west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone:304-926-0495/Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

April 7, 2025

CERTIFICATION

RE: Monongahela Power Company
Harrison Power Station Landfill, Haywood, Harrison County

APPEAL NO.: 25-04-EQB

I, Jeremy W. Bandy, Division of Water and Waste Management, Department of Environmental Protection, in compliance with Chapter 22B, Article 1, Section 7(e), Code of West Virginia, as amended, do hereby certify that the enclosed is a true and accurate reproduction of the record of the proceedings out of which the appeal arises including documents and correspondence in the Director's file relating to the matter in question. Due to reproduction problems, maps have been omitted. These items are available for inspection at the Division of Water and Waste Management in Charleston.

DIVISION OF WATER AND WASTE MANAGEMENT

Jeremy W. Bandy,
Director

JWB:yp
Enclosures

WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD
CHARLESTON, WEST VIRGINIA

MONONGAHELA POWER COMPANY,

Appellant,

v. **Appeal Nos. 25-04-EQB**

JEREMY W. BANDY, DIRECTOR, DIVISION OF WATER AND WASTE MANAGEMENT, WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION,

Appellee.

ORDER FOR CONTINUANCE AND NOTICE OF HEARING AND PREHEARING STATUS CONFERENCE

Appeal No. 25-04-EQB was filed with the West Virginia Environmental Quality Board ("Board") on March 20, 2025. In accordance with West Virginia Code §22B-1-7(f), an evidentiary hearing concerning matters as more fully set forth in the *Notice of Appeal* filed in Appeal No. 25-05-EQB is scheduled for April 24, 2025.

The Board, on its own motion, determined that the evidentiary hearing in Appeal No. 25-04-EQB shall be continued until the **July 10, 2025, Board meeting beginning at 8:30 a.m.** The Parties may attend and participate in the evidentiary hearing in person or via Zoom by using the following Zoom link: https://us02web.zoom.us/j/82961435631.

Additionally, pursuant to CSR §46-4-5.2 of the *Procedural Rules Governing Appeals Before the Environmental Quality Board*, a **prehearing status conference (PHSC) will be held on Thursday, June 26, 2025, at 10:00 a.m.** before the Board's Chairman and/or legal counsel. The Parties may attend and participate in the PHSC by ***Zoom only*** by using the following Zoom link: https://us02web.zoom.us/j/85255309758.

The proceedings will be recorded and transcribed later, if necessary. The following will be discussed at the prehearing:

(1) Presentation and consideration of preliminary legal issues;

(2) Stipulations to facts that are not contested by the parties;

(3) Stipulations to the admission of evidence to avoid unnecessary proof;

(4) Identification and reduction of number of witnesses; and

(5) Consideration of any other matters that will aid in the expeditious conduct of the hearing.

It is further ordered that each counselor representative attending the prehearing conference is required to have a thorough knowledge of the case, be prepared to discuss it, and to make stipulations or admissions where appropriate and to argue any pending motions. Each counselor representative must have full authority from the party represented and any law firm with which they are associated to take such action as may be necessary to comply with this order.

It is further ordered that at the conclusion of the conference, either orally for the record or by separate writing, an order will be entered which recites any action taken and agreements reached by the parties. The order will take the place of all that has taken place before and will control the subsequent course of the hearing unless modified to prevent manifest injustice.

It is so **ORDERED** and **ENTERED** this 24th day of March, 2025.

Environmental Quality Board

Kenna M DeRaimo
for Dr. Edward Snyder, Chairman

WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD
CHARLESTON, WEST VIRGINIA

MONONGAHELA POWER COMPANY,

Appellant,

v. **Appeal No. 25-04-EQB**

JEREMY W. BANDY, DIRECTOR, DIVISION OF WATER AND WASTE MANAGEMENT, WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION,

Appellee.

CERTIFICATE OF SERVICE

I, Kenna M. DeRaimo, Clerk for the Environmental Quality Board, hereby certify that on this day, the 24th day of March, 2025, a true copy of the foregoing **ORDER FOR CONTINUANCE AND NOTICE OF HEARING AND PREHEARING STATUS CONFERENCE** has been served upon the following:

Christopher B. Power, Esq.
Robert M. Stonestreet, Esq.
Babst Calland Clements and Zomnir, P.C.
BB&T Square
300 Summers Street, Suite 1000
Charleston, WV 25301
cpower@babstcalland.com
rstonestreet@babstcalland.com
Counsel for Appellant

Via Certified First-Class U.S. Mail and Electronic Mail
9489 0090 0027 6692 2653 96

Charles S. Driver, Esq.
Jonathan C. Frame, Esq.
WV Department of Environmental Protection
Office of Legal Services
601 57th Street SE
Charleston, WV 25304
charles.s.driver@wv.gov
jonathan.c.frame@wv.gov
Counsel for Appellee

Via Interdepartmental Mail and Electronic Mail

Jeremy W. Bandy, Director
WV Department of Environmental Protection
Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
jeremy.w.bandy@wv.gov
Appellee

Via Interdepartmental Mail
and Electronic Mail

Kenna M. DeRaimo, Clerk

Babst | Calland
Attorneys at Law

Robert M. Stonestreet
Attorney at Law
T 681.265.1364
rstonestreet@babstcalland.com

March 20, 2025

RECEIVED
MAR 20 2025
Environmental Quality Board

Via Hand Delivery and Electronic Mail
Ms. Kenna M. DeRaimo
Clerk of the Board
W.Va. Environmental Quality Board
601 57th Street, S.E.
Charleston, WV 25304

Re: Monongahela Power Company v. Jeremy W. Bandy, WVDEP
Appeal No.
Notice of Appeal

Dear Ms. DeRaimo:

Please find enclosed the original and six (6) copies of a Notice of Appeal. As indicated by the accompanying Certificate of Service, counsel for the WVDEP has been served with a copy of this document.

Please feel free to contact me should there be any questions regarding this filing.

Sincerely,

Robert M. Stonestreet

encl.
RMS/seb

cc: Charles Scott Driver, Esq. (via email and hand-delivery)
Jonathan Frame, Esq. (via email and hand-delivery)

RECEIVED
MAR 2 0 2025
Environmental Quality Board

BEFORE THE WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD

MONONGAHELA POWER COMPANY,

Appellant,

v.

Appeal No.: 25-04-EQB

JEREMY W. BANDY DIRECTOR,
DIVISION OF WATER AND WASTE MANAGEMENT,
WEST VIRGINIA DEPARTMENT OF
ENVIRONMENTAL PROTECTION,

Appellee.

NOTICE OF APPEAL

TO THE ENVIRONMENTAL QUALITY BOARD:

Appellant Monongahela Power Company ("MonPower") respectfully represents that it is aggrieved by the issuance by the Director of the Division of Water and Waste Management, West Virginia Department of Environmental Protection ("DEP"), of West Virginia Solid Waste/NPDES Permit No. WV0075795 (the "Permit") for the Harrison Power Station coal combustion by-products landfill located in Harrison County, West Virginia ("Facility") issued on February 19, 2025. A copy of the Permit is included as Exhibit A. MonPower is aggrieved by the following terms and conditions of the Permit:

1. The Permit establishes effluent limits for aluminum and iron at Outlet 012 and effluent limits for iron at Outlets 013, 014, and 015 that become effective at the conclusion of a 36-month compliance schedule. These outlets discharge stormwater and groundwater that originates from areas that are not part of the Facility's operations. The Facility's operations are not the source of aluminum and iron contained in the stormwater discharges.
2. Such other and related language and conditions that are arbitrary and capricious, contrary to law, and duplicate or further compound the error identified above.

West Virginia Environmental Quality Board

601 57th Street, S.E.
Charleston, West Virginia 25304

Phone: (304) 414-1128
eqb.wv.gov

MEMORANDUM

DATE: March 24, 2025

TO: Jeremy W. Bandy, Director
Division of Water and Waste Management
West Virginia Department of Environmental Protection (WVDEP)

CC: Teresa Pauline, Division of Water and Waste Management, WVDEP
Yogesh Patel, Division of Water and Waste Management, WVDEP
Brad Wright, Division of Water and Waste Management, WVDEP

FROM: Kenna M. DeRaimo, Clerk KMD
Environmental Quality Board

RE: Request for Certified File – Appeal No. 25-04-EQB
Monongahela Power Company v. WVDEP

Attached is **Appeal No. 25-04-EQB**, which was filed with the Environmental Quality Board ("EQB") on **March 20, 2025**. Within fourteen (14) days after receipt of this appeal, you must prepare, certify, and provide to the EQB a complete paper record of the proceedings out of which the appeal arises, including all documents and correspondence in the Director's file relating to the matter in question.

The record must be presented in chronological order with each page consecutively numbered. **The Certified Record in this matter is due on April 7, 2025.** In addition to the paper copy, please also send an electronic copy of the complete record to Kenna DeRaimo, Clerk of the EQB, at Kenna.M.DeRaimo@wv.gov.

If you have any questions about what to include in the certified record, please contact the West Virginia Department of Environmental Protection's Office of Legal Services.

Thank you for your attention to this matter.

Sections I - III: Facility Information

I. NAME OF FACILITY:
Harrison Power Station CCR Landfill

II. FACILITY CONTACT:
A. Name(last, first): Dinzeo, Gary
Title: Director, Harrison Power Station
B. Phone number: 304-584-2233 *(###-###-####)*

III. FACILITY MAILING ADDRESS:
A. Street or Post Office Box:
Address Line 1: P.O. Box 600
Address Line 2:
B. City: Haywood
C. State: West Virginia
D. Zip: 26366

Section IV: Facility Location

IV. FACILITY LOCATION:
A. Street, Route No. or other specific identifier:
State Route No. 20
B. City, Town or Nearest Post Office:
Haywood
C. County: Harrison
D. Zip: 26366

Directions to Facility:
From South via I-79: Exit 121 (Johnson Ave.), left toward County Rt. 24/Meadowbrook Road, follow to right onto US-19N/WV20-N. Left where US-19N and WV-20N split to continue on WV-20. Follow WV-20 to right at Harrison Power Station, second gate, just before Haywood.

Section V: Ownership and Operator Information

V. OWNERSHIP INFORMATION:

A. Name: Monongahela Power Company

B. Phone: 724-838-6018 *(###-###-####)*

Attention: William E. Cannon / Environmental

Address of Owner:

Address Line 1: 800 CABIN HILL DRIVE

Address Line 2:

City: GREENSBURG

Country: United States of America

State: Pennsylvania

Zip: 15601-1689 PostalCode Ref.

Email Address: wcannon@firstenergycorp.com

C. Is name listed in Item V-A also the operator:

(●) Yes (go to Item V-E) ( ) No (complete V-D)

OPERATOR INFORMATION:

D. Name: Monongahela Power Company

Phone: 724-838-6018 *(###-###-####)*

Attention: William E. Cannon / Environmental

Address of Operator:

Address Line 1:

Address Line 2:

City:

Country: United States of America

State: West Virginia

Zip: PostalCode Ref.

Email Address: wcannon@firstenergycorp.com

E. Status of Operator (If "Other" specify)

( ) Federal ( ) State (●) Private

( ) Public ( ) Other Specify:

Section VI: Applicant Request

VI. APPLICANT REQUEST:

(●) 1. Allow sewage, industrial wastes or other wastes, or effluent therefrom, produced by or emanating from any point source, to flow into the waters of this State;

( ) 2. Make, cause or permit to be made any outlet, or substantially enlarge or add to the load of any existing outlet, for the discharge of sewage, industrial wastes or other wastes, or the effluent therefrom, into the waters of this State:

( ) 3. Acquire, construct, install, modify, or operate a disposal system or part thereof for the direct or indirect discharge or deposit of treated or untreated sewage, industrial wastes or other wastes, or the effluent therefrom, into the waters of this State, or any extension to or addition to such disposal system;

( ) 4. Increase in volume or concentration of any sewage, industrial wastes or other wastes in excess of the discharges or disposition specified or permitted under any existing permit;

( ) 5. Extend, modify or add to any point source, the operation of which would cause an increase in the volume or concentration of any sewage, industrial wastes discharging or flowing into the waters of this State;

Section VII: Reissuance of Existing Permits

VII. REISSUANCE OF EXISTING PERMITS:

A. Since issuance of your existing permit have you added any outlets, modified or added to your treatment or disposal system in any way, increased the volume or concentration or your waste(s) or waste stream(s), or extended, modified or added to your facility any operation which would cause an increase in the volume or concentration of waste(s) discharged?

○ Yes ◉ No (see instructions before completing remainder of this form)

Section VIII: SIC Codes

Primary SIC: 4953 Refuse systems

Secondary SIC:

Section IX: Existing Environmental Permits

IX. EXISTING ENVIRONMENTAL PERMITS (including other Division of Water and Waste Management Permits)

Issuing Agency and Address:	WVDEP
Type of Permit or License:	SW/NPDES
Permit Number:	WV0075795
Effective Date yr/mo/day:	11/01/2016
Expiration Date yr/mo/day:	09/18/2021
Issuing Agency and Address:	WVDEP
Type of Permit or License:	NPDES
Permit Number:	WV0005339
Effective Date yr/mo/day:	06/04/2011
Expiration Date yr/mo/day:	06/30/2015

Section X: Map or Drawing

X. MAP OR DRAWING:

A. Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all wells, sinkholes, springs, rivers and other surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant in the map area. See instructions for precise requirements.

Map attached how: ○ Paper ◉ Electronic

For attached SHP files, please select from below:

Datum: Projection:

Section XI: Nature of Business

XI. NATURE OF BUSINESS (provide a brief description)

A. Provide a brief description of the business.

Production and distribution of electric power services by investor-owner utility.

B. Do you qualify as a small business? (See instructions for qualification criteria)

○ Yes ◉ No

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	008
B.	Latitude:	39 ° 23 ' 20 "
C.	Longitude:	80 ° 19 ' 22 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.9

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

West Fork RIver	
tributary of	tributary of
tributary of	tributary of

Major Basin: West Fork River

F. Geospatial Method: GPS/GNSS

Datum: Unknown

G. Actual Average Flow: 370636 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☐ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	3.17	8.6190	3.17	8.6190	3.17	8.5918	2
b. Chemical Oxygen Demand	77.41	210.4719	77.41	210.4719	52.87	131.1576	4
c. Total Organic Carbon (TOC)	4.572	9.499	4.572	9.499	3.429	8.1756	4
d. Total Suspended Solids (TSS)	14	187.034	14	187.034	5	26.831	13
e. Ammonia *(as N)*	1.108	12.1572	1.108	12.1572	0.586	2.5734	14
f. Flow	VALUE	1.6019	VALUE	1.1412	VALUE	0.3706	26
g. Temperature *(winter)*	VALUE	Ambient	VALUE	Ambient	VALUE	Ambient	N/A
g. Temperature *(summer)*	VALUE	Ambient	VALUE	Ambient	VALUE	Ambient	N/A
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			13
	7.1	8.1	7.1	8.1			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	mg/L	lbs./day	see	attached	
b. Chemical Oxygen Demand	mg/L	lbs./day			
c. Total Organic Carbon (TOC)	mg/L	lbs./day			
d. Total Suspended Solids (TSS)	mg/L	lbs./day			
e. Ammonia *(as N)*	mg/L	lbs./day			
f. Flow	N/A	MGD	VALUE		
g. Temperature *(winter)*	Degree F	N/A	VALUE		
g. Temperature *(summer)*	Degree F	N/A	VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☐ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	◉	○	11.7	30.9957	11.7	30.9957	10.5	25.3802	4
b. Chloride	◉	○	856	8603.579	856	8603.579	545	2113.838	13
c. Chloride Residual	○	◉							
d. Color	◉	○	<1	N/A	<1	N/A	<1	NA	2
e. Fecal Coliform	◉	○	150	N/A	150	N/A	150	N/A	1
f. Fluoride (16984-48-8)	◉	○	0.495	4.3151	0.495	4.3151	0.317	1.1426	13
g. Nitrate-Nitrite *(as N)*	◉	○	0.1212	<0.3666	<0.0506	<0.3666	<0.029	<0.0842	16
h. Nitrogen, Total Organic *(as N)*	◉	○	2.12	5.7641	1.15	3.1295	1.15	3.1295	2
i. Oil and Grease	◉	○	1.9	5.1660	1.9	5.1660	<1.4	<4.0504	3
j. Phosphorus *(as P)*, Total (7723-14-0)	◉	○	<0.153	<0.4160	<0.153	<0.4160	<0.153	<0.3637	4
k. Radioactivity									
(1) Alpha, Total	○	◉							
(2) Beta, Total	○	◉							
(3) Radium, Total	○	◉							
(4) Radium 226, Total	○	◉							
l. Sulfate *(as SO_4)* (14808-79-8)	◉	○	1350	12958.8	1350	12958.8	1089	3893.8	13
m. Sulfide *(as S)*	◉	○	<1	<2.7189	<1	<2.7189	<1	<2.7189	2
n. Sulfite *(as SO_3)* (14265-45-3)	◉	○	<1	<2.7189	<1	<2.7189	<1	<2.7189	2
o. Surfactants	◉	○	0.28	0.7613	0.28	0.7613	0.14	0.4486	2
p. Aluminum, Total (7429-90-5)	◉	○	0.2322	3.1020	0.2322	3.1020	0.0766	0.4274	13

q. Barium, Total (7440-39-3)	◉	○	0.0701	0.1906	0.0701	0.1906	0.0560	0.1372	4
r. Boron, Total (7440-42-8)	◉	○	17.1550	51.3008	17.1550	51.3008	8.4837	23.4144	13
s. Cobalt, Total (7440-48-4)	◉	○	0.0011	0.0030	0.0011	0.0030	0.0009	0.0021	4
t. Iron, Total (7439-89-6)	◉	○	0.5241	2.7320	0.5241	2.7320	0.1677	0.6548	13
u. Magnesium, Total (7439-95-4)	◉	○	33.3680	81.6438	33.3680	81.6438	27.812	66.1406	4
v. Molybdenum Total (7439-98-7)	◉	○	1.2529	3.0344	1.2529	3.0344	0.3105	0.9904	13
w. Manganese, Total (7439-96-5)	◉	○	0.3877	5.1795	0.3877	5.1795	0.2335	1.0375	12
x. Tin, Total (7440-31-5)	◉	○	0.0093	0.0211	0.0093	0.0211	<0.005	<0.0161	3
y. Titanium, Total (7440-32-6)	◉	○	0.0115	0.1536	0.0115	0.1536	0.0058	0.0266	13

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
a. Bromide (24959-67-9)	mg/L	lbs./day	See	Attached	
b. Chloride	mg/L	lbs./day			
c. Chloride Residual	n/a	n/a			
d. Color	PCU	n/a			
e. Fecal Coliform	cnts/100ml	n/a			
f. Fluoride (16984-48-8)	mg/L	lbs./day			
g. Nitrate-Nitrite *(as N)*	mg/L	lbs./day			
h. Nitrogen, Total Organic *(as N)*	mg/L	lbs./day			
i. Oil and Grease	mg/L	lbs./day			
j. Phosphorus *(as P)*, Total (7723-14-0)	mg/L	lbs./day			
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)	mg/L	lbs./day			
m. Sulfide *(as S)*	mg/L	lbs./day			
n. Sulfite *(as SO_3)* (14265-45-3)	mg/L	lbs./day			
o. Surfactants	mg/L	lbs./day			
p. Aluminum, Total (7429-90-5)	mg/L	lbs./day			
q. Barium, Total (7440-39-3)	mg/L	lbs./day			
r. Boron, Total (7440-42-8)	mg/L	lbs./day			
s. Cobalt, Total (7440-48-4)	mg/L	lbs./day			
t. Iron, Total (7439-89-6)	mg/L	lbs./day			
u. Magnesium, Total (7439-95-4)	mg/L	lbs./day			
v. Molybdenum Total (7439-98-7)	mg/L	lbs./day			
w. Manganese, Total (7439-96-5)	mg/L	lbs./day			
x. Tin, Total (7440-31-5)	mg/L	lbs./day			
y. Titanium, Total (7440-32-6)	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☐ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☑	◉	○	0.0012	0.0032	0.0011	0.0027	0.0011	0.0027
2M. Arsenic, Total(7440-38-2)	☑	◉	○	0.0457	0.4403	0.0457	0.4403	0.0199	0.0969
3M.Beryllium, Total (74440-41-7)	☑	◉	○	0.0013	0.0026	0.0013	0.0026	0.0008	0.0017
4M. Cadmium, Total(7440-43-9)	☑	◉	○	0.0015	0.0034	0.0015	0.0034	0.0009	0.0021
5M.Chromium, Total(7440-47-3)	☑	◉	○	<0.0015	<0.0039	<0.0015	<0.0039	<0.0015	<0.0035
6M. Copper, Total(7550-50-8)	☑	◉	○	<0.0109	<0.0296	<0.0109	<0.0296	<0.0109	<0.0263
7M. Lead, Total (7439-97-6)	☑	◉	○	<0.0005	<0.0014	<0.0005	<0.0014	<0.0005	<0.0013
8M. Mercury, Total(7439-97-8)	☑	◉	○	0.000054	0.00016	0.000054	0.00016	0.000018	0.000043
9M. Nickel, Total(7440-02-0)	☑	◉	○	0.0120	0.0274	0.0120	0.0274	0.0052	<0.0136
10M. Selenium, Total(7782-49-2)	☑	◉	○	0.0040	<0.0454	0.0040	<0.0454	<0.0034	<0.0126
11M. Silver, Total(7440-22-4)	☑	◉	○	<0.00045	<0.0012	<0.00045	<0.0012	<0.00045	<0.0011
12M. Thallium, Total(7440-28-0)	☑	◉	○	<0.00017	<0.0005	<0.00017	<0.0005	<0.00017	<0.0005
13M. Zinc, Total(7440-66-6)	☑	◉	○	<0.0120	<0.0326	<0.0120	<0.0326	<0.0120	<0.0290
14M. Cyanide, Total(57-12-5)	☑	◉	○	<0.0026	<0.0071	<0.0026	<0.0071	<0.0026	<0.0071
15M. Phenols, Total	☑	◉	○	<0.002	<0.0054	<0.002	<0.0054	<0.002	<0.0054
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	◉	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)	4	mg/L	lbs./day			
2M. Arsenic, Total(7440-38-2)	13	mg/L	lbs./day			
3M.Beryllium, Total (74440-41-7)	4	mg/L	lbs./day			
4M. Cadmium, Total(7440-43-9)	4	mg/L	lbs./day			
5M.Chromium, Total(7440-47-3)	4	mg/L	lbs./day			
6M. Copper, Total(7550-50-8)	4	mg/L	lbs./day			
7M. Lead, Total (7439-97-6)	4	mg/L	lbs./day			
8M. Mercury, Total(7439-97-8)	12	mg/L	lbs./day			
9M. Nickel, Total(7440-02-0)	4	mg/L	lbs./day			
10M. Selenium, Total(7782-49-2)	13	mg/L	lbs./day			
11M. Silver, Total(7440-22-4)	4	mg/L	lbs./day			
12M. Thallium, Total(7440-28-0)	4	mg/L	lbs./day			
13M. Zinc, Total(7440-66-6)	4	mg/L	lbs./day			
14M. Cyanide, Total(57-12-5)	1	mg/L	lbs./day			
15M. Phenols, Total	1	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☐ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☑	◉	○	<0.01	N/A	n/a	n/a	n/a	n/a
2V. Acrylonitrile (107-13-1)	☑	◉	○	<0.005	N/A	n/a	n/a	n/a	n/a
3V. Benzene (71-43-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
4V. Bromoform (75-25-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
5V. Carbon Tetrachloride (56-23-5)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
6V. Chlorobenzene (108-90-7)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
7V. Chlorodi-bromomethene (124-48-1)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
8V. Chloroethane (75-00-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☑	◉	○	<0.005	N/A	n/a	n/a	n/a	n/a
10V. Chloroform (67-66-3)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
11V. Dichloro-bromomethane (75-27-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
12V. 1,1-Dichloro-ethane (75-34-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
13V. 1,2-Dichloro-ethane (107-06-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
14V. 1,1-Dichloro-ethylene (75-35-4)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
15V. 1,2-Dichloro-propane (78-87-5)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
16V. 1,3-Dichloro-propylene (542-75-6)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
17V. Ethylbenzene (100-41-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
18V. Methyl Bromide (74-83-9)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
19V. Methyl Chloride (74-87-3)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a

