pH, 30 for BOD_5 and 120 for COD, which will all 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.

The monitoring requirements will be included in PA0009385 for stormwater outfall 002, which has been identified by the permittee as a representative outfall.

Compliance History

DMR Data for Outfall 001 (from February 1, 2024 to January 31, 2025)

Parameter	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24	MAY-24	APR-24	MAR-24	FEB-24
Flow (MGD) Average Monthly	0.151	0.194	0.147	0.184	0.109	0.170	0.176	0.251	0.320	0.362	0.222	0.107
Flow (MGD) Daily Maximum	0.317	0.260	0.187	0.209	0.216	0.217	0.212	0.311	0.443	0.659	0.353	0.147
pH (S.U.) Instantaneous Minimum	7.43	7.21	7.51	7.68	7.66	7.75	7.66	7.10	7.20	7.22	7.06	6.46
pH (S.U.) Instantaneous Maximum	7.74	7.96	7.87	7.83	7.92	7.98	7.89	7.85	7.54	7.50	7.52	7.10
Temperature (ºF) Average Monthly	60.9	68.0	69.8	73.0	69.0	69.0	70.7	68.6	61.2	55.6	54.8	50.9
Temperature (ºF) Daily Maximum	67.2	70.1	76.5	87.0	72.5	73.0	75.7	71.8	62.2	58.5	58.2	54.0
TSS (mg/L) Average Monthly	< 4.0	< 10.8	< 5.3	< 4.0	< 4.8	< 4.0	< 4.6	< 4.0	< 4.0	< 4.0	< 8.3	< 8.0
TSS (mg/L) Daily Maximum	< 4.0	31.0	7.0	< 4.0	6.0	< 4.0	7.0	< 4.0	4.0	< 4.0	15.0	14.0
Total Dissolved Solids (mg/L) Daily Maximum		1300			1980			924			16.0	
Oil and Grease (mg/L) Average Monthly	< 5.0	< 6.95	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 7.0	< 7.0

Compliance History, Cont'd

Summary of Inspections:	The most recent inspection by the Department on August 6, 2024 identified an eDMR effluent violation.
Other Comments:	There are no open violations in eFACTS for ConAgra Foods, Inc.

Existing Effluent Limitations and Monitoring Requirements – Outfall 001

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		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/week	Grab
Temperature (ºF)	XXX	XXX	XXX	Report	Report	XXX	1/week	I-S
TSS	XXX	XXX	XXX	50	100	125	1/week	Grab
Total Dissolved Solids	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15	XXX	30	1/week	Grab

Existing Effluent Limitations and Monitoring Requirements – Outfall 002

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
BOD5	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
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.069
Latitude 41º 0' 43.00" **Longitude** -76º 51' 44.00"
Wastewater Description: Noncontact Cooling Water (NCCW)

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Parameter	Limit (mg/l)	SBC	Federal Regulation	State Regulation
	15	Average Monthly	--	
Oil and Grease	30	Average Weekly	--	95.2(2)(ii)
pH	6.0 – 9.0 S.U.	Min – Max	--	95.2(1)

Comments: The above limits are applicable and already included in the existing permit. No Effluent Limitation Guidelines (ELGs) are applicable to this NCCW discharge.

Water Quality-Based Limitations

Due to the nature of the NCCW discharge and based on a review of the renewal sampling no formal "Reasonable Potential Analysis" was performed for it to determine additional toxic parameters for monitoring or limitations.

Temperature
Average monthly temperatures over the past permit term have averaged 61.5 Deg. F with the averages ranging from 46.9 to 77.3 Deg. F. Daily Max temperatures ranged from 52 to 103 Deg. F. It is recommended that the current monitoring for the temperature of the discharge be continued. No limits should be necessary given the adequate dilution in the West Branch Susquehanna River (WWF) for this 0.069 MGD discharge and potential heat losses in the storm sewers prior to reaching the river.

TDS
TDS has averaged 944 mg/L with a maximum of 2,140 mg/L over the past permit term. Due to the TDS regularly exceeding 1,000 mg/L the current quarterly monitoring for TDS will remain.

Chemical Additives
The application indicates that no chemical additives are used in this NCCW discharge.

Best Professional Judgment (BPJ) Limitations

Comments: The existing limits for TSS were based on BPJ and will remain in the permit. No other BPJ limits should be necessary for this NCCW discharge at this time.

Anti-Backsliding

No proposed limitations or monitoring were made less stringent consistent with the anti-degradation requirements of the Clean Water Act and 40 CFR 122.44(l).

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" (386-0400-001), 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		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/week	Grab
Temperature (ºF)	XXX	XXX	XXX	Report	Report	XXX	1/week	I-S
TSS	XXX	XXX	XXX	50	100	125	1/week	Grab
Total Dissolved Solids	XXX	XXX	XXX	XXX	Report	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15	XXX	30	1/week	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The above monitoring and limits are unchanged from the existing permit.

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" (386-0400-001), SOPs and/or BPJ.