20V. Methylene Chloride (75-09-2)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
22V. Tetrachloro-ethylene(127-18-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
23V. Toluene (108-88-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
25V. 1,1,1-Tri-chloroethane (71-55-6)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
26V. 1,1,2-Tri-chloroethane (79-00-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
27V. Trichloro-ethylene(79-01-61)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
28V. Vinyl Chloride(75-01-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)	1	mg/L	lbs./day			
2V. Acrylonitrile (107-13-1)	1	mg/L	lbs./day			
3V. Benzene (71-43-2)	1	mg/L	lbs./day			
4V. Bromoform (75-25-2)	1	mg/L	lbs./day			
5V. Carbon Tetrachloride (56-23-5)	1	mg/L	lbs./day			
6V. Chlorobenzene (108-90-7)	1	mg/L	lbs./day			
7V. Chlorodi-bromomethene (124-48-1)	1	mg/L	lbs./day			
8V. Chlroethane (75-00-3)	1	mg/L	lbs./day			
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	1	mg/L	lbs./day			
10V. Chloroform (67-66-3)	1	mg/L	lbs./day			
11V. Dichloro-bromomethane (75-27-4)	1	mg/L	lbs./day			
12V. 1,1-Dichloro-ethane (75-34-3)	1	mg/L	lbs./day			
13V. 1,2-Dichloro-ethane (107-06-2)	1	mg/L	lbs./day			
14V. 1,1-Dichloro-ethylene (75-35-4)	1	mg/L	lbs./day			
15V. 1,2-Dichloro-propane (78-87-5)	1	mg/L	lbs./day			
16V. 1,3-Dichloro-propylene (542-75-6)	1	mg/L	lbs./day			
17V. Ethylbenzene (100-41-4)	1	mg/L	lbs./day			
18V. Methyl Bromide (74-83-9)	1	mg/L	lbs./day			
19V. Methyl Chloride (74-87-3)	1	mg/L	lbs./day			
20V. Methylene Chloride (75-09-2)	1	mg/L	lbs./day			
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	1	mg/L	lbs./day			

22V. Tetrachloro-ethylene(127-18-4)	1	mg/L	lbs./day			
23V. Toluene (108-88-3)	1	mg/L	lbs./day			
24V. 1,2-Trans-Dichloroethylene (156-60-5)	1	mg/L	lbs./day			
25V. 1,1,1-Tri-chloroethane (71-55-6)	1	mg/L	lbs./day			
26V. 1,1,2-Tri-chloroethane (79-00-5)	1	mg/L	lbs./day			
27V. Trichloro-ethylene(79-01-61)	1	mg/L	lbs./day			
28V. Vinyl Chloride(75-01-4)	1	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☐ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☑	◉	○	<0.646	n/a	n/a	n/a	n/a	n/a
2A. 2,4-Dichloro-phenol (120-83-2)	☑	◉	○	<0.515	n/a	n/a	n/a	n/a	n/a
3A. 2,4-Dimethyl-phenol (105-67-9)	☑	◉	○	<0.414	n/a	n/a	n/a	n/a	n/a
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☑	◉	○	<14.8	n/a	n/a	n/a	n/a	n/a
5A. 2,4-Dinitro-phenol (51-28-5)	☑	◉	○	<15.5	n/a	n/a	n/a	n/a	n/a
6A. 2-Nitro-phenol (88-75-5)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
7A. 4-Nitro-phenol (100-02-7)	☑	◉	○	<1.43	n/a	n/a	n/a	n/a	n/a
8A. P-Chloro-M-Cresol (59-50-7)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
9A. Pentachloro-phenol (87-86-5)	☑	◉	○	<8.56	n/a	n/a	n/a	n/a	n/a
10A. Phenol (108-95-2)	☑	◉	○	<4.92	n/a	n/a	n/a	n/a	n/a
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☑	◉	○	<0.687	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)	1	ug/L	lbs./day			
2A. 2,4-Dichloro-phenol (120-83-2)	1	ug/L	lbs./day			
3A. 2,4-Dimethyl-phenol (105-67-9)	1	ug/L	lbs./day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	1	ug/L	lbs./day			
5A. 2,4-Dinitro-phenol (51-28-5)	1	ug/L	lbs./day			
6A. 2-Nitro-phenol (88-75-5)	1	ug/L	lbs./day			
7A. 4-Nitro-phenol (100-02-7)	1	ug/L	lbs./day			
8A. P-Chloro-M-Cresol (59-50-7)	1	ug/L	lbs./day			
9A. Pentachloro-phenol (87-86-5)	1	ug/L	lbs./day			
10A. Phenol (108-95-2)	1	ug/L	lbs./day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	1	ug/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☐ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☑	◉	○	<0.657	n/a	n/a	n/a	n/a	n/a
2B.Acenaphtylene (208-96-8)	☑	◉	○	<0.657	n/a	n/a	n/a	n/a	n/a
3B.Anthracene (120-12-7)	☑	◉	○	<0.495	n/a	n/a	n/a	n/a	n/a
4B. Benzidine (92-87-5)	☑	◉	○	<92.2	n/a	n/a	n/a	n/a	n/a
5B. Benzo (a) Anthracene (56-55-3)	☑	◉	○	<0.758	n/a	n/a	n/a	n/a	n/a
6B.Benzo(a)Pyrene (50-32-8)	☑	◉	○	<0.535	n/a	n/a	n/a	n/a	n/a
7B. 3,4-Benzo-fluoranthene (205-99-2)	☑	◉	○	<0.980	n/a	n/a	n/a	n/a	n/a
8B. Benzo (ghi) Perylene (191-24-2)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
9B. Benzo (k) Fluoranthene (207-08-9)	☑	◉	○	<0.889	n/a	n/a	n/a	n/a	n/a
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☑	◉	○	<0.677	n/a	n/a	n/a	n/a	n/a
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☑	◉	○	<0.404	n/a	n/a	n/a	n/a	n/a
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☑	◉	○	<0.586	n/a	n/a	n/a	n/a	n/a
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☑	◉	○	<62.9	n/a	n/a	n/a	n/a	n/a
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☑	◉	○	<0.636	n/a	n/a	n/a	n/a	n/a
15B. Butyl Benzyl Phthalate (85-86-7)	☑	◉	○	<4.67	n/a	n/a	n/a	n/a	n/a
16B. 2-Chloro-naphthalene (91-58-7)	☑	◉	○	<0.596	n/a	n/a	n/a	n/a	n/a
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
18B. Chrysene (218-01-9)	☑	◉	○	<0.818	n/a	n/a	n/a	n/a	n/a
19B. Dibenzo (a,h) Anthracene (53-70-3)	☑	◉	○	<0.727	n/a	n/a	n/a	n/a	n/a
20B. 1,2-Dichloro-benzene(95-50-1)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a
21B. 1,3-Dichloro-benzene (541-73-1)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a
22B. 1,4-Dichloro-benzene (106-46-7)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a

23B. 3,3-Dichloro-benzidine (91-94-1)	☑	◉	○	<5.89	n/a	n/a	n/a	n/a	n/a
24B. Diethyl Phthalate (84-66-2)	☑	◉	○	<5.73	n/a	n/a	n/a	n/a	n/a
25B. Dimethyl Phthalate (131-11-3)	☑	◉	○	<0.566	n/a	n/a	n/a	n/a	n/a
26B. Di-N-Butyl Phthalate (84-74-2)	☑	◉	○	<7.51	n/a	n/a	n/a	n/a	n/a
27B. 2,4-Dinitro-toluene (121-14-2)	☑	◉	○	<0.515	n/a	n/a	n/a	n/a	n/a
28B. 2,6-Dinitro-toluene (206-20-2)	☑	◉	○	<0.606	n/a	n/a	n/a	n/a	n/a
29B. Di-N-Octyl Phthalate (117-84-0)	☑	◉	○	<6.92	n/a	n/a	n/a	n/a	n/a
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☑	◉	○	<0.495	n/a	n/a	n/a	n/a	n/a
31B. Fluoranthene (206-44-0)	☑	◉	○	<0.606	n/a	n/a	n/a	n/a	n/a
32B. Fluorene (86-73-7)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
33B. Hexa-chlorobenzene (118-71-1)	☑	◉	○	<0.566	n/a	n/a	n/a	n/a	n/a
34B. Hexa-chlorobutadiene (87-68-3)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
35B. Hexachloro-cyclopentadiene (77-47-4)	☑	◉	○	<5.02	n/a	n/a	n/a	n/a	n/a
36B. Hexachloro-ethane (67-72-1)	☑	◉	○	<6.26	n/a	n/a	n/a	n/a	n/a
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☑	◉	○	<0.859	n/a	n/a	n/a	n/a	n/a
38B. Isophorone (78-59-1)	☑	◉	○	<0.545	n/a	n/a	n/a	n/a	n/a
39B. Naphthalene (91-20-3)	☑	◉	○	<0.596	n/a	n/a	n/a	n/a	n/a
40B. Nitrobenzene (98-95-3)	☑	◉	○	<5.05	n/a	n/a	n/a	n/a	n/a
41B. N-Nitro-sodimethylamine(62-75-9)	☑	◉	○	<0.677	n/a	n/a	n/a	n/a	n/a
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☑	◉	○	<0.717	n/a	n/a	n/a	n/a	n/a
43B. N-Nitro-sodiphenylamine (86-30-6)	☑	◉	○	<1.20	n/a	n/a	n/a	n/a	n/a
44B. Phenanthrene (85-01-8)	☑	◉	○	<0.556	n/a	n/a	n/a	n/a	n/a
45B. Pyrene (129-00-0)	☑	◉	○	<0.545	n/a	n/a	n/a	n/a	n/a
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☑	◉	○	<0.525	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)	1	ug/L	lbs./day			
2B.Acenaphtylene (208-96-8)	1	ug/L	lbs./day			
3B.Anthracene (120-12-7)	1	ug/L	lbs./day			
4B. Benzidine (92-87-5)	1	ug/L	lbs./day			
5B. Benzo (a) Anthracene (56-55-3)	1	ug/L	lbs./day			
6B.Benzo(a)Pyrene (50-32-8)	1	ug/L	lbs./day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	1	ug/L	lbs./day			
8B. Benzo (ghi) Perylene (191-24-2)	1	ug/L	lbs./day			
9B. Benzo (k) Fluoranthene (207-08-9)	1	ug/L	lbs./day			
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	1	ug/L	lbs./day			
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	1	ug/L	lbs./day			
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	1	ug/L	lbs./day			
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	1	ug/L	lbs./day			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	1	ug/L	lbs./day			
15B. Butyl Benzyl Phthalate (85-86-7)	1	ug/L	lbs./day			
16B. 2-Chloro-naphthalene (91-58-7)	1	ug/L	lbs./day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	1	ug/L	lbs./day			
18B. Chrysene (218-01-9)	1	ug/L	lbs./day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	1	ug/L	lbs./day			
20B. 1,2-Dichloro-benzene(95-50-1)	1	ug/L	lbs./day			
21B. 1,3-Dichloro-benzene (541-73-1)	1	ug/L	lbs./day			
22B. 1,4-Dichloro-benzene (106-46-7)	1	ug/L	lbs./day			
23B. 3,3-Dichloro-benzidine (91-94-1)	1	ug/L	lbs./day			
24B. Diethyl Phthalate (84-66-2)	1	ug/L	lbs./day			
25B. Dimethyl Phthalate (131-11-3)	1	ug/L	lbs./day			

26B. Di-N-Butyl Phthalate (84-74-2)	1	ug/L	lbs./day			
27B. 2,4-Dinitro-toluene (121-14-2)	1	ug/L	lbs./day			
28B. 2,6-Dinitro-toluene (206-20-2)	1	ug/L	lbs./day			
29B. Di-N-Octyl Phthalate (117-84-0)	1	ug/L	lbs./day			
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	1	ug/L	lbs./day			
31B. Fluoranthene (206-44-0)	1	ug/L	lbs./day			
32B. Fluorene (86-73-7)	1	ug/L	lbs./day			
33B. Hexa-chlorobenzene (118-71-1)	1	ug/L	lbs./day			
34B. Hexa-chlorobutadiene (87-68-3)	1	ug/L	lbs./day			
35B. Hexachloro-cyclopentadiene (77-47-4)	1	ug/L	lbs./day			
36B. Hexachloro-ethane (67-72-1)	1	ug/L	lbs./day			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	1	ug/L	lbs./day			
38B. Isophorone (78-59-1)	1	ug/L	lbs./day			
39B. Naphthalene (91-20-3)	1	ug/L	lbs./day			
40B. Nitrobenzene (98-95-3)	1	ug/L	lbs./day			
41B. N-Nitro-sodimethylamine(62-75-9)	1	ug/L	lbs./day			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	1	ug/L	lbs./day			
43B. N-Nitro-sodiphenylamine (86-30-6)	1	ug/L	lbs./day			
44B. Phenanthrene (85-01-8)	1	ug/L	lbs./day			
45B. Pyrene (129-00-0)	1	ug/L	lbs./day			
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	1	ug/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☐ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	◉	<.000363	n/a	n/a	n/a	n/a	n/a
2P. -BHC (319-84-6)	☐	○	◉	<.000243	n/a	n/a	n/a	n/a	n/a
3P. -BHC (319-85-7)	☐	○	◉	<.000373	n/a	n/a	n/a	n/a	n/a
4P. -BHC (58-89-9)	☐	◉	○	0.00147	0.000004	n/a	n/a	n/a	n/a
5P. -BHC (319-86-8)	☐	○	◉	<.000655	n/a	n/a	n/a	n/a	n/a
6P. Chlordane (57-74-9)	☐	○	◉	<0.00741	n/a	n/a	n/a	n/a	n/a
7P. 4,4-DDT (50-29-3)	☐	○	◉	<.000303	n/a	n/a	n/a	n/a	n/a
8P. 4,4-DDE (72-55-9)	☐	○	◉	<.000301	n/a	n/a	n/a	n/a	n/a
9P. 4,4-DDD (72-54-8)	☐	○	◉	<.000545	n/a	n/a	n/a	n/a	n/a
10P. Dieldrin (60-57-1)	☐	○	◉	<.000280	n/a	n/a	n/a	n/a	n/a
11P. - Endosulfan (115-29-7)	☐	○	◉	<.000699	n/a	n/a	n/a	n/a	n/a
12P. - Endosulfan (115-29-7)	☐	○	◉	<.000322	n/a	n/a	n/a	n/a	n/a
13P. Endosulfan Sulfate (1031-07-8)	☐	○	◉	<.000651	n/a	n/a	n/a	n/a	n/a
14P. Endrin (72-20-8)	☐	○	◉	<.000233	n/a	n/a	n/a	n/a	n/a
15P. Endrin Aldehyde (7421-93-4)	☐	○	◉	<.000530	n/a	n/a	n/a	n/a	n/a
16P. Heptachlor (76-44-8)	☐	○	◉	<.000461	n/a	n/a	n/a	n/a	n/a
17P. Heptachlor Epoxide (1024-57-3)	☐	○	◉	<.000348	n/a	n/a	n/a	n/a	n/a
18P. PCB-1242 (53469-21-9)	☐	○	◉						
19P. PCB-1254 (11097-69-1)	☐	○	◉						
20P. PCB-1221 (11104-28-2)	☐	○	◉						
21P. PCB-1232 (11141-16-5)	☐	○	◉						

22P. PCB-1248 (12672-29-6)	☐	○	◉						
23P. PCB-1260 (11096-82-5)	☐	○	◉						
24P. PCB-1016 (12674-11-2)	☐	○	◉						
25P. Toxaphene (8001-35-2)	☐	○	◉	<0.0501	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)	1	ug/L	lbs./day			
2P. -BHC (319-85-7)	1	ug/L	lbs./day			
3P. -BHC (319-85-7)	1	ug/L	lbs./day			
4P. -BHC (58-89-9)	1	ug/L	lbs./day			
5P. -BHC (319-86-8)	1	ug/L	lbs./day			
6P. Chlordane (57-74-9)	1	ug/L	lbs./day			
7P. 4,4-DDT (50-29-3)	1	ug/L	lbs./day			
8P. 4,4-DDE (72-55-9)	1	ug/L	lbs./day			
9P. 4,4-DDD (72-54-8)	1	ug/L	lbs./day			
10P. Dieldrin (60-57-1)	1	ug/L	lbs./day			
11P. - Endosulfan (115-29-7)	1	ug/L	lbs./day			
12P. - Endosulfan (115-29-7)	1	ug/L	lbs./day			
13P. Endosulfan Sulfate (1031-07-8)	1	ug/L	lbs./day			
14P. Endrin (72-20-8)	1	ug/L	lbs./day			
15P. Endrin Aldehyde (7421-93-4)	1	ug/L	lbs./day			
16P. Heptachlor (76-44-8)	1	ug/L	lbs./day			
17P. Heptachlor Epoxide (1024-57-3)	1	ug/L	lbs./day			
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)							
25P. Toxaphene (8001-35-2)	1	ug/L	lbs./day				

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
	n/a					

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
	n/a					

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
	n/a						

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☐ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	◉	○	Monitoring requirement based on scrubber module metallurgy

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	012
B.	Latitude:	39 ° 23 ' 27 "
C.	Longitude:	80 ° 19 ' 21 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0
E.	Immediate Receiving Water (include all streams to Major Basin):	

☐ Unnamed Tributary of

Robinson Run	
tributary of	tributary of
West Fork River	
tributary of	tributary of

Major Basin: West Fork River

F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	1620 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	◯	◯						
23P. PCB-1260 (11096-82-5)	☐	◯	◯						
24P. PCB-1016 (12674-11-2)	☐	◯	◯						
25P. Toxaphene (8001-35-2)	☐	◯	◯						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	0.549	0.549	0.549	0.549	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	28	5	<11	5	5	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0992	<0.1422	<0.0992	<0.1422	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	5.3	Maximum	6.94		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	5.45	0.1565	2.2111	0.1565	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.2989	0.1802	0.2989	0.1802	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	2.28	2.29	2.28	2.29	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.169	0.176	0.169	0.176	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	23.986	0.593	6.70	0.593	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.3426	0.2430	0.271	0.2430	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000005	N/A	0.0000005	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	779	779	779	779	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1495	1510	1495	1510	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	222	196	222	196	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.097	0.14	0.097	0.14	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.0146	0.0136	0.0146	0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.019	<0.019	<0.019	<0.019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	0.0144	0.0136	0.0144	0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	23.986	0.593	6.70	0.593	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000005	N/A	0.0000005	N/A	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	69.371	61.474	69.371	61.474	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	<0.119	<0.119	<0.119	<0.119	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0536	0.0508	0.0536	0.0508	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	<0.12	<0.12	<0.12	<0.12	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	0.0118	0.0147	0.0118	0.0147	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	779	779	779	779	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1495	1510	1495	1510	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	<0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	0.000325	0.000301	0.000325	0.000301	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.167	1,152	1.167	1.152	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	0.0684	0.0703	0.0684	0.0703	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	<10	N/A	<10	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.2989	0.1802	0.2989	0.1802	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	222	196	222	196	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.097	0.14	0.097	0.14	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	PriorRain

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉
Xylene	○	◉
Xylenol	○	◉
Zirconium	○	◉

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	013
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 23 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0
E.	Immediate Receiving Water (include all streams to Major Basin):	

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	55542 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
				(1) CONC	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	2.684	4.819	2.684	4.818	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	20	10	14	10	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0982	<0.0992	<0.0982	<0.0992	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	7.5	Maximum	8.0		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.5947	<0.0742	<0.2432	<0.0742	4	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	0.000737	0.000792	0.000737	0.000792	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.1781	0.5451	0.1781	0.5451	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	6.69	6.38	6.69	6.38	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.335	0.304	0.335	0.304	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	6.34	1.17	3.52	1.17	4	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.1448	0.1068	0.1174	0.1068	4	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000054	N/A	0.0000054	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.003436	0.002326	0.003436	0.002326	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	591	590	591	590	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1375	1335	1375	1335	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	186	199	186	199	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.096	0.097	0.096	0.097	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.1781	0.5451	0.1781	0.5451	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.01812	0.01927	0.01812	0.01927	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.095	<0.095	<0.095	<0.095	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.0019	<0.0019	<0.0019	<0.0019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	<10	N/A	<10	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	6.34	1.17	3.52	1.17	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000054	N/A	0.0000054	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	60.226	61.798	60.226	61.798	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.003436	0.002326	0.003436	0.002326	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	<0.119	<0.119	<0.119	<0.119	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.010223	0.010036	0.010223	0.010036	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	<0.12	<0.12	<0.12	<0.12	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	0.0176	<0.005	0.0176	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	591	590	591	590	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1375	1335	1375	1335	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	<0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.577	1.608	1.577	1.608	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	<0.012	<0.012	<0.012	<0.012	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenolics	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	186	199	186	199	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.096	0.097	0.096	0.097	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	014
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 35 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	68910 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	◯	◯						
23P. PCB-1260 (11096-82-5)	☐	◯	◯						
24P. PCB-1016 (12674-11-2)	☐	◯	◯						
25P. Toxaphene (8001-35-2)	☐	◯	◯						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	2.684	4.819	2.684	4.819	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	74	28	38	28	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0352	<0.0342	<0.0352	<0.0342	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	7.2	Maximum	7.6		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	1.22	<0.0742	<0.29	<0.0742	4	Stormwater Runoff & AMD
Arsenic	0.003121	0.002274	0.003121	0.002274	1	Stormwater Runoff & AMD
Boron	0.1273	0.1244	0.1273	0.1244	1	Stormwater Runoff & AMD
Calcium	232	221	232	221	1	Stormwater Runoff & AMD
Chloride	3.34	3.38	3.34	3.38	1	Stormwater Runoff & AMD
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD
Fluoride	0.325	0.332	0.325	0.332	1	Stormwater Runoff & AMD
Iron	35.613	10.295	16.610	10.295	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.685	0.6325	0.654	0.6325	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.03	0.032	0.03	0.032	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1765	1830	1765	1830	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.0052	0.0045	0.0052	0.0045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000010	N/A	0.0000010	N/A	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.127	0.124	0.127	0.124	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	<0.0136	<0.0136	<0.0136	<0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.095	<0.095	<0.095	<0.095	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.0019	<0.0019	<0.0019	<0.0019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	70	N/A	70	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	35.613	10.295	16.610	10.295	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000010	N/A	0.0000010	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	56.692	54.104	56.692	54.104	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	0.176	<0.119	0.176	<0.119	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0100	0.0090	0.0100	0.0090	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	0.176	<0.12	0.176	<0.12	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	<0.005	<0.005	<0.005	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1765	1830	1765	1830	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.0052	0.0045	0.0052	0.00454	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.02	1.22	1.02	1.22	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	0.25	0.19	0.25	0.19	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	<0.0026	<0.0026	<0.0026	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenolics	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/a	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	232	221	232	221	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.03	0.03	0.03	0.03	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	PriorRain

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	015
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 41 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0
E.	Immediate Receiving Water (include all streams to Major Basin):	

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

Major Basin:	West Fork River
F. Geospatial Method	GPS/GNSS
Datum:	Unknown
G. Actual Average Flow	58320 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	N/A				0	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	N/A				0	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	N/A				0	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	34	N/A	26	N/A	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	N/A				0	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	N/A				0	Stormwater Runoff & AMD
Total Phosphorus	N/A				0	Stormwater Runoff & AMD
pH	Minimum	7.26	Maximum	7.84		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.8697	N/A	0.3715	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	17.175	N/A	11.0	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.7808	N/A	0.401	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	17.175	N/A	11.0	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
N/A							

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	018
B.	Latitude:	39 ° 23 ' 36 "
C.	Longitude:	80 ° 19 ' 29 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	92620 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
				(1) CONC	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff
Biological Oxygen demand (BOD5)	3.12	3.17	3.12	3.17	1	Stormwater Runoff
Chemical Oxygen Demand (COD)	32.58	30.44	32.58	30.44	1	Stormwater Runoff
Total Suspended Solids (TSS)	15	4	15	4	1	Stormwater Runoff
Total Kjeldahl Nitrogen	2.11	1.33	2.11	1.33	1	Stormwater Runoff
Nitrite plus Nitrate Nitrogen	0.561	1.044	0.561	1.044	1	Stormwater Runoff
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff
pH	Minimum	7.1	Maximum	7.7		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.1925	0.1184	0.1925	0.1184	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	0.00304	0.00263	0.00304	0.00263	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.933	0.621	0.933	0.621	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	60	25.7	60	25.7	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.19	0.156	0.19	0.156	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	0.2226	0.1437	0.2226	0.1437	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.0146	0.0068	0.0146	0.0068	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000061	N/A	0.0000061	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.0170	0.01351	0.0170	0.01351	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	341	161	341	161	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	852	448	852	448	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.005393	0.003545	0.005393	0.003545	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	0.002046	0.001952	0.002046	0.001952	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	169	85.748	169	85.748	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	2.67	2.13	2.67	2.13	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.0034	<0.0034	<0.0034	<0.0034	1	Stormwater Runoff

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.0923	0.0513	0.0923	0.0513	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00022	<0.00022	<0.00022	<0.00022	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	1.23	0.527	1.23	0.527	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.000475	<0.000475	<0.000475	<0.000475	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	0.2226	0.1437	0.2226	0.1437	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000061	N/A	0.0000061	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	23.406	13.327	23.406	13.327	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.0170	0.01351	0.0170	0.01351	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	0.193	0.146	0.193	0.146	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0025	<0.0014	0.0025	<0.0014	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	1.92	1.18	1.92	1.18	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	<0.005	<0.005	<0.005	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	341	161	341	161	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	852	448	852	448	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.005393	0.003545	0.005393	0.003545	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	9.145	9.153	9.145	9.153	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	<0.012	<0.012	<0.012	<0.012	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	1000	N/A	1000	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.933	0.621	0.933	0.621	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	169	85.748	169	85.748	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	2.67	2.13	2.67	2.13	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0034	<0.0034	<0.0034	<0.0034	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Hexavalent Chromium	<0.0007	N/A	<0.0007	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
11/11/2020	780	1.20	9 days	74.48	15436 est	Fall	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Storm Water Outlet 018 is described as "Main Valley Clean Water Diversion Pipe (84"). Outlet 018 very rarely flows and was therefore only capable of being sampled only once during the one-year December 1, 2019 through November 30, 2020 renewal data period. Outlet 018 only discharged a total of six times between the last permit reissuance date of January 1, 2016 and January 5, 2021. Harrison has been required to monitor the rainfall amounts and flow/sampling status and to report these on a monthly basis as part of the DMR submittal. See attachment: "Harrison Rainfall Amounts and Outlet 018 Stormwater Sampling Efforts 2016-2020". In the rare instances when Outlet 018 flows, it discharges to the Robinson Run tributary of the West Fork River.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	020
B.	Latitude:	39 ° 23 ' 34 "
C.	Longitude:	80 ° 19 ' 25 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

Robinson Run	West Fork RIver
tributary of	tributary of
tributary of	tributary of

Major Basin: West Fork River

F. Geospatial Method: GPS/GNSS

Datum: Unknown

G. Actual Average Flow: 8196140 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
				(1) CONC	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Biological Oxygen demand (BOD5)	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Chemical Oxygen Demand (COD)	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Total Suspended Solids (TSS)	25	N/A	14	N/A	5	Stormwater Runoff
Total Kjeldahl Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Nitrite plus Nitrate Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Total Phosphorus	N/A	N/A	N/A	N/A	0	Stormwater Runoff
pH	Minimum	8.0	Maximum	8.9		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	2.8048	N/A	1.7456	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	2.9581	N/A	1.5137	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	3.110	N/A	2.445	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	741.00	N/A	504.00	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	<0.0007	N/A	<0.0007	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.313	N/A	0.255	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	184.000	N/A	132.690	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	1.8394	N/A	1.0094	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.113927	N/A	0.061685	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	1110.000	N/A	1044.000	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	4380	N/A	3670	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.026878	N/A	0.019988	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	0.0312	N/A	0.0204	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.055	N/A	<0.031	N/A	2	Stormwater Runoff

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	<0.0007	N/A	<0.0007	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	184.000	N/A	132.690	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.113927	N/A	0.061685	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	1.66	N/A	1.13	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	1110.000	N/A	1044.000	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	4380	N/A	3670	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.026878	N/A	0.19988	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	N/A	<0.000175	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	3.110	N/A	2.445	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.055	N/A	<0.031	N/A	2	Stormwater Runoff

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
7/29/2017	4300	3.24	1 since 2.89"	14800	N/A	Summer	Rainfall
9/10/2018	4300	5.06	4 days	5185	N/A	Summer	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Outlet 020 is the emergency discharge of Surface Impoundment No. 1 which has a retention time exceeding 24 hours.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	022
B.	Latitude:	39 ° 23 ' 39 "
C.	Longitude:	80 ° 19 ' 17 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☑ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	4320 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)							
25P. Toxaphene (8001-35-2)							

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	023
B.	Latitude:	39 ° 23 ' 52.4 "
C.	Longitude:	80 ° 20 ' 5.67 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☑ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	700 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	◯	◯						
23P. PCB-1260 (11096-82-5)	☐	◯	◯						
24P. PCB-1016 (12674-11-2)	☐	◯	◯						
25P. Toxaphene (8001-35-2)	☐	◯	◯						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉
Xylene	○	◉
Xylenol	○	◉
Zirconium	○	◉

Section XII: Certification

XII. CERTIFICATION (see instructions)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME: Gary J. Dinzeo

OFFICIAL TITLE: Director, Harrison Power Station

B. SIGNATURE _____

C. DATE SIGNED: 3/17/2021

Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.

Section XIV: Flows, Sources of Pollution and Treatment Technologies

XIV. FLOWS, SOURCES OF POLLUTION AND TREATMENT TECHNOLOGIES

A. Include with this application:

(1) A site layout drawing (see instructions for precise details);

See Attached

☑ (2) A line drawing showing the water flow through the facility (see details and Figure 1 of the instructions for an example); and Figure 1

(3) Details and drawings of each treatment unit (see instructions for precise details).

See Attached

B. For each outlet provide a description of: (1)(a) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff (including material handling and storage area run-off and areas where pesticides, herbicides, soil conditioners and fertilizers are applied); (1)(b) The average flow contributed by each operation; and (2) The treatment received by the wastewater. Use the table below to enter this information. For additional outlets click the **Add 1 Row** button.

	Outlet Number (list):	008
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Surface Impoundment No. 1, Constructed Wetlands Treatment System, and the sediment basin located at the southeast side of the haul road bridge.
b.	Average Flow (mgd):	0.44409
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	012
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	013
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	014
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	015
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	018
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A

	Outlet Number (list):	020
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff. Emergency overflow of Surface Impoundment No. 1
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	022
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff. Emergency Overflow from constructed treatment wetlands
b.	Average Flow (mgd):	Flow depends on storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	023
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM01
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase I
b.	Average Flow (mgd):	0.01134
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM02
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase I
b.	Average Flow (mgd):	0.00675
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM03
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Stages I & II
b.	Average Flow (mgd):	0.01269
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U

	Outlet Number (list):	LM04
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Stages I & II
b.	Average Flow (mgd):	0.00735
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM05
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase III
b.	Average Flow (mgd):	0.01812
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM06
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase III
b.	Average Flow (mgd):	0.01209
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM07
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase IV A & B
b.	Average Flow (mgd):	0.12772
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM08
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase IV A & B
b.	Average Flow (mgd):	0.01934
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM09
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Formerly 1308LCLU
b.	Average Flow (mgd):	0.01962
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM10
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCUU Phase IV A & B & U
b.	Average Flow (mgd):	0.0771
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U

	Outlet Number (list):	LM11
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS for Cells A & B of Surface Impoundment No. 1
b.	Average Flow (mgd):	0.00216
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM12
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LD Impoundment Cell C
b.	Average Flow (mgd):	0.02635
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM13
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Equalization Basin 1
b.	Average Flow (mgd):	0.15086
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM14
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Equalization Basin 2
b.	Average Flow (mgd):	0.1644
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM15
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 1
b.	Average Flow (mgd):	0.1704
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM16
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 2
b.	Average Flow (mgd):	0.1680
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM17
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 3
b.	Average Flow (mgd):	0.1692
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U

	Outlet Number (list):	LM18
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Discharge from Wetlands Vegetative Cell 3
b.	Average Flow (mgd):	0.15055
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM19
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Cell 4
b.	Average Flow (mgd):	0.1656
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM20
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Cell 5
b.	Average Flow (mgd):	0.14269
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM21
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Discharge from Wetlands Weir Box
b.	Average Flow (mgd):	0.19390
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	MW05
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW17
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW18
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A

	Outlet Number (list):	MW19
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW20
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items XIV-A or B intermittent or seasonal?

○ Yes (complete the following table) ◉ No (go to Section XV)

1.	Outlet Number (list):	008
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	012
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	013
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	014
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	015
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	020
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	022
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	023
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM01
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM02
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM03
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM04
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM05
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM06
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM07
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM08
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM09
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM10
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM11
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM12
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM13
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM14
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM15
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM16
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM17
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM18
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM19
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM20
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM21
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	MW05
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	MW17
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	MW18
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	MW19
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	MW20
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

Section XV: Effluent Guideline Information

XV. EFFLUENT GUIDELINE INFORMATION (see instructions)

A. Does an effluent guideline limitation promulgated by EPA under 304 of the Clean Water Act apply to your facility?

(●) Yes (complete Item XV-B&C) ( ) No (go to Item XVI)

B. What specific effluent guideline(s) apply to your operation? Include appropriate subcategory of industry.

40 CFR Part 423 - Steam Electric Power Generation Point Source Category

C. Are limitations in the applicable effluent guideline expressed in terms of production?

( ) Yes (complete XV-D) (●) No (go to Item XV-E)

D. List the quantity which represents an actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outlets. Please use the Quantity table below.

Please fill out the form below for each affected outlet

E. Provide the appropriate basis for calculating guideline based effluent limitations.

Applicable Effluent Guidelines are concentration based.

1.MAXIMUM QUANTITY a.Quantity/day	1.MAXIMUM QUANTITY b.Units of Measure	1.MAXIMUM QUANTITY c.Operation, product, material, etc. (specify)	2.AFFECTED OUTLETS (list outlet numbers)

Section XVI: Improvements

XVI. IMPROVEMENTS

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

(●) Yes (complete the following table) ( ) No (go to Item XVI-B)

1. Identification of Condition Agreement, etc: Modification 3 to WV0075795 issued April 17, 2018

2. Affected Outlets:
   a. Number: 008
   b. Source of Discharge: Imp1, Wetlnd, Basin

3. Brief Description of Project: Mercury limit compliance

4. Final Compliance Date:
   a. Required: Mod 6 Issued
   b. Projected: Uncertain

XVI B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

If description of additional control programs is attached. ○ Paper ◉ Electronic

Section XVIII: Potential Discharges not Covered by Analysis

XVIII. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Provide a list of any toxic pollutant not otherwise listed in Item XVII-C which you do or expect that you will over the next 5 years use or manufacture as an immediate of final product or byproduct. Also list sources and expected levels of such pollutants and provide MATERIAL SAFETY DATA SHEETS (MSDS) for each pollutant listed. Continue on additional sheets if necessary.

None, not applicable

B. Provide a listing and frequency of all chemical or treatment agents used in cooling water systems, boiler water systems, well redevelopment operations, and each wastewater treatment system utilized. Also list all pesticides, herbicides, soil conditioners and fertilizers used at this site, and provide MSDS Sheets for each agent list. Continue on additional sheets if necessary.

See attached Chemical Usage listing (rev. 12/10/2020) and associated SDS sheets

Section XIX: Biological Toxicity Testing Data

XIX. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

◉ Yes (identify the test(s) and describe their purpose) ○ No (go to Item XX)

Under the current permit Acute Toxicity testing has been required biannually at Outlet 008 for Ceriodaphnia dubia and Pimephales promelas. The results of these test are submitted for the Reporting Periods ending April 30 and October 31.

Or, you can attach a document: ○ Paper ○ Electronic

Section XX: Sampling and Analysis Information

XX. SAMPLING AND ANALYSIS INFORMATION

A. Sampling Method: Briefly describe procedure followed including type of equipment or collection apparatus used.

Grab Sample: Individual samples collected in less than 15 minutes using the appropriate containers and preservatives for the parameters to be analyzed.

Composite Sample: A combination of individual samples obtained at regular intervals over a 24-hour period. For storm water sampling the compositing time is three hours. The volume of each sample is proportionate to the discharge flow.

B. Were sample preservatives used? (●) Yes ( ) No

C. Was the latest approved edition of Standard Methods used during analysis?

(●) Yes (go to XX-E) ( ) No (complete Item XX-D)

D. Describe method used during analysis.

E.Outlet Sampled	F.Time Sampled	G.Date Sampled	H.Date Analyzed	I Name and Address of Laboratory
008	13:17	11/01/2020	11/01/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330 Eurofins TestAmerica, WV-142, 301 Alpha Drive, RIDC Park, Pittsburgh,
012	10:35	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
013	11:18	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
014	11:41	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
015	08:01	07/21/2020	07/21/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330

018	12:09	11/11/2020	11/11/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330

J. Has the laboratory in Item XX-I received any required certification to perform the waste analysis associated with this application?

(●) Yes (complete Item XX-K) ( ) No (go to Item XX-L)

K. Provide the name and address of certifying agency.

Each of the listed laboratories maintains continuous WVDEP Laboratory Quality Assurance Program (QAP) Certification

L. Has any Performance Audit Inspection (PAI) been performed at the laboratory listed in Item XX-I?

(●) Yes (complete Item XX-M) ( ) No (go to Item XXI)

M. Provide the name and address of the agency conducting the audit and the date of the most recent audit performed.

Beta Lab, last WVDEP QAP Inspection 10/09/2020 by Tommy W. Smith III. Renewed certification document remained pending 12/23/2020.
Harrison Power Station Lab, last WVDEP QAP inspection 1/28/2020 by Kelly Kinder. Certification current through May 31, 2021.
Reliance Lab, last WVDEP QAP inspection 1/27/2020.
Eurofins Test America, WVDEP Certified Lab No. 142, QAP Certification valid through 2/21/2021 at time of analyses.

Section XXI: Sludge Disposal

Does or will your facility generate sludges, other solid wastes, or other pollutants for disposal?

(●) Yes (complete A and B below) ( ) No (go to XXII)

A. Describe method of disposal (landfill, incineration, other)

On-site disposal - Landfilled

B. Submit name, location, Agency issuing permit for landfill and attach letter of acceptance of wastes from disposal operator if other than "on-site".

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Section XXI Waste: Industrial Solid Waste Disposal Facility

A. Is this application being submitted to obtain a permit to operate and/or monitor an Industrial Solid Waste Disposal Facility?

(●) Yes ( ) No

Please complete and attach the Application Requirements for a Class F Industrial Solid Waste Facility document.

Section XXII: Operation and Maintenance

A. Has a Best Management Practice (BMP) plan been developed for your facility?

(●) Yes ( ) No

B. Specify a plan of maintenance for each treatment unit described in Item XIV-B.

Or, attach a document ( ) Paper (●) Electronic

1. Outlet Number	2. Treatment Unit	3. Plan of Maintenance
008	Chemical Oxidation, Chemical Precipitation, Sedimentation	Part of Modification #5 addressed the installation of a two-chambered concrete collection aeration/chemical sump at the toe of the existing landfill. Experience thus far is showing very little sediment accumulation with this sump itself. Ongoing chemical monitoring is performed at the discharge of the sump to the inlet of Surface Impoundment No. 1. Changes in monitored parameters will be considered indicators of the need to lower sump levels for cleaning and aeration nozzle replacements. However, these will occur on an as-needed, rather than scheduled basis. Sediments accumulating in the Surface Impoundment will continue to be dredged when approaching 60% of basin cell capacities.
022	Sedimentation	Dredge when approaching 60% of basin capacity.
023	Sedimentation	Dredge when approaching 60% of basin capacity.

C. Describe means of coping with inplant spills and upsets and practices to be employed during idle periods caused by power failures, repairs, etc. in the treatment units.

An Integrated Contingency Plan (ICP) & Spill Prevention Response Plan (SPR) describes emergency responses to be implemented by Station personnel in the event of a spill.

D. Describe provisions for coping with spills at barge, rail or truck loading and unloading facilities.

Refer to ICP Plan described by Item C, above, attached.

Section A: GPP Facility

1. Name and Address of Facility

a. Facility Name: Harrison Powder Station CCR Landfill

b. Location (Street or Highway): State Route No. 20

City: Haywood

Postal Code: 26366 PostalCode Ref.