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

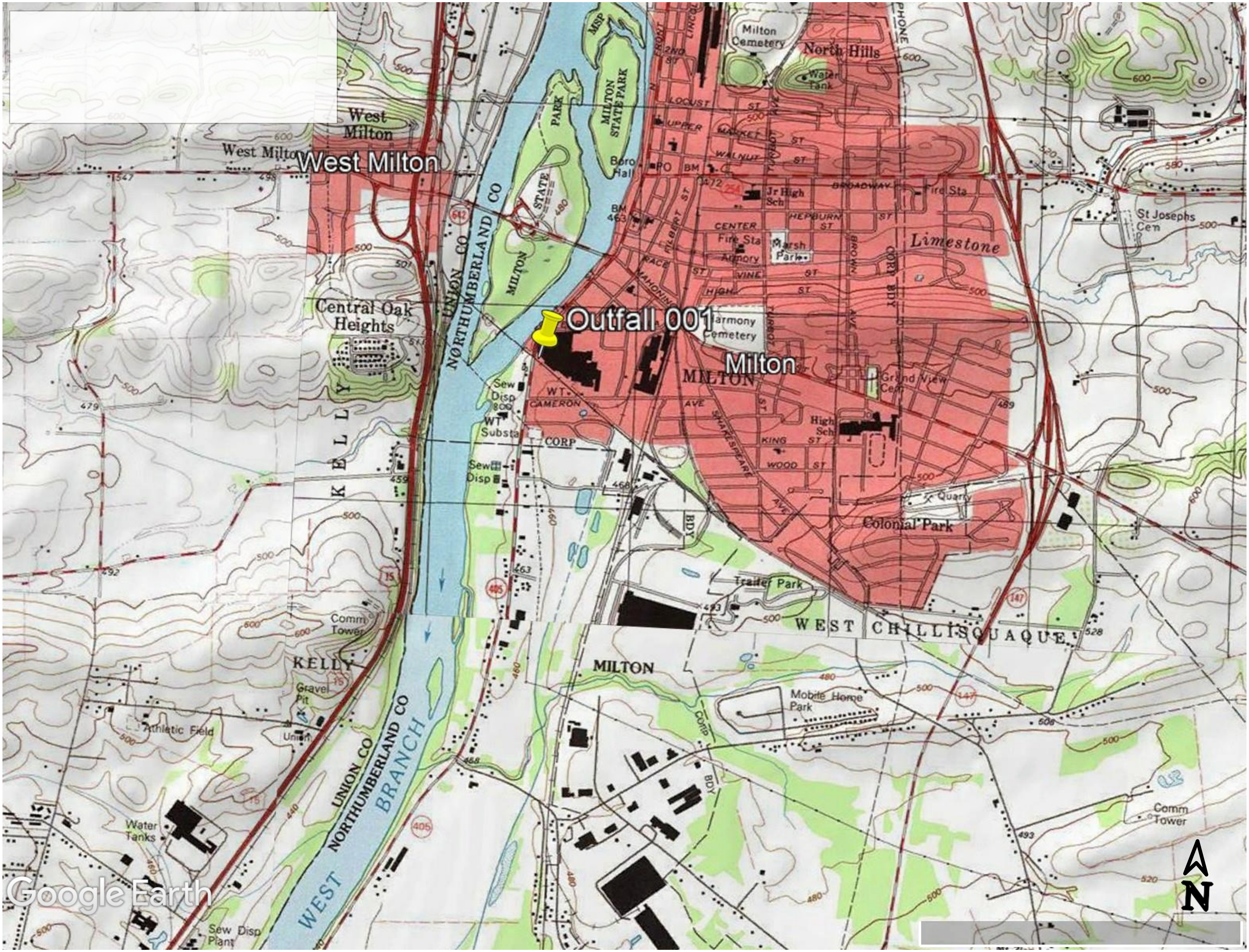
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
BOD5	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
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 002

Other Comments: Total Nitrogen and Total Phosphorus monitoring are new as mentioned above.

Attachment(s)

A. Discharge Location Map



Outfall 001
West Milton
Milton
West Milton
Central Oak Heights
Milton Cemetery
North Hills
Water Tank
MILTON STATE PARK
MILTON STATE PARK
Boro Hall
PO
BM
Jr High Sch
Fire Sta
St Josephs Cem
Limestone
Center Fire Sta
Armory
Marsh Park
Harmony Cemetery
MILTON
Grand View Cem
High Sch
Sew Disp
WT Substa
CORP
Quarry
Colonial Park
Trailer Park
WEST CHILLISQUAQUE
KELLY
MILTON
Mobile Home Park
Comm Tower
Gravel Pit
Athletic Field
Water Tanks
Sew Disp Plant
UNION CO
NORTHUMBERLAND CO
WEST BRANCH
LOCUST ST
MARKET ST
WALNUT ST
BROADWAY
HEPBURN ST
VINE ST
HIGH ST
CAMERON AVE
KING ST
WOOD ST
Google Earth
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