Facility Telephone Number: 304-584-2233 (###-###-####)

c. County: Harrison

d. Latitude:

Degrees: 39 Minutes: 24 Seconds: 28.6 **N** (ss.ssss)

Longitude:

Degrees: 80 Minutes: 19 Seconds: 26.28 **W** (ss.ssss) *Interactive Mapper*

Geospatial Method: Topograhic Map

Datum: NAD27

☑ Is the Mailing Address of this Facility different from Facility Address?

e. Facility Address:

Address Line 1:	Harrison Power Station
Address Line 2:	P.O. Box 600
Address City:	Haywood
Address State:	West Virginia
Address Postal Code:	26366 PostalCode Ref.
Email Address:	gdinzeo@firstenergycorp.com
Country:	United States of America

2. Person Developing the GPP

a. Name:	Edward J. Newbaker IV
b. Address Line 1:	800 Cabin Hill Drive
Address Line 2:	
Address City:	Greensburg
Address State:	PA
Address Postal Code:	15601 PostalCode Ref.
c. Telephone No.:	724-838-6574 (###-###-####)
Email Address:	enewbaker_iv@firstenergycorp.com
Country:	United States of America

3. Person Responsible for Implementing GPP

a. Name:	Gary J. Dinzeo, Director
b. Address Line 1:	Harrison Power Station
Address Line 2:	P.O. Box 600
Address City:	Haywood
Address State:	West Virginia
Address Postal Code:	26366 PostalCode Ref.
c. Telephone No.:	304-584-2233 (###-###-####)
d. Email Address:	gdinzeo@firstenergycorp.com

4.
Brief Description of Facility Operation:

See comprehensive facility GPP loaded to this section as an attachment.

Section B: GPP Section B

2. Person Developing GPP

List all the activities that are conducted at your facility that require a GPP (grading, concrete/asphalt work, painting, stucco, storing fuel, fertilizer and other chemicals, etc.). List actual activities; do not quote the regulation.

See comprehensive facility GPP loaded to this section as an attachment.

Say: store diesel fuel in 1,000-gallon underground storage tank.
Don't say: "Storing, treating, disposing, or related handling of hazardous waste…….in tanks, drums, or other containers, or in piles."
Include all activities at your site subject to the regulation, even if protective practices are already being implemented.

See comprehensive facility GPP loaded to this section as an attachment.

Give complete details about aboveground and underground tanks, including

1. Number of each type of tank
2. Capacity of each tank
3. Identification of contents of each tank

See comprehensive facility GPP loaded to this section as an attachment.

Section C: GPP Section C

- For each activity listed in Section B, describe the practice (BMP) that will be used to protect groundwater. The BMPs must be described. Simply stating that BMPs will be used is unacceptable.
- Practices in SPCC or Storm Water Pollution Prevention Plans (SWPPP) may be used in the GPP provided, that they are equally protective of groundwater.
- Include all activities at your site subject to the regulation, even if protective practices are already being implemented.
- Information about secondary containment for ASTs must include the kind of material (metal, concrete, asphalt) making up the floor and berms (sides) of the containment area.
- Tanks that are double-walled are considered secondarily contained.

See comprehensive facility GPP loaded to this section as an attachment.

Section D: GPP Section D

- The GPP must be implemented upon approval.
  Having a GPP on file in an office somewhere does not keep a facility in compliance WV0115924. The GPP must be retained and implemented at the site for which it was developed.
- Procedures for protecting groundwater when designing and adding new equipment and operations. Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.
- The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

See comprehensive facility GPP loaded to this section as an attachment.

Section E: GPP Section E

- You are developing a Groundwater Protection Plan; therefore, training must focus on groundwater protection.
- Training must include educating the employees about the importance of groundwater protection and include all aspects of the GPP.
- Briefly describe topics to be covered in training the employees about groundwater protection practices.
- Procedures for protecting groundwater when designing and adding new equipment and operations. Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.
- The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

See comprehensive facility GPP loaded to this section as an attachment.

Section F; GPP Section F

Inspections are conducted to insure that the practices selected to prevent groundwater pollution are being used and are properly functioning.

- State the frequency of the inspections and what is to be inspected.
- Include an Inspection Checklist. The checklist is documentation that you are implementing the GPP. The checklist must include date, name of inspector, what is to be inspected, observations, actions taken, if any.

See comprehensive facility GPP loaded to this section as an attachment.

Section G: GPP Section G

- Waste material will not be used for deicing, fill, or any other use, unless that use is allowed by regulation or permit.

See comprehensive facility GPP loaded to this section as an attachment.

Section H: GPP Section H

- Material Safety Data Sheets or Safety Data Sheets shall be provided for all chemicals, or substances, used or stored on site.

See comprehensive facility GPP loaded to this section as an attachment. See also comprehensive ICP attached to this application.

Section I: GPP Section I

- Provide all available groundwater quality data for the facility as well as well locations or other sampling points.

See comprehensive facility GPP loaded to this section as an attachment.

Section J: GPP Section J

(a) Sinkhole Mitigation shall be carried out according to the WVDEP Sinkhole Mitigation Guidance Document (August 2005, revised 2018), or other applicable standards as recommended by the G or PE and approved by the West Virginia Department of Environmental Protection (WVDEP).

Design Requirements

1. The location of all sinkholes shall be shown on the existing conditions scale drawing, included with the preliminary plan submission. The edge of the sinkhole is to be considered the last closed contour based on five foot (5') contour mapping.
2. All sinkholes identified prior to construction shall be either remediated or separated from construction by a minimum one hundred-feet (100').
3. Remediation shall be carried out under the direction of a qualified Geologist or Geotechnical Engineer. Mitigation shall be carried out according to the WVDEP Sinkhole Management Guidance Document (August 2005 et. seq.), or other applicable standards as recommended by the G or PE and approved by the WVDEP.
4. Any improvements planned to fall within one hundred feet (100') of any sinkhole (remediated or not), shall require a thorough subsurface investigation conducted by a qualified G or PE to ensure that the planned improvements do not present a threat to human health, safety, or the environment. Should these investigations detect previously unknown sinkhole features, paragraph 2 applies.
5. For any subsurface investigations requiring boreholes, such as air track drilling or rock coring, the boreholes must be grouted upon completion. All air track drilling operations used to determine the depth of overburden and continuity of bedrock shall be monitored full-time by a G or PE or other qualified individual.
6. Underground utilities located within one-hundred feet (100') of a karst feature, then a dike of clay or other suitable material shall be placed across the trench at twenty-foot (20') intervals or less along the entire length which passes through the one hundred foot (100') radius, or as directed by a G or PE.
7. Do not apply any fertilizer, pesticides, or other chemicals within at least one-hundred feet (100') of a sinkhole.
8. Immediately (within 24 hours) after disturbing any soil, lightly fertilize, seed, and mulch the area to control erosion. A geotextile may be needed on steep slopes.
9. At least one subsurface cross section should be submitted with the storm water plan, showing confining layers, depth to bedrock, and water table, if encountered. It should extend through the centerline of any proposed impounding storm water facility.
10. Natural karst swales should be protected whenever possible as an effective element in storm water design in karst regions.

See comprehensive facility GPP loaded to this section as an attachment.

Certification: GPP Certification

- The person who can make the managerial and/or financial decisions that are required to implement your plan should be the one signing the certification statement.

- Use the following certification statement verbatim.

  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  Use the following certification statement verbatim.

Designated Representative: Gary J. Dinzeo

Title: Director, Harrison Power Station

Signature: _____

Date: 2/25/2021

Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.

Form: Statement For Billing, Class II

The Monongahela Power Company , of which I am an
name of company or facility
authorized representative, has applied for a West Virginia National Pollutant Discharge Elimination System permit from the West Virginia Department of Environmental Protection, Division of Water Resources. Under the West Virginia Legislative Rules, Title 33, Series I, Section 3.21.3.b, the costs of publishing a Class II legal advertisement are to be paid by the applicant who must also send the certificate of publication to the Division of Water Resources within twenty (20) days after publication.

The Monongahela Power Company , hereby agrees to pay
name of company or facility
the cost of such legal advertisement. The publishing newspaper should send the certificate of publication and bill to, company or facility name and address:

Name:	Monongahela Power Company
Line 1:	800 Cabin Hill Drive
Line 2:	
Country:	United States of America
City:	Greensburg
State:	Pennsylvania
Zip:	15601 PostalCode Ref.

William E. Cannon (authorized representative) 724-838-6018 (###-###-####) (area code phone number)

_____
Signature of Authorized Representative

Sworn and subscribed to before me this_____ day of _____ , 20_____.

_____
Notary Public

_____
Commission Expires

Sections I - III: Facility Information

I. NAME OF FACILITY:
Harrison Power Station CCR Landfill

II. FACILITY CONTACT:
A. Name(last, first): Dinzeo, Gary
Title: Director, Harrison Power Station
B. Phone number: 304-584-2233 *(###-###-####)*

III. FACILITY MAILING ADDRESS:
A. Street or Post Office Box:
Address Line 1: P.O. Box 600
Address Line 2:
B. City: Haywood
C. State: West Virginia
D. Zip: 26366

Section IV: Facility Location

IV. FACILITY LOCATION:
A. Street, Route No. or other specific identifier:
State Route No. 20
B. City, Town or Nearest Post Office:
Haywood
C. County: Harrison
D. Zip: 26366

Directions to Facility:
From South via I-79: Exit 121 (Johnson Ave.), left toward County Rt. 24/Meadowbrook Road, follow to right onto US-19N/WV20-N. Left where US-19N and WV-20N split to continue on WV-20. Follow WV-20 to right at Harrison Power Station, second gate, just before Haywood.

Section V: Ownership and Operator Information

V. OWNERSHIP INFORMATION:

A. Name: Monongahela Power Company

B. Phone: 724-838-6018 *(###-###-####)*

Attention: William E. Cannon / Environmental

Address of Owner:

Address Line 1: 800 CABIN HILL DRIVE

Address Line 2:

City: GREENSBURG

Country: United States of America

State: Pennsylvania

Zip: 15601-1689 PostalCode Ref.

Email Address: wcannon@firstenergycorp.com

C. Is name listed in Item V-A also the operator:

(●) Yes (go to Item V-E) ( ) No (complete V-D)

OPERATOR INFORMATION:

D. Name: Monongahela Power Company

Phone: 724-838-6018 *(###-###-####)*

Attention: William E. Cannon / Environmental

Address of Operator:

Address Line 1:

Address Line 2:

City:

Country: United States of America

State: West Virginia

Zip: PostalCode Ref.

Email Address: wcannon@firstenergycorp.com

E. Status of Operator (If "Other" specify)

( ) Federal ( ) State (●) Private

( ) Public ( ) Other Specify:

Section VI: Applicant Request

VI. APPLICANT REQUEST:

(●) 1. Allow sewage, industrial wastes or other wastes, or effluent therefrom, produced by or emanating from any point source, to flow into the waters of this State;

( ) 2. Make, cause or permit to be made any outlet, or substantially enlarge or add to the load of any existing outlet, for the discharge of sewage, industrial wastes or other wastes, or the effluent therefrom, into the waters of this State:

( ) 3. Acquire, construct, install, modify, or operate a disposal system or part thereof for the direct or indirect discharge or deposit of treated or untreated sewage, industrial wastes or other wastes, or the effluent therefrom, into the waters of this State, or any extension to or addition to such disposal system;

( ) 4. Increase in volume or concentration of any sewage, industrial wastes or other wastes in excess of the discharges or disposition specified or permitted under any existing permit;

( ) 5. Extend, modify or add to any point source, the operation of which would cause an increase in the volume or concentration of any sewage, industrial wastes discharging or flowing into the waters of this State;

Section VII: Reissuance of Existing Permits

VII. REISSUANCE OF EXISTING PERMITS:

A. Since issuance of your existing permit have you added any outlets, modified or added to your treatment or disposal system in any way, increased the volume or concentration or your waste(s) or waste stream(s), or extended, modified or added to your facility any operation which would cause an increase in the volume or concentration of waste(s) discharged?

○ Yes ◉ No (see instructions before completing remainder of this form)

Section VIII: SIC Codes

Primary SIC: 4953 Refuse systems

Secondary SIC:

Section IX: Existing Environmental Permits

IX. EXISTING ENVIRONMENTAL PERMITS (including other Division of Water and Waste Management Permits)

Issuing Agency and Address:	WVDEP
Type of Permit or License:	SW/NPDES
Permit Number:	WV0075795
Effective Date yr/mo/day:	11/01/2016
Expiration Date yr/mo/day:	09/18/2021
Issuing Agency and Address:	WVDEP
Type of Permit or License:	NPDES
Permit Number:	WV0005339
Effective Date yr/mo/day:	06/04/2011
Expiration Date yr/mo/day:	06/30/2015

Section X: Map or Drawing

X. MAP OR DRAWING:

A. Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all wells, sinkholes, springs, rivers and other surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant in the map area. See instructions for precise requirements.

Map attached how: ○ Paper ◉ Electronic

For attached SHP files, please select from below:

Datum: Projection:

Section XI: Nature of Business

XI. NATURE OF BUSINESS (provide a brief description)

A. Provide a brief description of the business.

Production and distribution of electric power services by investor-owner utility.

B. Do you qualify as a small business? (See instructions for qualification criteria)

○ Yes ◉ No

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	008
B.	Latitude:	39 ° 23 ' 20 "
C.	Longitude:	80 ° 19 ' 22 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.9

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

West Fork RIver	
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	370636 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☐ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	3.17	8.6190	3.17	8.6190	3.17	8.5918	2
b. Chemical Oxygen Demand	77.41	210.4719	77.41	210.4719	52.87	131.1576	4
c. Total Organic Carbon (TOC)	4.572	9.499	4.572	9.499	3.429	8.1756	4
d. Total Suspended Solids (TSS)	14	187.034	14	187.034	5	26.831	13
e. Ammonia *(as N)*	1.108	12.1572	1.108	12.1572	0.586	2.5734	14
f. Flow	VALUE	1.6019	VALUE	1.1412	VALUE	0.3706	26
g. Temperature *(winter)*	VALUE	Ambient	VALUE	Ambient	VALUE	Ambient	N/A
g. Temperature *(summer)*	VALUE	Ambient	VALUE	Ambient	VALUE	Ambient	N/A
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			13
	7.1	8.1	7.1	8.1			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	mg/L	lbs./day	see	attached	
b. Chemical Oxygen Demand	mg/L	lbs./day			
c. Total Organic Carbon (TOC)	mg/L	lbs./day			
d. Total Suspended Solids (TSS)	mg/L	lbs./day			
e. Ammonia *(as N)*	mg/L	lbs./day			
f. Flow	N/A	MGD	VALUE		
g. Temperature *(winter)*	Degree F	N/A	VALUE		
g. Temperature *(summer)*	Degree F	N/A	VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☐ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	◉	○	11.7	30.9957	11.7	30.9957	10.5	25.3802	4
b. Chloride	◉	○	856	8603.579	856	8603.579	545	2113.838	13
c. Chloride Residual	○	◉							
d. Color	◉	○	<1	N/A	<1	N/A	<1	NA	2
e. Fecal Coliform	◉	○	150	N/A	150	N/A	150	N/A	1
f. Fluoride (16984-48-8)	◉	○	0.495	4.3151	0.495	4.3151	0.317	1.1426	13
g. Nitrate-Nitrite *(as N)*	◉	○	0.1212	<0.3666	<0.0506	<0.3666	<0.029	<0.0842	16
h. Nitrogen, Total Organic *(as N)*	◉	○	2.12	5.7641	1.15	3.1295	1.15	3.1295	2
i. Oil and Grease	◉	○	1.9	5.1660	1.9	5.1660	<1.4	<4.0504	3
j. Phosphorus *(as P)*, Total (7723-14-0)	◉	○	<0.153	<0.4160	<0.153	<0.4160	<0.153	<0.3637	4
k. Radioactivity									
(1) Alpha, Total	○	◉							
(2) Beta, Total	○	◉							
(3) Radium, Total	○	◉							
(4) Radium 226, Total	○	◉							
l. Sulfate *(as SO_4)* (14808-79-8)	◉	○	1350	12958.8	1350	12958.8	1089	3893.8	13
m. Sulfide *(as S)*	◉	○	<1	<2.7189	<1	<2.7189	<1	<2.7189	2
n. Sulfite *(as SO_3)* (14265-45-3)	◉	○	<1	<2.7189	<1	<2.7189	<1	<2.7189	2
o. Surfactants	◉	○	0.28	0.7613	0.28	0.7613	0.14	0.4486	2
p. Aluminum, Total (7429-90-5)	◉	○	0.2322	3.1020	0.2322	3.1020	0.0766	0.4274	13

q. Barium, Total (7440-39-3)	◉	○	0.0701	0.1906	0.0701	0.1906	0.0560	0.1372	4
r. Boron, Total (7440-42-8)	◉	○	17.1550	51.3008	17.1550	51.3008	8.4837	23.4144	13
s. Cobalt, Total (7440-48-4)	◉	○	0.0011	0.0030	0.0011	0.0030	0.0009	0.0021	4
t. Iron, Total (7439-89-6)	◉	○	0.5241	2.7320	0.5241	2.7320	0.1677	0.6548	13
u. Magnesium, Total (7439-95-4)	◉	○	33.3680	81.6438	33.3680	81.6438	27.812	66.1406	4
v. Molybdenum Total (7439-98-7)	◉	○	1.2529	3.0344	1.2529	3.0344	0.3105	0.9904	13
w. Manganese, Total (7439-96-5)	◉	○	0.3877	5.1795	0.3877	5.1795	0.2335	1.0375	12
x. Tin, Total (7440-31-5)	◉	○	0.0093	0.0211	0.0093	0.0211	<0.005	<0.0161	3
y. Titanium, Total (7440-32-6)	◉	○	0.0115	0.1536	0.0115	0.1536	0.0058	0.0266	13

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
a. Bromide (24959-67-9)	mg/L	lbs./day	See	Attached	
b. Chloride	mg/L	lbs./day			
c. Chloride Residual	n/a	n/a			
d. Color	PCU	n/a			
e. Fecal Coliform	cnts/100ml	n/a			
f. Fluoride (16984-48-8)	mg/L	lbs./day			
g. Nitrate-Nitrite *(as N)*	mg/L	lbs./day			
h. Nitrogen, Total Organic *(as N)*	mg/L	lbs./day			
i. Oil and Grease	mg/L	lbs./day			
j. Phosphorus *(as P)*, Total (7723-14-0)	mg/L	lbs./day			
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)	mg/L	lbs./day			
m. Sulfide *(as S)*	mg/L	lbs./day			
n. Sulfite *(as SO_3)* (14265-45-3)	mg/L	lbs./day			
o. Surfactants	mg/L	lbs./day			
p. Aluminum, Total (7429-90-5)	mg/L	lbs./day			
q. Barium, Total (7440-39-3)	mg/L	lbs./day			
r. Boron, Total (7440-42-8)	mg/L	lbs./day			
s. Cobalt, Total (7440-48-4)	mg/L	lbs./day			
t. Iron, Total (7439-89-6)	mg/L	lbs./day			
u. Magnesium, Total (7439-95-4)	mg/L	lbs./day			
v. Molybdenum Total (7439-98-7)	mg/L	lbs./day			
w. Manganese, Total (7439-96-5)	mg/L	lbs./day			
x. Tin, Total (7440-31-5)	mg/L	lbs./day			
y. Titanium, Total (7440-32-6)	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☐ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☑	◉	○	0.0012	0.0032	0.0011	0.0027	0.0011	0.0027
2M. Arsenic, Total(7440-38-2)	☑	◉	○	0.0457	0.4403	0.0457	0.4403	0.0199	0.0969
3M.Beryllium, Total (74440-41-7)	☑	◉	○	0.0013	0.0026	0.0013	0.0026	0.0008	0.0017
4M. Cadmium, Total(7440-43-9)	☑	◉	○	0.0015	0.0034	0.0015	0.0034	0.0009	0.0021
5M.Chromium, Total(7440-47-3)	☑	◉	○	<0.0015	<0.0039	<0.0015	<0.0039	<0.0015	<0.0035
6M. Copper, Total(7550-50-8)	☑	◉	○	<0.0109	<0.0296	<0.0109	<0.0296	<0.0109	<0.0263
7M. Lead, Total (7439-97-6)	☑	◉	○	<0.0005	<0.0014	<0.0005	<0.0014	<0.0005	<0.0013
8M. Mercury, Total(7439-97-8)	☑	◉	○	0.000054	0.00016	0.000054	0.00016	0.000018	0.000043
9M. Nickel, Total(7440-02-0)	☑	◉	○	0.0120	0.0274	0.0120	0.0274	0.0052	<0.0136
10M. Selenium, Total(7782-49-2)	☑	◉	○	0.0040	<0.0454	0.0040	<0.0454	<0.0034	<0.0126
11M. Silver, Total(7440-22-4)	☑	◉	○	<0.00045	<0.0012	<0.00045	<0.0012	<0.00045	<0.0011
12M. Thallium, Total(7440-28-0)	☑	◉	○	<0.00017	<0.0005	<0.00017	<0.0005	<0.00017	<0.0005
13M. Zinc, Total(7440-66-6)	☑	◉	○	<0.0120	<0.0326	<0.0120	<0.0326	<0.0120	<0.0290
14M. Cyanide, Total(57-12-5)	☑	◉	○	<0.0026	<0.0071	<0.0026	<0.0071	<0.0026	<0.0071
15M. Phenols, Total	☑	◉	○	<0.002	<0.0054	<0.002	<0.0054	<0.002	<0.0054
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	◉	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)	4	mg/L	lbs./day			
2M. Arsenic, Total(7440-38-2)	13	mg/L	lbs./day			
3M.Beryllium, Total (74440-41-7)	4	mg/L	lbs./day			
4M. Cadmium, Total(7440-43-9)	4	mg/L	lbs./day			
5M.Chromium, Total(7440-47-3)	4	mg/L	lbs./day			
6M. Copper, Total(7550-50-8)	4	mg/L	lbs./day			
7M. Lead, Total (7439-97-6)	4	mg/L	lbs./day			
8M. Mercury, Total(7439-97-8)	12	mg/L	lbs./day			
9M. Nickel, Total(7440-02-0)	4	mg/L	lbs./day			
10M. Selenium, Total(7782-49-2)	13	mg/L	lbs./day			
11M. Silver, Total(7440-22-4)	4	mg/L	lbs./day			
12M. Thallium, Total(7440-28-0)	4	mg/L	lbs./day			
13M. Zinc, Total(7440-66-6)	4	mg/L	lbs./day			
14M. Cyanide, Total(57-12-5)	1	mg/L	lbs./day			
15M. Phenols, Total	1	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☐ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☑	◉	○	<0.01	N/A	n/a	n/a	n/a	n/a
2V. Acrylonitrile (107-13-1)	☑	◉	○	<0.005	N/A	n/a	n/a	n/a	n/a
3V. Benzene (71-43-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
4V. Bromoform (75-25-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
5V. Carbon Tetrachloride (56-23-5)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
6V. Chlorobenzene (108-90-7)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
7V. Chlorodi-bromomethene (124-48-1)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
8V. Chloroethane (75-00-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☑	◉	○	<0.005	N/A	n/a	n/a	n/a	n/a
10V. Chloroform (67-66-3)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
11V. Dichloro-bromomethane (75-27-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
12V. 1,1-Dichloro-ethane (75-34-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
13V. 1,2-Dichloro-ethane (107-06-2)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
14V. 1,1-Dichloro-ethylene (75-35-4)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
15V. 1,2-Dichloro-propane (78-87-5)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
16V. 1,3-Dichloro-propylene (542-75-6)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
17V. Ethylbenzene (100-41-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
18V. Methyl Bromide (74-83-9)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
19V. Methyl Chloride (74-87-3)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a

20V. Methylene Chloride (75-09-2)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
22V. Tetrachloro-ethylene(127-18-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a
23V. Toluene (108-88-3)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
25V. 1,1,1-Tri-chloroethane (71-55-6)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
26V. 1,1,2-Tri-chloroethane (79-00-5)	☑	◉	○	<0.003	N/A	n/a	n/a	n/a	n/a
27V. Trichloro-ethylene(79-01-61)	☑	◉	○	<0.002	N/A	n/a	n/a	n/a	n/a
28V. Vinyl Chloride(75-01-4)	☑	◉	○	<0.001	N/A	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)	1	mg/L	lbs./day			
2V. Acrylonitrile (107-13-1)	1	mg/L	lbs./day			
3V. Benzene (71-43-2)	1	mg/L	lbs./day			
4V. Bromoform (75-25-2)	1	mg/L	lbs./day			
5V. Carbon Tetrachloride (56-23-5)	1	mg/L	lbs./day			
6V. Chlorobenzene (108-90-7)	1	mg/L	lbs./day			
7V. Chlorodi-bromomethene (124-48-1)	1	mg/L	lbs./day			
8V. Chlroethane (75-00-3)	1	mg/L	lbs./day			
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	1	mg/L	lbs./day			
10V. Chloroform (67-66-3)	1	mg/L	lbs./day			
11V. Dichloro-bromomethane (75-27-4)	1	mg/L	lbs./day			
12V. 1,1-Dichloro-ethane (75-34-3)	1	mg/L	lbs./day			
13V. 1,2-Dichloro-ethane (107-06-2)	1	mg/L	lbs./day			
14V. 1,1-Dichloro-ethylene (75-35-4)	1	mg/L	lbs./day			
15V. 1,2-Dichloro-propane (78-87-5)	1	mg/L	lbs./day			
16V. 1,3-Dichloro-propylene (542-75-6)	1	mg/L	lbs./day			
17V. Ethylbenzene (100-41-4)	1	mg/L	lbs./day			
18V. Methyl Bromide (74-83-9)	1	mg/L	lbs./day			
19V. Methyl Chloride (74-87-3)	1	mg/L	lbs./day			
20V. Methylene Chloride (75-09-2)	1	mg/L	lbs./day			
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	1	mg/L	lbs./day			

22V. Tetrachloro-ethylene(127-18-4)	1	mg/L	lbs./day			
23V. Toluene (108-88-3)	1	mg/L	lbs./day			
24V. 1,2-Trans-Dichloroethylene (156-60-5)	1	mg/L	lbs./day			
25V. 1,1,1-Tri-chloroethane (71-55-6)	1	mg/L	lbs./day			
26V. 1,1,2-Tri-chloroethane (79-00-5)	1	mg/L	lbs./day			
27V. Trichloro-ethylene(79-01-61)	1	mg/L	lbs./day			
28V. Vinyl Chloride(75-01-4)	1	mg/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☐ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☑	◉	○	<0.646	n/a	n/a	n/a	n/a	n/a
2A. 2,4-Dichloro-phenol (120-83-2)	☑	◉	○	<0.515	n/a	n/a	n/a	n/a	n/a
3A. 2,4-Dimethyl-phenol (105-67-9)	☑	◉	○	<0.414	n/a	n/a	n/a	n/a	n/a
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☑	◉	○	<14.8	n/a	n/a	n/a	n/a	n/a
5A. 2,4-Dinitro-phenol (51-28-5)	☑	◉	○	<15.5	n/a	n/a	n/a	n/a	n/a
6A. 2-Nitro-phenol (88-75-5)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
7A. 4-Nitro-phenol (100-02-7)	☑	◉	○	<1.43	n/a	n/a	n/a	n/a	n/a
8A. P-Chloro-M-Cresol (59-50-7)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
9A. Pentachloro-phenol (87-86-5)	☑	◉	○	<8.56	n/a	n/a	n/a	n/a	n/a
10A. Phenol (108-95-2)	☑	◉	○	<4.92	n/a	n/a	n/a	n/a	n/a
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☑	◉	○	<0.687	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)	1	ug/L	lbs./day			
2A. 2,4-Dichloro-phenol (120-83-2)	1	ug/L	lbs./day			
3A. 2,4-Dimethyl-phenol (105-67-9)	1	ug/L	lbs./day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	1	ug/L	lbs./day			
5A. 2,4-Dinitro-phenol (51-28-5)	1	ug/L	lbs./day			
6A. 2-Nitro-phenol (88-75-5)	1	ug/L	lbs./day			
7A. 4-Nitro-phenol (100-02-7)	1	ug/L	lbs./day			
8A. P-Chloro-M-Cresol (59-50-7)	1	ug/L	lbs./day			
9A. Pentachloro-phenol (87-86-5)	1	ug/L	lbs./day			
10A. Phenol (108-95-2)	1	ug/L	lbs./day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	1	ug/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☐ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☑	◉	○	<0.657	n/a	n/a	n/a	n/a	n/a
2B.Acenaphtylene (208-96-8)	☑	◉	○	<0.657	n/a	n/a	n/a	n/a	n/a
3B.Anthracene (120-12-7)	☑	◉	○	<0.495	n/a	n/a	n/a	n/a	n/a
4B. Benzidine (92-87-5)	☑	◉	○	<92.2	n/a	n/a	n/a	n/a	n/a
5B. Benzo (a) Anthracene (56-55-3)	☑	◉	○	<0.758	n/a	n/a	n/a	n/a	n/a
6B.Benzo(a)Pyrene (50-32-8)	☑	◉	○	<0.535	n/a	n/a	n/a	n/a	n/a
7B. 3,4-Benzo-fluoranthene (205-99-2)	☑	◉	○	<0.980	n/a	n/a	n/a	n/a	n/a
8B. Benzo (ghi) Perylene (191-24-2)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
9B. Benzo (k) Fluoranthene (207-08-9)	☑	◉	○	<0.889	n/a	n/a	n/a	n/a	n/a
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☑	◉	○	<0.677	n/a	n/a	n/a	n/a	n/a
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☑	◉	○	<0.404	n/a	n/a	n/a	n/a	n/a
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☑	◉	○	<0.586	n/a	n/a	n/a	n/a	n/a
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☑	◉	○	<62.9	n/a	n/a	n/a	n/a	n/a
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☑	◉	○	<0.636	n/a	n/a	n/a	n/a	n/a
15B. Butyl Benzyl Phthalate (85-86-7)	☑	◉	○	<4.67	n/a	n/a	n/a	n/a	n/a
16B. 2-Chloro-naphthalene (91-58-7)	☑	◉	○	<0.596	n/a	n/a	n/a	n/a	n/a
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☑	◉	○	<0.616	n/a	n/a	n/a	n/a	n/a
18B. Chrysene (218-01-9)	☑	◉	○	<0.818	n/a	n/a	n/a	n/a	n/a
19B. Dibenzo (a,h) Anthracene (53-70-3)	☑	◉	○	<0.727	n/a	n/a	n/a	n/a	n/a
20B. 1,2-Dichloro-benzene(95-50-1)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a
21B. 1,3-Dichloro-benzene (541-73-1)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a
22B. 1,4-Dichloro-benzene (106-46-7)	☑	◉	○	<0.002	n/a	n/a	n/a	n/a	n/a

23B. 3,3-Dichloro-benzidine (91-94-1)	☑	◉	○	<5.89	n/a	n/a	n/a	n/a	n/a
24B. Diethyl Phthalate (84-66-2)	☑	◉	○	<5.73	n/a	n/a	n/a	n/a	n/a
25B. Dimethyl Phthalate (131-11-3)	☑	◉	○	<0.566	n/a	n/a	n/a	n/a	n/a
26B. Di-N-Butyl Phthalate (84-74-2)	☑	◉	○	<7.51	n/a	n/a	n/a	n/a	n/a
27B. 2,4-Dinitro-toluene (121-14-2)	☑	◉	○	<0.515	n/a	n/a	n/a	n/a	n/a
28B. 2,6-Dinitro-toluene (206-20-2)	☑	◉	○	<0.606	n/a	n/a	n/a	n/a	n/a
29B. Di-N-Octyl Phthalate (117-84-0)	☑	◉	○	<6.92	n/a	n/a	n/a	n/a	n/a
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☑	◉	○	<0.495	n/a	n/a	n/a	n/a	n/a
31B. Fluoranthene (206-44-0)	☑	◉	○	<0.606	n/a	n/a	n/a	n/a	n/a
32B. Fluorene (86-73-7)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
33B. Hexa-chlorobenzene (118-71-1)	☑	◉	○	<0.566	n/a	n/a	n/a	n/a	n/a
34B. Hexa-chlorobutadiene (87-68-3)	☑	◉	○	<0.697	n/a	n/a	n/a	n/a	n/a
35B. Hexachloro-cyclopentadiene (77-47-4)	☑	◉	○	<5.02	n/a	n/a	n/a	n/a	n/a
36B. Hexachloro-ethane (67-72-1)	☑	◉	○	<6.26	n/a	n/a	n/a	n/a	n/a
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☑	◉	○	<0.859	n/a	n/a	n/a	n/a	n/a
38B. Isophorone (78-59-1)	☑	◉	○	<0.545	n/a	n/a	n/a	n/a	n/a
39B. Naphthalene (91-20-3)	☑	◉	○	<0.596	n/a	n/a	n/a	n/a	n/a
40B. Nitrobenzene (98-95-3)	☑	◉	○	<5.05	n/a	n/a	n/a	n/a	n/a
41B. N-Nitro-sodimethylamine(62-75-9)	☑	◉	○	<0.677	n/a	n/a	n/a	n/a	n/a
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☑	◉	○	<0.717	n/a	n/a	n/a	n/a	n/a
43B. N-Nitro-sodiphenylamine (86-30-6)	☑	◉	○	<1.20	n/a	n/a	n/a	n/a	n/a
44B. Phenanthrene (85-01-8)	☑	◉	○	<0.556	n/a	n/a	n/a	n/a	n/a
45B. Pyrene (129-00-0)	☑	◉	○	<0.545	n/a	n/a	n/a	n/a	n/a
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☑	◉	○	<0.525	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)	1	ug/L	lbs./day			
2B.Acenaphtylene (208-96-8)	1	ug/L	lbs./day			
3B.Anthracene (120-12-7)	1	ug/L	lbs./day			
4B. Benzidine (92-87-5)	1	ug/L	lbs./day			
5B. Benzo (a) Anthracene (56-55-3)	1	ug/L	lbs./day			
6B.Benzo(a)Pyrene (50-32-8)	1	ug/L	lbs./day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	1	ug/L	lbs./day			
8B. Benzo (ghi) Perylene (191-24-2)	1	ug/L	lbs./day			
9B. Benzo (k) Fluoranthene (207-08-9)	1	ug/L	lbs./day			
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	1	ug/L	lbs./day			
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	1	ug/L	lbs./day			
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	1	ug/L	lbs./day			
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	1	ug/L	lbs./day			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	1	ug/L	lbs./day			
15B. Butyl Benzyl Phthalate (85-86-7)	1	ug/L	lbs./day			
16B. 2-Chloro-naphthalene (91-58-7)	1	ug/L	lbs./day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	1	ug/L	lbs./day			
18B. Chrysene (218-01-9)	1	ug/L	lbs./day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	1	ug/L	lbs./day			
20B. 1,2-Dichloro-benzene(95-50-1)	1	ug/L	lbs./day			
21B. 1,3-Dichloro-benzene (541-73-1)	1	ug/L	lbs./day			
22B. 1,4-Dichloro-benzene (106-46-7)	1	ug/L	lbs./day			
23B. 3,3-Dichloro-benzidine (91-94-1)	1	ug/L	lbs./day			
24B. Diethyl Phthalate (84-66-2)	1	ug/L	lbs./day			
25B. Dimethyl Phthalate (131-11-3)	1	ug/L	lbs./day			

26B. Di-N-Butyl Phthalate (84-74-2)	1	ug/L	lbs./day			
27B. 2,4-Dinitro-toluene (121-14-2)	1	ug/L	lbs./day			
28B. 2,6-Dinitro-toluene (206-20-2)	1	ug/L	lbs./day			
29B. Di-N-Octyl Phthalate (117-84-0)	1	ug/L	lbs./day			
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	1	ug/L	lbs./day			
31B. Fluoranthene (206-44-0)	1	ug/L	lbs./day			
32B. Fluorene (86-73-7)	1	ug/L	lbs./day			
33B. Hexa-chlorobenzene (118-71-1)	1	ug/L	lbs./day			
34B. Hexa-chlorobutadiene (87-68-3)	1	ug/L	lbs./day			
35B. Hexachloro-cyclopentadiene (77-47-4)	1	ug/L	lbs./day			
36B. Hexachloro-ethane (67-72-1)	1	ug/L	lbs./day			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	1	ug/L	lbs./day			
38B. Isophorone (78-59-1)	1	ug/L	lbs./day			
39B. Naphthalene (91-20-3)	1	ug/L	lbs./day			
40B. Nitrobenzene (98-95-3)	1	ug/L	lbs./day			
41B. N-Nitro-sodimethylamine(62-75-9)	1	ug/L	lbs./day			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	1	ug/L	lbs./day			
43B. N-Nitro-sodiphenylamine (86-30-6)	1	ug/L	lbs./day			
44B. Phenanthrene (85-01-8)	1	ug/L	lbs./day			
45B. Pyrene (129-00-0)	1	ug/L	lbs./day			
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	1	ug/L	lbs./day			

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☐ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	◉	<.000363	n/a	n/a	n/a	n/a	n/a
2P. -BHC (319-84-6)	☐	○	◉	<.000243	n/a	n/a	n/a	n/a	n/a
3P. -BHC (319-85-7)	☐	○	◉	<.000373	n/a	n/a	n/a	n/a	n/a
4P. -BHC (58-89-9)	☐	◉	○	0.00147	0.000004	n/a	n/a	n/a	n/a
5P. -BHC (319-86-8)	☐	○	◉	<.000655	n/a	n/a	n/a	n/a	n/a
6P. Chlordane (57-74-9)	☐	○	◉	<0.00741	n/a	n/a	n/a	n/a	n/a
7P. 4,4-DDT (50-29-3)	☐	○	◉	<.000303	n/a	n/a	n/a	n/a	n/a
8P. 4,4-DDE (72-55-9)	☐	○	◉	<.000301	n/a	n/a	n/a	n/a	n/a
9P. 4,4-DDD (72-54-8)	☐	○	◉	<.000545	n/a	n/a	n/a	n/a	n/a
10P. Dieldrin (60-57-1)	☐	○	◉	<.000280	n/a	n/a	n/a	n/a	n/a
11P. - Endosulfan (115-29-7)	☐	○	◉	<.000699	n/a	n/a	n/a	n/a	n/a
12P. - Endosulfan (115-29-7)	☐	○	◉	<.000322	n/a	n/a	n/a	n/a	n/a
13P. Endosulfan Sulfate (1031-07-8)	☐	○	◉	<.000651	n/a	n/a	n/a	n/a	n/a
14P. Endrin (72-20-8)	☐	○	◉	<.000233	n/a	n/a	n/a	n/a	n/a
15P. Endrin Aldehyde (7421-93-4)	☐	○	◉	<.000530	n/a	n/a	n/a	n/a	n/a
16P. Heptachlor (76-44-8)	☐	○	◉	<.000461	n/a	n/a	n/a	n/a	n/a
17P. Heptachlor Epoxide (1024-57-3)	☐	○	◉	<.000348	n/a	n/a	n/a	n/a	n/a
18P. PCB-1242 (53469-21-9)	☐	○	◉						
19P. PCB-1254 (11097-69-1)	☐	○	◉						
20P. PCB-1221 (11104-28-2)	☐	○	◉						
21P. PCB-1232 (11141-16-5)	☐	○	◉						

22P. PCB-1248 (12672-29-6)	☐	○	◉						
23P. PCB-1260 (11096-82-5)	☐	○	◉						
24P. PCB-1016 (12674-11-2)	☐	○	◉						
25P. Toxaphene (8001-35-2)	☐	○	◉	<0.0501	n/a	n/a	n/a	n/a	n/a

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)	1	ug/L	lbs./day			
2P. -BHC (319-85-7)	1	ug/L	lbs./day			
3P. -BHC (319-85-7)	1	ug/L	lbs./day			
4P. -BHC (58-89-9)	1	ug/L	lbs./day			
5P. -BHC (319-86-8)	1	ug/L	lbs./day			
6P. Chlordane (57-74-9)	1	ug/L	lbs./day			
7P. 4,4-DDT (50-29-3)	1	ug/L	lbs./day			
8P. 4,4-DDE (72-55-9)	1	ug/L	lbs./day			
9P. 4,4-DDD (72-54-8)	1	ug/L	lbs./day			
10P. Dieldrin (60-57-1)	1	ug/L	lbs./day			
11P. - Endosulfan (115-29-7)	1	ug/L	lbs./day			
12P. - Endosulfan (115-29-7)	1	ug/L	lbs./day			
13P. Endosulfan Sulfate (1031-07-8)	1	ug/L	lbs./day			
14P. Endrin (72-20-8)	1	ug/L	lbs./day			
15P. Endrin Aldehyde (7421-93-4)	1	ug/L	lbs./day			
16P. Heptachlor (76-44-8)	1	ug/L	lbs./day			
17P. Heptachlor Epoxide (1024-57-3)	1	ug/L	lbs./day			
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)							
25P. Toxaphene (8001-35-2)	1	ug/L	lbs./day				

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
	n/a					

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
	n/a					

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
	n/a						

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☐ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	◉	○	Monitoring requirement based on scrubber module metallurgy

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	012
B.	Latitude:	39 ° 23 ' 27 "
C.	Longitude:	80 ° 19 ' 21 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

Robinson Run	
tributary of	tributary of
West Fork River	
tributary of	tributary of

Major Basin: West Fork River

F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	1620 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	0.549	0.549	0.549	0.549	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	28	5	<11	5	5	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0992	<0.1422	<0.0992	<0.1422	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	5.3	Maximum	6.94		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	5.45	0.1565	2.2111	0.1565	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.2989	0.1802	0.2989	0.1802	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	2.28	2.29	2.28	2.29	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.169	0.176	0.169	0.176	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	23.986	0.593	6.70	0.593	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.3426	0.2430	0.271	0.2430	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000005	N/A	0.0000005	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	779	779	779	779	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1495	1510	1495	1510	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	222	196	222	196	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.097	0.14	0.097	0.14	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.0146	0.0136	0.0146	0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.019	<0.019	<0.019	<0.019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	0.0144	0.0136	0.0144	0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	23.986	0.593	6.70	0.593	5	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000005	N/A	0.0000005	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	69.371	61.474	69.371	61.474	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	<0.119	<0.119	<0.119	<0.119	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0536	0.0508	0.0536	0.0508	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	<0.12	<0.12	<0.12	<0.12	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	0.0118	0.0147	0.0118	0.0147	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	779	779	779	779	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1495	1510	1495	1510	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	<0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	0.000325	0.000301	0.000325	0.000301	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.167	1,152	1.167	1.152	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	0.0684	0.0703	0.0684	0.0703	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	<10	N/A	<10	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.2989	0.1802	0.2989	0.1802	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	222	196	222	196	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.097	0.14	0.097	0.14	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	PriorRain

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	013
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 23 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0
E.	Immediate Receiving Water (include all streams to Major Basin):	

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	55542 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	2.684	4.819	2.684	4.818	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	20	10	14	10	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0982	<0.0992	<0.0982	<0.0992	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	7.5	Maximum	8.0		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.5947	<0.0742	<0.2432	<0.0742	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	0.000737	0.000792	0.000737	0.000792	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.1781	0.5451	0.1781	0.5451	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	6.69	6.38	6.69	6.38	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.335	0.304	0.335	0.304	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	6.34	1.17	3.52	1.17	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.1448	0.1068	0.1174	0.1068	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000054	N/A	0.0000054	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.003436	0.002326	0.003436	0.002326	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	591	590	591	590	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1375	1335	1375	1335	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	186	199	186	199	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.096	0.097	0.096	0.097	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.1781	0.5451	0.1781	0.5451	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.01812	0.01927	0.01812	0.01927	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.095	<0.095	<0.095	<0.095	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.0019	<0.0019	<0.0019	<0.0019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	<10	N/A	<10	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	6.34	1.17	3.52	1.17	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000054	N/A	0.0000054	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	60.226	61.798	60.226	61.798	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.003436	0.002326	0.003436	0.002326	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	<0.119	<0.119	<0.119	<0.119	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.010223	0.010036	0.010223	0.010036	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	<0.12	<0.12	<0.12	<0.12	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	0.0176	<0.005	0.0176	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	591	590	591	590	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1375	1335	1375	1335	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	<0.0039	<0.0039	<0.0039	<0.0039	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.577	1.608	1.577	1.608	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	<0.012	<0.012	<0.012	<0.012	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenolics	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	186	199	186	199	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.096	0.097	0.096	0.097	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	014
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 35 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	68910 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichloro-phenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethyl-phenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitro-phenol (51-28-5)	☐	○	○						
6A. 2-Nitro-phenol (88-75-5)	☐	○	○						
7A. 4-Nitro-phenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachloro-phenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	<2.12	<2.12	<2.12	<2.12	1	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	2.684	4.819	2.684	4.819	1	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	74	28	38	28	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	<0.56	<0.56	<0.56	<0.56	1	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	<0.0352	<0.0342	<0.0352	<0.0342	1	Stormwater Runoff & AMD
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff & AMD
pH	Minimum	7.2	Maximum	7.6		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	1.22	<0.0742	<0.29	<0.0742	4	Stormwater Runoff & AMD
Arsenic	0.003121	0.002274	0.003121	0.002274	1	Stormwater Runoff & AMD
Boron	0.1273	0.1244	0.1273	0.1244	1	Stormwater Runoff & AMD
Calcium	232	221	232	221	1	Stormwater Runoff & AMD
Chloride	3.34	3.38	3.34	3.38	1	Stormwater Runoff & AMD
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD
Fluoride	0.325	0.332	0.325	0.332	1	Stormwater Runoff & AMD
Iron	35.613	10.295	16.610	10.295	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.685	0.6325	0.654	0.6325	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.03	0.032	0.03	0.032	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1765	1830	1765	1830	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.0052	0.0045	0.0052	0.0045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	<0.000955	<0.000955	<0.000955	<0.000955	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000010	N/A	0.0000010	N/A	1	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.127	0.124	0.127	0.124	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	<0.0136	<0.0136	<0.0136	<0.0136	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00088	<0.00088	<0.00088	<0.00088	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	<0.095	<0.095	<0.095	<0.095	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.0019	<0.0019	<0.0019	<0.0019	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	70	N/A	70	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	35.613	10.295	16.610	10.295	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000010	N/A	0.0000010	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	56.692	54.104	56.692	54.104	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	<0.00113	<0.00113	<0.00113	<0.00113	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	0.176	<0.119	0.176	<0.119	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0100	0.0090	0.0100	0.0090	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	0.176	<0.12	0.176	<0.12	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	<0.005	<0.005	<0.005	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	1765	1830	1765	1830	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.0052	0.0045	0.0052	0.00454	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	1.02	1.22	1.02	1.22	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	0.25	0.19	0.25	0.19	1	Stormwater Runoff & AMD
Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	<0.0026	<0.0026	<0.0026	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenolics	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	N/A	<1	N/a	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactants	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	232	221	232	221	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	0.03	0.03	0.03	0.03	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	886	885	886	885	1	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0136	<0.0034	<0.0136	<0.0034	1	Stormwater Runoff & AMD

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
						Fall	PriorRain

9. Provide a description of the method of flow measurement or estimate.

Samples collected during dry weather in accordance with permit requirement as stated by Condition C.6. Discharge as sampled is comprised of hillside mine drainage and landfill haul road watering runoff. Haul road watering is required by the Station's Title V air quality permit.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	015
B.	Latitude:	39 ° 23 ' 21 "
C.	Longitude:	80 ° 19 ' 41 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	19.0

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

West Fork River	
tributary of	tributary of
tributary of	tributary of

Major Basin:	West Fork River
F. Geospatial Method	GPS/GNSS
Datum:	Unknown
G. Actual Average Flow	58320 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichloro-phenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethyl-phenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitro-phenol (51-28-5)	☐	○	○						
6A. 2-Nitro-phenol (88-75-5)	☐	○	○						
7A. 4-Nitro-phenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachloro-phenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a. Testing Required	b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONC	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONC	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVG. VALUE *(if available)* (1) CONC	c. LONG TERM AVG. VALUE *(if available)* (2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	N/A				0	Stormwater Runoff & AMD
Biological Oxygen demand (BOD5)	N/A				0	Stormwater Runoff & AMD
Chemical Oxygen Demand (COD)	N/A				0	Stormwater Runoff & AMD
Total Suspended Solids (TSS)	34	N/A	26	N/A	4	Stormwater Runoff & AMD
Total Kjeldahl Nitrogen	N/A				0	Stormwater Runoff & AMD
Nitrite plus Nitrate Nitrogen	N/A				0	Stormwater Runoff & AMD
Total Phosphorus	N/A				0	Stormwater Runoff & AMD
pH	Minimum	7.26	Maximum	7.84		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.8697	N/A	0.3715	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	17.175	N/A	11.0	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.7808	N/A	0.401	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	17.175	N/A	11.0	N/A	4	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	N/A	N/A	N/A	N/A	0	Stormwater Runoff & AMD

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
N/A							

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	018
B.	Latitude:	39 ° 23 ' 36 "
C.	Longitude:	80 ° 19 ' 29 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	92620 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	<1.4	N/A	<1.4	N/A	1	Stormwater Runoff
Biological Oxygen demand (BOD5)	3.12	3.17	3.12	3.17	1	Stormwater Runoff
Chemical Oxygen Demand (COD)	32.58	30.44	32.58	30.44	1	Stormwater Runoff
Total Suspended Solids (TSS)	15	4	15	4	1	Stormwater Runoff
Total Kjeldahl Nitrogen	2.11	1.33	2.11	1.33	1	Stormwater Runoff
Nitrite plus Nitrate Nitrogen	0.561	1.044	0.561	1.044	1	Stormwater Runoff
Total Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff
pH	Minimum	7.1	Maximum	7.7		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	0.1925	0.1184	0.1925	0.1184	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	0.00304	0.00263	0.00304	0.00263	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.933	0.621	0.933	0.621	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	60	25.7	60	25.7	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.19	0.156	0.19	0.156	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	0.2226	0.1437	0.2226	0.1437	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	0.0146	0.0068	0.0146	0.0068	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000061	N/A	0.0000061	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.0170	0.01351	0.0170	0.01351	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	341	161	341	161	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	852	448	852	448	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.005393	0.003545	0.005393	0.003545	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	0.002046	0.001952	0.002046	0.001952	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	169	85.748	169	85.748	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	2.67	2.13	2.67	2.13	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.0034	<0.0034	<0.0034	<0.0034	1	Stormwater Runoff

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	<0.00045	<0.00045	<0.00045	<0.00045	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	0.0923	0.0513	0.0923	0.0513	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	<0.00022	<0.00022	<0.00022	<0.00022	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	1.23	0.527	1.23	0.527	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	<0.000675	<0.000675	<0.000675	<0.000675	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	<0.000475	<0.000475	<0.000475	<0.000475	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Chromium	<0.00145	<0.00145	<0.00145	<0.00145	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	0.2226	0.1437	0.2226	0.1437	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	0.0000061	N/A	0.0000061	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	23.406	13.327	23.406	13.327	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.0170	0.01351	0.0170	0.01351	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	0.193	0.146	0.193	0.146	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	0.0025	<0.0014	0.0025	<0.0014	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	1.92	1.18	1.92	1.18	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	<0.00052	<0.00052	<0.00052	<0.00052	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	<0.00107	<0.00107	<0.00107	<0.00107	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	<0.005	<0.005	<0.005	<0.005	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	341	161	341	161	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	852	448	852	448	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.005393	0.003545	0.005393	0.003545	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	<0.000175	<0.000175	<0.000175	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	9.145	9.153	9.145	9.153	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	<0.012	<0.012	<0.012	<0.012	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	<0.0026	N/A	<0.0026	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	<0.002	N/A	<0.002	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	<0.05	<0.05	<0.05	<0.05	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	1000	N/A	1000	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	0.933	0.621	0.933	0.621	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	169	85.748	169	85.748	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	<0.0109	<0.0109	<0.0109	<0.0109	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	2.67	2.13	2.67	2.13	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	<0.040	<0.040	<0.040	<0.040	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.0034	<0.0034	<0.0034	<0.0034	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfite	<1	<1	<1	<1	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Hexavalent Chromium	<0.0007	N/A	<0.0007	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phosphorus	<0.153	<0.153	<0.153	<0.153	1	Stormwater Runoff

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
11/11/2020	780	1.20	9 days	74.48	15436 est	Fall	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Storm Water Outlet 018 is described as "Main Valley Clean Water Diversion Pipe (84"). Outlet 018 very rarely flows and was therefore only capable of being sampled only once during the one-year December 1, 2019 through November 30, 2020 renewal data period. Outlet 018 only discharged a total of six times between the last permit reissuance date of January 1, 2016 and January 5, 2021. Harrison has been required to monitor the rainfall amounts and flow/sampling status and to report these on a monthly basis as part of the DMR submittal. See attachment: "Harrison Rainfall Amounts and Outlet 018 Stormwater Sampling Efforts 2016-2020". In the rare instances when Outlet 018 flows, it discharges to the Robinson Run tributary of the West Fork River.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	020
B.	Latitude:	39 ° 23 ' 34 "
C.	Longitude:	80 ° 19 ' 25 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☐ Unnamed Tributary of

Robinson Run	West Fork RIver
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	8196140 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
				(1) CONC	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

	Check for Storm Water only outlet.									
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☐ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Biological Oxygen demand (BOD5)	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Chemical Oxygen Demand (COD)	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Total Suspended Solids (TSS)	25	N/A	14	N/A	5	Stormwater Runoff
Total Kjeldahl Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Nitrite plus Nitrate Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff
Total Phosphorus	N/A	N/A	N/A	N/A	0	Stormwater Runoff
pH	Minimum	8.0	Maximum	8.9		

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Aluminum	2.8048	N/A	1.7456	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Arsenic	2.9581	N/A	1.5137	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	3.110	N/A	2.445	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chloride	741.00	N/A	504.00	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	<0.0007	N/A	<0.0007	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fluoride	0.313	N/A	0.255	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	184.000	N/A	132.690	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Manganese	1.8394	N/A	1.0094	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.113927	N/A	0.061685	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	1110.000	N/A	1044.000	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	4380	N/A	3670	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.026878	N/A	0.019988	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Vanadium	0.0312	N/A	0.0204	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium						
	<0.055	N/A	<0.031	N/A	2	Stormwater Runoff

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Silver	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Barium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Beryllium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Bromide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cadmium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cobalt	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Color	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Chromium, Hexavalent	<0.0007	N/A	<0.0007	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Iron	184.000	N/A	132.690	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Mercury	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Magnesium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Molybdenum	0.113927	N/A	0.061685	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Ammonia	1.66	N/A	1.13	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Nickel	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Organic Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Lead	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Antimony	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Tin	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfate	1110.000	N/A	1044.000	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TDS	4380	N/A	3670	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Titanium	0.026878	N/A	0.19988	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Thallium	<0.000175	N/A	<0.000175	N/A	1	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
TOC	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Zinc	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Cyanide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Sulfide	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Phenol	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Surfactant	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Fecal Coliform	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Boron	3.110	N/A	2.445	N/A	2	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Calcium	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Copper	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Total Nitrogen	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Residual Chlorine	N/A	N/A	N/A	N/A	0	Stormwater Runoff

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Selenium	<0.055	N/A	<0.031	N/A	2	Stormwater Runoff

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)
7/29/2017	4300	3.24	1 since 2.89"	14800	N/A	Summer	Rainfall
9/10/2018	4300	5.06	4 days	5185	N/A	Summer	Rainfall

9. Provide a description of the method of flow measurement or estimate.

Outlet 020 is the emergency discharge of Surface Impoundment No. 1 which has a retention time exceeding 24 hours.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	022
B.	Latitude:	39 ° 23 ' 39 "
C.	Longitude:	80 ° 19 ' 17 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	

E. Immediate Receiving Water (include all streams to Major Basin):

☑ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	4320 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYS-ES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No. OF ANALYSES
			(1) CONC	(2) MASS	
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○						
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○						
23V. Toluene (108-88-3)	☐	○	○						
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○						
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○						
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○						
27V. Trichloro-ethylene(79-01-61)	☐	○	○						
28V. Vinyl Chloride(75-01-4)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.											
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT							
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)							
25P. Toxaphene (8001-35-2)							

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉	
Xylene	○	◉	
Xylenol	○	◉	
Zirconium	○	◉	

Section XIII: Outlet Location

XIII. OUTLET LOCATION

For each outlet, list the latitude and longitude to the nearest second, the River Mile Point (if known) and the name of the immediate receiving water. (see instructions)

A.	Outlet Number:	023
B.	Latitude:	39 ° 23 ' 52.4 "
C.	Longitude:	80 ° 20 ' 5.67 "
	UTM Zone:	
	UTM Northing:	
	UTM Easting:	
D.	River Mile Point:	
E.	Immediate Receiving Water (include all streams to Major Basin):	

☑ Unnamed Tributary of

Robinson Run	West Fork River
tributary of	tributary of
tributary of	tributary of

	Major Basin:	West Fork River
F.	Geospatial Method	GPS/GNSS
	Datum:	Unknown
G.	Actual Average Flow	700 GPD (Gallons Per Day)

Section XVII A: Intake and Effluent Characteristics - Table A

TABLE A. You must provide the results of at least one analysis for every pollutant in this table. See instructions for additional details.

☑ Check for Storm Water only outlet.							
1.POLLUTANT	2.EFFLUENT						
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No.OF ANALYSES
	(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)							
b. Chemical Oxygen Demand							
c. Total Organic Carbon (TOC)							
d. Total Suspended Solids (TSS)							
e. Ammonia *(as N)*							
f. Flow	VALUE		VALUE		VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE		
g. Temperature *(summer)*	VALUE		VALUE		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			

1.POLLUTANT	3.UNITS *(specify if blank)*		4.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE		b. No.OF ANALYSES
			(1) CONC	(2) MASS	
a. Biochemical Oxygen Demand (BOD)					
b. Chemical Oxygen Demand					
c. Total Organic Carbon (TOC)					
d. Total Suspended Solids (TSS)					
e. Ammonia *(as N)*					
f. Flow			VALUE		
g. Temperature *(winter)*			VALUE		
g. Temperature *(summer)*			VALUE		
i. pH	STANDARD UNITS				

Section XVII B: Intake and Effluent Characteristics - Table B

TABLE B - Select column 2-a for each pollutant you know or have reason to believe is present. Select column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT a or b		3. EFFLUENT						
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES
			(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS	
a. Bromide (24959-67-9)	○	○							
b. Chloride	○	○							
c. Chloride Residual	○	○							
d. Color	○	○							
e. Fecal Coliform	○	○							
f. Fluoride (16984-48-8)	○	○							
g. Nitrate-Nitrite *(as N)*	○	○							
h. Nitrogen, Total Organic *(as N)*	○	○							
i. Oil and Grease	○	○							
j. Phosphorus *(as P)*, Total (7723-14-0)	○	○							
k. Radioactivity									
(1) Alpha, Total	○	○							
(2) Beta, Total	○	○							
(3) Radium, Total	○	○							
(4) Radium 226, Total	○	○							
l. Sulfate *(as SO_4)* (14808-79-8)	○	○							
m. Sulfide *(as S)*	○	○							
n. Sulfite *(as SO_3)* (14265-45-3)	○	○							
o. Surfactants	○	○							
p. Aluminum, Total (7429-90-5)	○	○							

q. Barium, Total (7440-39-3)	◯	◯							
r. Boron, Total (7440-42-8)	◯	◯							
s. Cobalt, Total (7440-48-4)	◯	◯							
t. Iron, Total (7439-89-6)	◯	◯							
u. Magnesium, Total (7439-95-4)	◯	◯							
v. Molybdenum Total (7439-98-7)	◯	◯							
w. Manganese, Total (7439-96-5)	◯	◯							
x. Tin, Total (7440-31-5)	◯	◯							
y. Titanium, Total (7440-32-6)	◯	◯							

1.POLLUTANT and CAS NO. (If available)	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
a. Bromide (24959-67-9)					
b. Chloride					
c. Chloride Residual					
d. Color					
e. Fecal Coliform					
f. Fluoride (16984-48-8)					
g. Nitrate-Nitrite *(as N)*					
h. Nitrogen, Total Organic *(as N)*					
i. Oil and Grease					
j. Phosphorus *(as P)*, Total (7723-14-0)					
k. Radioactivity					
(1) Alpha, Total					
(2) Beta, Total					
(3) Radium, Total					
(4) Radium 226, Total					
l. Sulfate *(as SO_4)* (14808-79-8)					
m. Sulfide *(as S)*					
n. Sulfite *(as SO_3)* (14265-45-3)					
o. Surfactants					
p. Aluminum, Total (7429-90-5)					
q. Barium, Total (7440-39-3)					
r. Boron, Total (7440-42-8)					
s. Cobalt, Total (7440-48-4)					
t. Iron, Total (7439-89-6)					
u. Magnesium, Total (7439-95-4)					
v. Molybdenum Total (7439-98-7)					
w. Manganese, Total (7439-96-5)					
x. Tin, Total (7440-31-5)					
y. Titanium, Total (7440-32-6)					

Section XVII C: Intake and Effluent Characteristics - Table C Metals

☑ Check for Storm Water only outlet.

TABLE C - If you are a primary industry and this outlet contains process wastewater, refer to Table 2 in the instructions to determine which of the GC/MS fractions you must test for. Select column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, non-process wastewater outlet, and non-required GC/MS fractions) select column 2-b for each pollutant you know or have reason to believe is present. Select column 2-c for each pollutant you believe to be absent. If you Select either column 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Each pollutant has four items (numbered 2-4) which are required to be filled out if "Testing Required" or "Believed Present" is selected. It should noted that Item 5 is optional. See instructions for additional details and requirements.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total(7440-38-2)	☐	○	○						
2M. Arsenic, Total(7440-38-2)	☐	○	○						
3M.Beryllium, Total (74440-41-7)	☐	○	○						
4M. Cadmium, Total(7440-43-9)	☐	○	○						
5M.Chromium, Total(7440-47-3)	☐	○	○						
6M. Copper, Total(7550-50-8)	☐	○	○						
7M. Lead, Total (7439-97-6)	☐	○	○						
8M. Mercury, Total(7439-97-8)	☐	○	○						
9M. Nickel, Total(7440-02-0)	☐	○	○						
10M. Selenium, Total(7782-49-2)	☐	○	○						
11M. Silver, Total(7440-22-4)	☐	○	○						
12M. Thallium, Total(7440-28-0)	☐	○	○						
13M. Zinc, Total(7440-66-6)	☐	○	○						
14M. Cyanide, Total(57-12-5)	☐	○	○						
15M. Phenols, Total	☐	○	○						
DIOXIN									

2,3,7,8-tetra-chlorobibenzo-P-Dioxin (1764-01-6)	☐	○	○	DESCRIBE RESULTS

TABLE C -

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
1M. Antimony, Total(7440-38-2)						
2M. Arsenic, Total(7440-38-2)						
3M.Beryllium, Total (74440-41-7)						
4M. Cadmium, Total(7440-43-9)						
5M.Chromium, Total(7440-47-3)						
6M. Copper, Total(7550-50-8)						
7M. Lead, Total (7439-97-6)						
8M. Mercury, Total(7439-97-8)						
9M. Nickel, Total(7440-02-0)						
10M. Selenium, Total(7782-49-2)						
11M. Silver, Total(7440-22-4)						
12M. Thallium, Total(7440-28-0)						
13M. Zinc, Total(7440-66-6)						
14M. Cyanide, Total(57-12-5)						
15M. Phenols, Total						

Section XVII C: Intake and Effluent Characteristics - Table C Volatile Compounds

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. Select			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	☐	○	○						
2V. Acrylonitrile (107-13-1)	☐	○	○						
3V. Benzene (71-43-2)	☐	○	○						
4V. Bromoform (75-25-2)	☐	○	○						
5V. Carbon Tetrachloride (56-23-5)	☐	○	○						
6V. Chlorobenzene (108-90-7)	☐	○	○						
7V. Chlorodi-bromomethene (124-48-1)	☐	○	○						
8V. Chloroethane (75-00-3)	☐	○	○						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)	☐	○	○						
10V. Chloroform (67-66-3)	☐	○	○						
11V. Dichloro-bromomethane (75-27-4)	☐	○	○						
12V. 1,1-Dichloro-ethane (75-34-3)	☐	○	○						
13V. 1,2-Dichloro-ethane (107-06-2)	☐	○	○						
14V. 1,1-Dichloro-ethylene (75-35-4)	☐	○	○						
15V. 1,2-Dichloro-propane (78-87-5)	☐	○	○						
16V. 1,3-Dichloro-propylene (542-75-6)	☐	○	○						
17V. Ethylbenzene (100-41-4)	☐	○	○						
18V. Methyl Bromide (74-83-9)	☐	○	○						
19V. Methyl Chloride (74-87-3)	☐	○	○						

20V. Methylene Chloride (75-09-2)	☐	○	○							
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)	☐	○	○							
22V. Tetrachloro-ethylene(127-18-4)	☐	○	○							
23V. Toluene (108-88-3)	☐	○	○							
24V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	○	○							
25V. 1,1,1-Tri-chloroethane (71-55-6)	☐	○	○							
26V. 1,1,2-Tri-chloroethane (79-00-5)	☐	○	○							
27V. Trichloro-ethylene(79-01-61)	☐	○	○							
28V. Vinyl Chloride(75-01-4)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS						
1V. Acrolein (107-02-8)						
2V. Acrylonitrile (107-13-1)						
3V. Benzene (71-43-2)						
4V. Bromoform (75-25-2)						
5V. Carbon Tetrachloride (56-23-5)						
6V. Chlorobenzene (108-90-7)						
7V. Chlorodi-bromomethene (124-48-1)						
8V. Chlroethane (75-00-3)						
9V. 2-Chloro-ethylvinyl Ether (110-75-8)						
10V. Chloroform (67-66-3)						
11V. Dichloro-bromomethane (75-27-4)						
12V. 1,1-Dichloro-ethane (75-34-3)						
13V. 1,2-Dichloro-ethane (107-06-2)						
14V. 1,1-Dichloro-ethylene (75-35-4)						
15V. 1,2-Dichloro-propane (78-87-5)						
16V. 1,3-Dichloro-propylene (542-75-6)						
17V. Ethylbenzene (100-41-4)						
18V. Methyl Bromide (74-83-9)						
19V. Methyl Chloride (74-87-3)						
20V. Methylene Chloride (75-09-2)						
21V. 1,1,2,2-Tetra-chloroethane (79-34-5)						

22V. Tetrachloro-ethylene(127-18-4)						
23V. Toluene (108-88-3)						
24V. 1,2-Trans-Dichloroethylene (156-60-5)						
25V. 1,1,1-Tri-chloroethane (71-55-6)						
26V. 1,1,2-Tri-chloroethane (79-00-5)						
27V. Trichloro-ethylene(79-01-61)						
28V. Vinyl Chloride(75-01-4)						

Section XVII C: Intake and Effluent Characteristics - Table C Acid Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)	☐	○	○						
2A. 2,4-Dichlorophenol (120-83-2)	☐	○	○						
3A. 2,4-Dimethylphenol (105-67-9)	☐	○	○						
4A. 4,6-Dinitro-O-Cresol (534-52-1)	☐	○	○						
5A. 2,4-Dinitrophenol (51-28-5)	☐	○	○						
6A. 2-Nitrophenol (88-75-5)	☐	○	○						
7A. 4-Nitrophenol (100-02-7)	☐	○	○						
8A. P-Chloro-M-Cresol (59-50-7)	☐	○	○						
9A. Pentachlorophenol (87-86-5)	☐	○	○						
10A. Phenol (108-95-2)	☐	○	○						
11A. 2,4,6-Trichlorophenol (88-06-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - ACID COMPOUNDS						
1A. 2-Chlorophenol (95-57-8)						
2A. 2,4-Dichloro-phenol (120-83-2)						
3A. 2,4-Dimethyl-phenol (105-67-9)						
4A. 4,6-Dinitro-O-Cresol (534-52-1)						
5A. 2,4-Dinitro-phenol (51-28-5)						
6A. 2-Nitro-phenol (88-75-5)						
7A. 4-Nitro-phenol (100-02-7)						
8A. P-Chloro-M-Cresol (59-50-7)						
9A. Pentachloro-phenol (87-86-5)						
10A. Phenol (108-95-2)						
11A. 2,4,6-Tri-chlorophenol (88-06-2)						

Section XVII C: Intake and Effluent Characteristics - Table C Base/Neutral Compounds

☑ Check for Storm Water only outlet.										
1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT						
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)	☐	○	○						
2B.Acenaphtylene (208-96-8)	☐	○	○						
3B.Anthracene (120-12-7)	☐	○	○						
4B. Benzidine (92-87-5)	☐	○	○						
5B. Benzo (a) Anthracene (56-55-3)	☐	○	○						
6B.Benzo(a)Pyrene (50-32-8)	☐	○	○						
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	○	○						
8B. Benzo (ghi) Perylene (191-24-2)	☐	○	○						
9B. Benzo (k) Fluoranthene (207-08-9)	☐	○	○						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)	☐	○	○						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)	☐	○	○						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)	☐	○	○						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)	☐	○	○						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	○	○						
15B. Butyl Benzyl Phthalate (85-86-7)	☐	○	○						
16B. 2-Chloro-naphthalene (91-58-7)	☐	○	○						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	○	○						
18B. Chrysene (218-01-9)	☐	○	○						
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	○	○						
20B. 1,2-Dichloro-benzene(95-50-1)	☐	○	○						
21B. 1,3-Dichloro-benzene (541-73-1)	☐	○	○						
22B. 1,4-Dichloro-benzene (106-46-7)	☐	○	○						

23B. 3,3-Dichloro-benzidine (91-94-1)	☐	○	○							
24B. Diethyl Phthalate (84-66-2)	☐	○	○							
25B. Dimethyl Phthalate (131-11-3)	☐	○	○							
26B. Di-N-Butyl Phthalate (84-74-2)	☐	○	○							
27B. 2,4-Dinitro-toluene (121-14-2)	☐	○	○							
28B. 2,6-Dinitro-toluene (206-20-2)	☐	○	○							
29B. Di-N-Octyl Phthalate (117-84-0)	☐	○	○							
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)	☐	○	○							
31B. Fluoranthene (206-44-0)	☐	○	○							
32B. Fluorene (86-73-7)	☐	○	○							
33B. Hexa-chlorobenzene (118-71-1)	☐	○	○							
34B. Hexa-chlorobutadiene (87-68-3)	☐	○	○							
35B. Hexachloro-cyclopentadiene (77-47-4)	☐	○	○							
36B. Hexachloro-ethane (67-72-1)	☐	○	○							
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	○	○							
38B. Isophorone (78-59-1)	☐	○	○							
39B. Naphthalene (91-20-3)	☐	○	○							
40B. Nitrobenzene (98-95-3)	☐	○	○							
41B. N-Nitro-sodimethylamine(62-75-9)	☐	○	○							
42B. N-Nitrosodi-N-Propylamine (621-64-7)	☐	○	○							
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	○	○							
44B. Phenanthrene (85-01-8)	☐	○	○							
45B. Pyrene (129-00-0)	☐	○	○							
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	○	○							

1.POLLUTANT and CAS NO. (If available)	3. EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS						
1B. Acenaphthene (83-32-9)						
2B.Acenaphtylene (208-96-8)						
3B.Anthracene (120-12-7)						
4B. Benzidine (92-87-5)						
5B. Benzo (a) Anthracene (56-55-3)						
6B.Benzo(a)Pyrene (50-32-8)						
7B. 3,4-Benzo-fluoranthene (205-99-2)						
8B. Benzo (ghi) Perylene (191-24-2)						
9B. Benzo (k) Fluoranthene (207-08-9)						
10B. Bis*(2-Chloro-ethoxy)* Methane (111-91-1)						
11B. Bis*(2-Chloro-ethyl)* Ether(111-44-4)						
12B. Bis*(2-Chloro-isopropyl)* Ether(39638-32-9)						
13B. Bis*(2-Ethyl-hexyl)* Phthalate(117-81-7)						
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)						
15B. Butyl Benzyl Phthalate (85-86-7)						
16B. 2-Chloro-naphthalene (91-58-7)						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)						
18B. Chrysene (218-01-9)						
19B. Dibenzo (a,h) Anthracene (53-70-3)						
20B. 1,2-Dichloro-benzene(95-50-1)						
21B. 1,3-Dichloro-benzene (541-73-1)						
22B. 1,4-Dichloro-benzene (106-46-7)						
23B. 3,3-Dichloro-benzidine (91-94-1)						
24B. Diethyl Phthalate (84-66-2)						
25B. Dimethyl Phthalate (131-11-3)						

26B. Di-N-Butyl Phthalate (84-74-2)						
27B. 2,4-Dinitro-toluene (121-14-2)						
28B. 2,6-Dinitro-toluene (206-20-2)						
29B. Di-N-Octyl Phthalate (117-84-0)						
30B. 1,2-Diphenyl-hydrazine *(as Azo-benzene)*(122-66-7)						
31B. Fluoranthene (206-44-0)						
32B. Fluorene (86-73-7)						
33B. Hexa-chlorobenzene (118-71-1)						
34B. Hexa-chlorobutadiene (87-68-3)						
35B. Hexachloro-cyclopentadiene (77-47-4)						
36B. Hexachloro-ethane (67-72-1)						
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)						
38B. Isophorone (78-59-1)						
39B. Naphthalene (91-20-3)						
40B. Nitrobenzene (98-95-3)						
41B. N-Nitro-sodimethylamine(62-75-9)						
42B. N-Nitrosodi-N-Propylamine (621-64-7)						
43B. N-Nitro-sodiphenylamine (86-30-6)						
44B. Phenanthrene (85-01-8)						
45B. Pyrene (129-00-0)						
46B. 1,2,4-Tri-chlorobenzene (120-82-1)						

Section XVII C: Intake and Effluent Characteristics - Table C Pesticides

☑ Check for Storm Water only outlet.

1. POLLUTANT and CAS NO. (If available)	2. SELECT			3. EFFLUENT					
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*	
				(1) CONC	(2) MASS	(1) CONC	(2) MASS	(1) CONC	(2) MASS
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)	☐	○	○						
2P. -BHC (319-84-6)	☐	○	○						
3P. -BHC (319-85-7)	☐	○	○						
4P. -BHC (58-89-9)	☐	○	○						
5P. -BHC (319-86-8)	☐	○	○						
6P. Chlordane (57-74-9)	☐	○	○						
7P. 4,4-DDT (50-29-3)	☐	○	○						
8P. 4,4-DDE (72-55-9)	☐	○	○						
9P. 4,4-DDD (72-54-8)	☐	○	○						
10P. Dieldrin (60-57-1)	☐	○	○						
11P. - Endosulfan (115-29-7)	☐	○	○						
12P. - Endosulfan (115-29-7)	☐	○	○						
13P. Endosulfan Sulfate (1031-07-8)	☐	○	○						
14P. Endrin (72-20-8)	☐	○	○						
15P. Endrin Aldehyde (7421-93-4)	☐	○	○						
16P. Heptachlor (76-44-8)	☐	○	○						
17P. Heptachlor Epoxide (1024-57-3)	☐	○	○						
18P. PCB-1242 (53469-21-9)	☐	○	○						
19P. PCB-1254 (11097-69-1)	☐	○	○						
20P. PCB-1221 (11104-28-2)	☐	○	○						
21P. PCB-1232 (11141-16-5)	☐	○	○						

22P. PCB-1248 (12672-29-6)	☐	○	○						
23P. PCB-1260 (11096-82-5)	☐	○	○						
24P. PCB-1016 (12674-11-2)	☐	○	○						
25P. Toxaphene (8001-35-2)	☐	○	○						

1.POLLUTANT and CAS NO. (If available)	3.EFFLUENT	4.UNITS *(specify if blank)*		5.INTAKE *(optional)*		
	d. No. OF ANALYSES	a. CONC	b. MASS	a. LONG TERM AVG. VALUE (1) CONC	a. LONG TERM AVG. VALUE (2) MASS	b. No. OF ANALYSES
GC/MS FRACTION - PESTICIDES						
1P. Aldrin (309-00-2)						
2P. -BHC (319-85-7)						
3P. -BHC (319-85-7)						
4P. -BHC (58-89-9)						
5P. -BHC (319-86-8)						
6P. Chlordane (57-74-9)						
7P. 4,4-DDT (50-29-3)						
8P. 4,4-DDE (72-55-9)						
9P. 4,4-DDD (72-54-8)						
10P. Dieldrin (60-57-1)						
11P. -Endosulfan (115-29-7)						
12P. -Endosulfan (115-29-7)						
13P. Endosulfan Sulfate (1031-07-8)						
14P. Endrin (72-20-8)						
15P. Endrin Aldehyde (7421-93-4)						
16P. Heptachlor (76-44-8)						
17P. Heptachlor Epoxide (1024-57-3)						
18P. PCB-1242 (53469-21-9)						
19P. PCB-1254 (11097-69-1)						
20P. PCB-1221 (11104-28-2)						
21P. PCB-1232 (11141-16-5)						
22P. PCB-1248 (12672-29-6)						
23P. PCB-1260 (11096-82-5)						

24P. PCB-1016 (12674-11-2)						
25P. Toxaphene (8001-35-2)						

Section XVII D: Intake and Effluent Characteristics - Part D

☑ Check for no Storm Water.

Part D - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outlet. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		
Oil and Grease						
Biological Oxygen demand (BOD5)						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrite plus Nitrate Nitrogen						
Total Phosphorus						
pH	Minimum		Maximum			

Section XVII E: Intake and Effluent Characteristics - Part E

Part E - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outlet. See instructions for additional details and requirements.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII F: Intake and Effluent Characteristics - Part F

Part F- List each pollutant shown in Table B and C of this application that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outlet.

Pollutant and CAS Number (if available	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow Weighted Composite		

Section XVII G: Intake and Effluent Characteristics - Part G

Part G - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1.Date of Storm Event	2.Duration of Strom (in minutes)	3.Total Rainfall during storm event (in inches)	4.Number of days and/or hours between beginning of storm measured and the end of previous measurable rain event	5.Maximum during rain event (gallons/minute or specify units)	6.Total flow from rain event (gallons or specify units)	Season sample was taken	Form of Precipitation (rainfall, snowmelt)

9. Provide a description of the method of flow measurement or estimate.

Section XVII H: Intake and Effluent Characteristics - Part H

☑ Check if all believed Absent.

H. Select any of the pollutants listed below, which you know or have reasons to believe is discharged or may be discharged from any outlet. For every pollutant you select, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

	Believed Present	Believed Absent	
Toxic Pollutants			
Asbestos	○	◉	
Hazardous Substances			
Acetaldehyde	○	◉	
Allyl alcohol	○	◉	
Allyl chloride	○	◉	
Amyl acetate	○	◉	
Aniline	○	◉	
Benzonitrile	○	◉	
Benzyl chloride	○	◉	
Butyl acetate	○	◉	
Butylamine	○	◉	
Captan	○	◉	
Carbaryl	○	◉	
Carbofuran	○	◉	
Carbon disulfide	○	◉	
Chlorpyrifos	○	◉	
Coumaphos	○	◉	
Cresol	○	◉	
Crotonaldehyde	○	◉	
Cyclohexane	○	◉	
Strychnine	○	◉	
Cyclohexane	○	◉	
2,4-D(2,4-Dichlorophenoxy acetic acid)	○	◉	
Diazinon	○	◉	

Dicamba	○	◉	
Dichlobenil	○	◉	
Dichlone	○	◉	
2,2-Dichloropropionic acid	○	◉	
Dichlorvos	○	◉	
Diethyl amine	○	◉	
Dimethyl amine	○	◉	
Dinitrobenzene	○	◉	
Diquat	○	◉	
Disulfoton	○	◉	
Diuron	○	◉	
Epichlorohydrin	○	◉	
Ethanolamine	○	◉	
Ethion	○	◉	
Ethylene diamine	○	◉	
Ethylene dibromide	○	◉	
Formaldehyde	○	◉	
Furfural	○	◉	
Guthion	○	◉	
Isoprene	○	◉	
Isopropanolamine	○	◉	
Kelthane	○	◉	
Kepone	○	◉	
Malathion	○	◉	
Mercaptodimethur	○	◉	
Methoxychlor	○	◉	
Methyl mercaptan	○	◉	
Methyl methacrylate	○	◉	

Methyl parathion	○	◉	
Mevinphos	○	◉	
Mexacarbate	○	◉	
Monoethyl amine	○	◉	
Monomethyl amine	○	◉	
Naled	○	◉	
Napthenic acid	○	◉	
Nitrotoluene	○	◉	
Parathion	○	◉	
Phenolsulfanate	○	◉	
Phosgene	○	◉	
Propargite	○	◉	
Propylene oxide	○	◉	
Pyrethrines	○	◉	
Quinoline	○	◉	
Resorcinol	○	◉	
Strontium	○	◉	
Strychnine	○	◉	
Styrene	○	◉	
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	○	◉	
TDE (Tetrachlorodiphenyl ethane)	○	◉	
2,4,5-TP (2-(2,4,5-Trichlorophenoxy propanic acid)	○	◉	
Trichlorofon	○	◉	
Triethanolamine	○	◉	
Triethylamine	○	◉	
Trimethylamine	○	◉	
Uranium	○	◉	
Vanadium	○	◉	

Vinyl Acetate	○	◉
Xylene	○	◉
Xylenol	○	◉
Zirconium	○	◉

Section XII: Certification

XII. CERTIFICATION (see instructions)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME: Gary J. Dinzeo

OFFICIAL TITLE: Director, Harrison Power Station

B. SIGNATURE _____

C. DATE SIGNED: 3/17/2021

Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.

Section XIV: Flows, Sources of Pollution and Treatment Technologies

XIV. FLOWS, SOURCES OF POLLUTION AND TREATMENT TECHNOLOGIES

A. Include with this application:

(1) A site layout drawing (see instructions for precise details);

See Attached

☑ (2) A line drawing showing the water flow through the facility (see details and Figure 1 of the instructions for an example); and Figure 1

(3) Details and drawings of each treatment unit (see instructions for precise details).

See Attached

B. For each outlet provide a description of: (1)(a) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff (including material handling and storage area run-off and areas where pesticides, herbicides, soil conditioners and fertilizers are applied); (1)(b) The average flow contributed by each operation; and (2) The treatment received by the wastewater. Use the table below to enter this information. For additional outlets click the **Add 1 Row** button.

	Outlet Number (list):	008
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Surface Impoundment No. 1, Constructed Wetlands Treatment System, and the sediment basin located at the southeast side of the haul road bridge.
b.	Average Flow (mgd):	0.44409
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	012
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	013
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	014
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	015
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff & Mine Drainage
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A
	Outlet Number (list):	018
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	None, discharge to surface water
b.	Treatment List Codes from Table 1 (see instructions):	4-A

	Outlet Number (list):	020
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff. Emergency overflow of Surface Impoundment No. 1
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	022
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff. Emergency Overflow from constructed treatment wetlands
b.	Average Flow (mgd):	Flow depends on storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	023
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Storm Water Runoff
b.	Average Flow (mgd):	Flow depends upon storm event
a.	Treatment Description:	Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM01
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase I
b.	Average Flow (mgd):	0.01134
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM02
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase I
b.	Average Flow (mgd):	0.00675
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM03
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Stages I & II
b.	Average Flow (mgd):	0.01269
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U

	Outlet Number (list):	LM04
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Stages I & II
b.	Average Flow (mgd):	0.00735
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM05
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase III
b.	Average Flow (mgd):	0.01812
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM06
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase III
b.	Average Flow (mgd):	0.01209
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM07
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCS Phase IV A & B
b.	Average Flow (mgd):	0.12772
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U
	Outlet Number (list):	LM08
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS Phase IV A & B
b.	Average Flow (mgd):	0.01934
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM09
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Formerly 1308LCLU
b.	Average Flow (mgd):	0.01962
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM10
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LCUU Phase IV A & B & U
b.	Average Flow (mgd):	0.0771
a.	Treatment Description:	Chem. Oxidation, Chem. Precip., Sedimentation
b.	Treatment List Codes from Table 1 (see instructions):	2-B, 2-C, 1-U

	Outlet Number (list):	LM11
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LDS for Cells A & B of Surface Impoundment No. 1
b.	Average Flow (mgd):	0.00216
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM12
	Operation(s) Contributing to Flow:	
a.	Operation (list):	LD Impoundment Cell C
b.	Average Flow (mgd):	0.02635
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM13
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Equalization Basin 1
b.	Average Flow (mgd):	0.15086
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM14
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Equalization Basin 2
b.	Average Flow (mgd):	0.1644
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM15
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 1
b.	Average Flow (mgd):	0.1704
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM16
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 2
b.	Average Flow (mgd):	0.1680
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM17
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Vegetative Cell 3
b.	Average Flow (mgd):	0.1692
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U

	Outlet Number (list):	LM18
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Discharge from Wetlands Vegetative Cell 3
b.	Average Flow (mgd):	0.15055
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM19
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Cell 4
b.	Average Flow (mgd):	0.1656
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM20
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Influent to Wetlands Cell 5
b.	Average Flow (mgd):	0.14269
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	LM21
	Operation(s) Contributing to Flow:	
a.	Operation (list):	Discharge from Wetlands Weir Box
b.	Average Flow (mgd):	0.19390
a.	Treatment Description:	Sedimentation as component of Outlet 008 discharge
b.	Treatment List Codes from Table 1 (see instructions):	1-U
	Outlet Number (list):	MW05
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW17
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW18
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A

	Outlet Number (list):	MW19
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A
	Outlet Number (list):	MW20
	Operation(s) Contributing to Flow:	
a.	Operation (list):	N/A
b.	Average Flow (mgd):	N/A
a.	Treatment Description:	N/A
b.	Treatment List Codes from Table 1 (see instructions):	N/A

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items XIV-A or B intermittent or seasonal?

○ Yes (complete the following table) ◉ No (go to Section XV)

1. Outlet Number (list): 008

2. Operation(s) Contributing Flow (list):

3. Frequency (Avg):
   a. Days Per Week:
   b. Months Per Year:

4. Flow:
   a. Flow Rate (mgd):
      1. Long Term Avg
      2. Max Daily:
   b. Duration (in days):

1. Outlet Number (list): 012

2. Operation(s) Contributing Flow (list):

3. Frequency (Avg):
   a. Days Per Week:
   b. Months Per Year:

4. Flow:
   a. Flow Rate (mgd):
      1. Long Term Avg
      2. Max Daily:
   b. Duration (in days):

1. Outlet Number (list): 013

2. Operation(s) Contributing Flow (list):

3. Frequency (Avg):
   a. Days Per Week:
   b. Months Per Year:

4. Flow:
   a. Flow Rate (mgd):
      1. Long Term Avg
      2. Max Daily:
   b. Duration (in days):

1.	Outlet Number (list):	014
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	015
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	020
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	022
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	023
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM01
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM02
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM03
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM04
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM05
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM06
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM07
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM08
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM09
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM10
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM11
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM12
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM13
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM14
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM15
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	LM16
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM17
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM18
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM19
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM20
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	LM21
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	MW05
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	MW17
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	MW18
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	
1.	Outlet Number (list):	MW19
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

1.	Outlet Number (list):	MW20
2.	Operation(s) Contributing Flow (list):	
3.	Frequency (Avg):	
a.	Days Per Week:	
b.	Months Per Year:	
4.	Flow:	
a.	Flow Rate (mgd):	
1.	Long Term Avg	
2.	Max Daily:	
b.	Duration (in days):	

Section XV: Effluent Guideline Information

XV. EFFLUENT GUIDELINE INFORMATION (see instructions)

A. Does an effluent guideline limitation promulgated by EPA under 304 of the Clean Water Act apply to your facility?

(●) Yes (complete Item XV-B&C) ( ) No (go to Item XVI)

B. What specific effluent guideline(s) apply to your operation? Include appropriate subcategory of industry.

40 CFR Part 423 - Steam Electric Power Generation Point Source Category

C. Are limitations in the applicable effluent guideline expressed in terms of production?

( ) Yes (complete XV-D) (●) No (go to Item XV-E)

D. List the quantity which represents an actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outlets. Please use the Quantity table below.

Please fill out the form below for each affected outlet

E. Provide the appropriate basis for calculating guideline based effluent limitations.

Applicable Effluent Guidelines are concentration based.

1.MAXIMUM QUANTITY a.Quantity/day	1.MAXIMUM QUANTITY b.Units of Measure	1.MAXIMUM QUANTITY c.Operation, product, material, etc. (specify)	2.AFFECTED OUTLETS (list outlet numbers)

Section XVI: Improvements

XVI. IMPROVEMENTS

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

(●) Yes (complete the following table) ( ) No (go to Item XVI-B)

1. Identification of Condition Agreement, etc: Modification 3 to WV0075795 issued April 17, 2018

2. Affected Outlets:
   a. Number: 008
   b. Source of Discharge: Imp1, Wetlnd, Basin

3. Brief Description of Project: Mercury limit compliance

4. Final Compliance Date:
   a. Required: Mod 6 Issued
   b. Projected: Uncertain

XVI B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

If description of additional control programs is attached. ○ Paper ◉ Electronic

Section XVIII: Potential Discharges not Covered by Analysis

XVIII. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Provide a list of any toxic pollutant not otherwise listed in Item XVII-C which you do or expect that you will over the next 5 years use or manufacture as an immediate of final product or byproduct. Also list sources and expected levels of such pollutants and provide MATERIAL SAFETY DATA SHEETS (MSDS) for each pollutant listed. Continue on additional sheets if necessary.

None, not applicable

B. Provide a listing and frequency of all chemical or treatment agents used in cooling water systems, boiler water systems, well redevelopment operations, and each wastewater treatment system utilized. Also list all pesticides, herbicides, soil conditioners and fertilizers used at this site, and provide MSDS Sheets for each agent list. Continue on additional sheets if necessary.

See attached Chemical Usage listing (rev. 12/10/2020) and associated SDS sheets

Section XIX: Biological Toxicity Testing Data

XIX. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

◉ Yes (identify the test(s) and describe their purpose) ○ No (go to Item XX)

Under the current permit Acute Toxicity testing has been required biannually at Outlet 008 for Ceriodaphnia dubia and Pimephales promelas. The results of these test are submitted for the Reporting Periods ending April 30 and October 31.

Or, you can attach a document: ○ Paper ○ Electronic

Section XX: Sampling and Analysis Information

XX. SAMPLING AND ANALYSIS INFORMATION

A. Sampling Method: Briefly describe procedure followed including type of equipment or collection apparatus used.

Grab Sample: Individual samples collected in less than 15 minutes using the appropriate containers and preservatives for the parameters to be analyzed.

Composite Sample: A combination of individual samples obtained at regular intervals over a 24-hour period. For storm water sampling the compositing time is three hours. The volume of each sample is proportionate to the discharge flow.

B. Were sample preservatives used? (●) Yes ( ) No

C. Was the latest approved edition of Standard Methods used during analysis?

(●) Yes (go to XX-E) ( ) No (complete Item XX-D)

D. Describe method used during analysis.

E.Outlet Sampled	F.Time Sampled	G.Date Sampled	H.Date Analyzed	I Name and Address of Laboratory
008	13:17	11/01/2020	11/01/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330 Eurofins TestAmerica, WV-142, 301 Alpha Drive, RIDC Park, Pittsburgh,
012	10:35	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
013	11:18	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
014	11:41	10/15/2020	10/15/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330
015	08:01	07/21/2020	07/21/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330

018	12:09	11/11/2020	11/11/2020	Harrison Power Station Lab WV-151, P.O. Box 600, Haywood, WV 26366 FirstEnergy Beta Lab, WV-377, 6670 Beta Drive, Mayfield Village, OH, 44143 Reliance Laboratories, WV-158, P.O. Box 4657, Bridgeport, WV 26330

J. Has the laboratory in Item XX-I received any required certification to perform the waste analysis associated with this application?

(●) Yes (complete Item XX-K) ( ) No (go to Item XX-L)

K. Provide the name and address of certifying agency.

Each of the listed laboratories maintains continuous WVDEP Laboratory Quality Assurance Program (QAP) Certification

L. Has any Performance Audit Inspection (PAI) been performed at the laboratory listed in Item XX-I?

(●) Yes (complete Item XX-M) ( ) No (go to Item XXI)

M. Provide the name and address of the agency conducting the audit and the date of the most recent audit performed.

Beta Lab, last WVDEP QAP Inspection 10/09/2020 by Tommy W. Smith III. Renewed certification document remained pending 12/23/2020.
Harrison Power Station Lab, last WVDEP QAP inspection 1/28/2020 by Kelly Kinder. Certification current through May 31, 2021.
Reliance Lab, last WVDEP QAP inspection 1/27/2020.
Eurofins Test America, WVDEP Certified Lab No. 142, QAP Certification valid through 2/21/2021 at time of analyses.

Section XXI: Sludge Disposal

Does or will your facility generate sludges, other solid wastes, or other pollutants for disposal?

(●) Yes (complete A and B below) ( ) No (go to XXII)

A. Describe method of disposal (landfill, incineration, other)

On-site disposal - Landfilled

B. Submit name, location, Agency issuing permit for landfill and attach letter of acceptance of wastes from disposal operator if other than "on-site".

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Section XXI Waste: Industrial Solid Waste Disposal Facility

A. Is this application being submitted to obtain a permit to operate and/or monitor an Industrial Solid Waste Disposal Facility?

(●) Yes ( ) No

Please complete and attach the Application Requirements for a Class F Industrial Solid Waste Facility document.

Section XXII: Operation and Maintenance

A. Has a Best Management Practice (BMP) plan been developed for your facility?

(●) Yes ( ) No

B. Specify a plan of maintenance for each treatment unit described in Item XIV-B.

Or, attach a document ( ) Paper (●) Electronic

1. Outlet Number	2. Treatment Unit	3. Plan of Maintenance
008	Chemical Oxidation, Chemical Precipitation, Sedimentation	Part of Modification #5 addressed the installation of a two-chambered concrete collection aeration/chemical sump at the toe of the existing landfill. Experience thus far is showing very little sediment accumulation with this sump itself. Ongoing chemical monitoring is performed at the discharge of the sump to the inlet of Surface Impoundment No. 1. Changes in monitored parameters will be considered indicators of the need to lower sump levels for cleaning and aeration nozzle replacements. However, these will occur on an as-needed, rather than scheduled basis. Sediments accumulating in the Surface Impoundment will continue to be dredged when approaching 60% of basin cell capacities.
022	Sedimentation	Dredge when approaching 60% of basin capacity.
023	Sedimentation	Dredge when approaching 60% of basin capacity.

C. Describe means of coping with inplant spills and upsets and practices to be employed during idle periods caused by power failures, repairs, etc. in the treatment units.

An Integrated Contingency Plan (ICP) & Spill Prevention Response Plan (SPR) describes emergency responses to be implemented by Station personnel in the event of a spill.

D. Describe provisions for coping with spills at barge, rail or truck loading and unloading facilities.

Refer to ICP Plan described by Item C, above, attached.

Section A: GPP Facility

1. Name and Address of Facility

a. Facility Name: Harrison Powder Station CCR Landfill

b. Location (Street or Highway): State Route No. 20

City: Haywood

Postal Code: 26366 PostalCode Ref.

Facility Telephone Number: 304-584-2233 (###-###-####)

c. County: Harrison

d. Latitude:

Degrees: 39 Minutes: 24 Seconds: 28.6 **N** (ss.ssss)

Longitude:

Degrees: 80 Minutes: 19 Seconds: 26.28 **W** (ss.ssss) *Interactive Mapper*

Geospatial Method: Topograhic Map

Datum: NAD27

☑ Is the Mailing Address of this Facility different from Facility Address?

e. Facility Address:

Address Line 1:	Harrison Power Station
Address Line 2:	P.O. Box 600
Address City:	Haywood
Address State:	West Virginia
Address Postal Code:	26366 PostalCode Ref.
Email Address:	gdinzeo@firstenergycorp.com
Country:	United States of America

2. Person Developing the GPP

a. Name:	Edward J. Newbaker IV
b. Address Line 1:	800 Cabin Hill Drive
Address Line 2:	
Address City:	Greensburg
Address State:	PA
Address Postal Code:	15601 PostalCode Ref.
c. Telephone No.:	724-838-6574 (###-###-####)
Email Address:	enewbaker_iv@firstenergycorp.com
Country:	United States of America

3. Person Responsible for Implementing GPP

a. Name:	Gary J. Dinzeo, Director
b. Address Line 1:	Harrison Power Station
Address Line 2:	P.O. Box 600
Address City:	Haywood
Address State:	West Virginia
Address Postal Code:	26366 PostalCode Ref.
c. Telephone No.:	304-584-2233 (###-###-####)
d. Email Address:	gdinzeo@firstenergycorp.com

4.
Brief Description of Facility Operation:

See comprehensive facility GPP loaded to this section as an attachment.

Section B: GPP Section B

2. Person Developing GPP

List all the activities that are conducted at your facility that require a GPP (grading, concrete/asphalt work, painting, stucco, storing fuel, fertilizer and other chemicals, etc.). List actual activities; do not quote the regulation.

See comprehensive facility GPP loaded to this section as an attachment.

Say: store diesel fuel in 1,000-gallon underground storage tank.
Don't say: "Storing, treating, disposing, or related handling of hazardous waste…….in tanks, drums, or other containers, or in piles."
Include all activities at your site subject to the regulation, even if protective practices are already being implemented.

See comprehensive facility GPP loaded to this section as an attachment.

Give complete details about aboveground and underground tanks, including

1. Number of each type of tank
2. Capacity of each tank
3. Identification of contents of each tank

See comprehensive facility GPP loaded to this section as an attachment.

Section C: GPP Section C

- For each activity listed in Section B, describe the practice (BMP) that will be used to protect groundwater. The BMPs must be described. Simply stating that BMPs will be used is unacceptable.
- Practices in SPCC or Storm Water Pollution Prevention Plans (SWPPP) may be used in the GPP provided, that they are equally protective of groundwater.
- Include all activities at your site subject to the regulation, even if protective practices are already being implemented.
- Information about secondary containment for ASTs must include the kind of material (metal, concrete, asphalt) making up the floor and berms (sides) of the containment area.
- Tanks that are double-walled are considered secondarily contained.

See comprehensive facility GPP loaded to this section as an attachment.

Section D: GPP Section D

- The GPP must be implemented upon approval.
  Having a GPP on file in an office somewhere does not keep a facility in compliance WV0115924. The GPP must be retained and implemented at the site for which it was developed.
- Procedures for protecting groundwater when designing and adding new equipment and operations. Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.
- The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

See comprehensive facility GPP loaded to this section as an attachment.

Section E: GPP Section E

- You are developing a Groundwater Protection Plan; therefore, training must focus on groundwater protection.
- Training must include educating the employees about the importance of groundwater protection and include all aspects of the GPP.
- Briefly describe topics to be covered in training the employees about groundwater protection practices.
- Procedures for protecting groundwater when designing and adding new equipment and operations. Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.
- The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

See comprehensive facility GPP loaded to this section as an attachment.

Section F; GPP Section F

Inspections are conducted to insure that the practices selected to prevent groundwater pollution are being used and are properly functioning.

- State the frequency of the inspections and what is to be inspected.
- Include an Inspection Checklist. The checklist is documentation that you are implementing the GPP. The checklist must include date, name of inspector, what is to be inspected, observations, actions taken, if any.

See comprehensive facility GPP loaded to this section as an attachment.

Section G: GPP Section G

- Waste material will not be used for deicing, fill, or any other use, unless that use is allowed by regulation or permit.

See comprehensive facility GPP loaded to this section as an attachment.

Section H: GPP Section H

- Material Safety Data Sheets or Safety Data Sheets shall be provided for all chemicals, or substances, used or stored on site.

See comprehensive facility GPP loaded to this section as an attachment. See also comprehensive ICP attached to this application.

Section I: GPP Section I

- Provide all available groundwater quality data for the facility as well as well locations or other sampling points.

See comprehensive facility GPP loaded to this section as an attachment.

Section J: GPP Section J

(a) Sinkhole Mitigation shall be carried out according to the WVDEP Sinkhole Mitigation Guidance Document (August 2005, revised 2018), or other applicable standards as recommended by the G or PE and approved by the West Virginia Department of Environmental Protection (WVDEP).

Design Requirements

1. The location of all sinkholes shall be shown on the existing conditions scale drawing, included with the preliminary plan submission. The edge of the sinkhole is to be considered the last closed contour based on five foot (5') contour mapping.
2. All sinkholes identified prior to construction shall be either remediated or separated from construction by a minimum one hundred-feet (100').
3. Remediation shall be carried out under the direction of a qualified Geologist or Geotechnical Engineer. Mitigation shall be carried out according to the WVDEP Sinkhole Management Guidance Document (August 2005 et. seq.), or other applicable standards as recommended by the G or PE and approved by the WVDEP.
4. Any improvements planned to fall within one hundred feet (100') of any sinkhole (remediated or not), shall require a thorough subsurface investigation conducted by a qualified G or PE to ensure that the planned improvements do not present a threat to human health, safety, or the environment. Should these investigations detect previously unknown sinkhole features, paragraph 2 applies.
5. For any subsurface investigations requiring boreholes, such as air track drilling or rock coring, the boreholes must be grouted upon completion. All air track drilling operations used to determine the depth of overburden and continuity of bedrock shall be monitored full-time by a G or PE or other qualified individual.
6. Underground utilities located within one-hundred feet (100') of a karst feature, then a dike of clay or other suitable material shall be placed across the trench at twenty-foot (20') intervals or less along the entire length which passes through the one hundred foot (100') radius, or as directed by a G or PE.
7. Do not apply any fertilizer, pesticides, or other chemicals within at least one-hundred feet (100') of a sinkhole.
8. Immediately (within 24 hours) after disturbing any soil, lightly fertilize, seed, and mulch the area to control erosion. A geotextile may be needed on steep slopes.
9. At least one subsurface cross section should be submitted with the storm water plan, showing confining layers, depth to bedrock, and water table, if encountered. It should extend through the centerline of any proposed impounding storm water facility.
10. Natural karst swales should be protected whenever possible as an effective element in storm water design in karst regions.

See comprehensive facility GPP loaded to this section as an attachment.

Certification: GPP Certification

- The person who can make the managerial and/or financial decisions that are required to implement your plan should be the one signing the certification statement.
- Use the following certification statement verbatim.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Use the following certification statement verbatim.

Designated Representative: Gary J. Dinzeo

Title: Director, Harrison Power Station

Signature: _____

Date: 2/25/2021

Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.

Form: Statement For Billing, Class II

The Monongahela Power Company , of which I am an
name of company or facility
authorized representative, has applied for a West Virginia National Pollutant Discharge Elimination System permit from the West Virginia Department of Environmental Protection, Division of Water Resources. Under the West Virginia Legislative Rules, Title 33, Series I, Section 3.21.3.b, the costs of publishing a Class II legal advertisement are to be paid by the applicant who must also send the certificate of publication to the Division of Water Resources within twenty (20) days after publication.

The Monongahela Power Company , hereby agrees to pay
name of company or facility
the cost of such legal advertisement. The publishing newspaper should send the certificate of publication and bill to, company or facility name and address:

Name:	Monongahela Power Company
Line 1:	800 Cabin Hill Drive
Line 2:	
Country:	United States of America
City:	Greensburg
State:	Pennsylvania
Zip:	15601 PostalCode Ref.

William E. Cannon (authorized representative) 724-838-6018 (###-###-####) (area code phone number)

_____
Signature of Authorized Representative

Sworn and subscribed to before me this_____ day of _____ , 20_____.

_____
Notary Public

_____
Commission Expires

MonPower™
A FirstEnergy Company

800 Cabin Hill Drive
Greensburg, PA 15601

USPS and EMAIL

November 2, 2020

Ms. Katheryn Emery, Director
WV Dept. of Environmental Protection
Division of Waste and Water Management
601 57th Street, SE
Charleston, West Virginia 25304-2345

RE: Monongahela Power Company
Harrison Power Station
WV/NPDES Permit No. WV0075795 CCR Landfill
Status/Progress Report - Compliance Schedule for Mercury Effluent Limits (Outlet 008)

Dear Ms. Emery:

On May 20, 2016, the West Virginia Department of Environmental Protection (WVDEP) published a draft renewal of Solid Waste/NPDES Permit No. WV0075795 (the "Permit") which covers Monongahela Power Company's Harrison Power Station Coal Combustion Residue Landfill Site. By letter dated July 18, 2016, Monongahela Power (MP) submitted its comments on this draft, one of which related to the imposition of new Mercury discharge limitations on an existing source (Outlet 008) without the benefit of an interim compliance period. Outlet 008 is described as a "Flow weighted composite from the discharges from Cell C of Surface Impoundment No. 1, the wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge." The average flow at Outlet 008 is 0.40 MGD and the maximum flow reported during the last permit cycle was 0.88 MGD. Numerous Landfill underdrains, in addition to storm water, provide inflow to Surface Impoundment No. 1.

WVDEP reissued the Permit on September 19, 2016 with a stated effective date of November 1, 2016, but without the requested interim compliance period. MP appealed to the Environmental Quality Board (EQB) (Appeal No. 16-04-EQB) and obtained a Stay of the Mercury limits. Following a period of negotiation, the EQB entered an Agreed Order Remanding Permit (Order) on August 18, 2017. The Order remanded the permit to WVDEP to propose the changes described and shown on its Exhibit A, "Compliance Schedule." That Compliance Schedule, as well as other changes to the Permit contemplated by the Order, was incorporated into Modification No. 3 of the Permit issued on April 17, 2018. Among the Compliance Schedule items is a requirement to "Continue chemical feed testing and data collection in accordance with previously-approved Mercury Treatment Trial" during the period through December 31, 2018.

The Part B Schedule of Compliance contained within Permit Modification Number 3 requires submission of bi-annual Status Reports through November 1, 2020, in addition to a series of Progress Reports for each of seven specified milestone items. By a strict interpretation of the Part B Schedule, some of these essentially identical reports are required within two weeks of one another. MP contends that the Progress Report requirement makes the Status Report requirement, a holdover from the original EQB Order, superfluous. MP submitted its first combined Status/Progress Report to the Department by letter dated June 7, 2018, stating within that unless informed by the Department to the contrary, MP intended to

continue submitting combined Status/Progress Reports in accordance with the milestone-linked compliance schedule. Having received no objection from the Department to date, MP continued that concept with its second (January 7, 2019), third (June 10, 2019), fourth (January 13, 2020) and fifth (May 11, 2020) reports. This, the sixth such combined Status/Progress Report is submitted in response to the November 1, 2020 deadline for "Submission of status reports on implementation of treatment and other approaches to achieve compliance".

Milestone Items:

Precedent: March 2012: MP receives modification to install a ferric chloride feed system at Surface Impoundment 001 to facilitate metals precipitation. Surface Impoundment 001 ultimately discharges via Outlet 008.

November 23, 2016: MP submitted a request to WVDEP to conduct a chemical application field study of an organosulfide additive at Surface Impoundment 001 for the control of mercury.

September 14, 2017: MP receives approval to evaluate the use of hydrogen peroxide as an additional component of the treatment of Surface Impoundment 001.

Status as reported June 7, 2018: The organosulfide feed had been temporarily suspended as its interaction with the hydrogen peroxide treatment component was assessed. Data collection and analysis was continuing as we attempted to determine whether the organosulfide feed was actually reducing or perhaps slightly increasing discharge concentrations of the frequently barely detectable, always trace-level mercury. Personnel were engaged in optimizing the feeding locations and rates of each of these chemical additives within the overall system.

In addition to testing the above chemical additives for controlling mercury and other trace metals, the Station was pursuing another component of its compliance strategy. In years past, a diffuser had been installed where Outlet 008 discharges to the West Fork River. During its time of operation, this diffuser had presented some operational challenges. In 2003, a wetlands treatment system was installed serving certain components of the landfill's total discharge. At that time, maintenance of, and consideration of this diffuser in the calculation of the site's discharge limitations, were discontinued. Although not currently receiving "credit" for its operation, this diffuser, with certain system improvements, is currently in service with Station personnel actively engaged in collecting data studying the effectiveness of its operations under the various seasonal flow regimes.

Activities occurring during the June 1 through December 31, 2018 Reporting Period: The milestone activities described above continued during the current reporting period. The organosulfide feed was restarted and continued. Data collected during the mercury study period ending December 31st is now being organized and analyzed. An updated diffuser mixing zone study of the 008 Outlet is currently being conducted. By letter dated December 18, 2018 MP requested the WVDEP provide a Letter of Non-Objection relative to the planned installation of a temporary pipeline to bring landfill leachate back to the power station's water negative FGD scrubber system. Related permits and approvals for this pipeline are being sought or have already been obtained. Plans are also underway toward the likely installation of a

permanent pipeline to replace the planned temporary pipeline. It appears likely that the permit Mr. modification application required for submittal by June 1, 2019 may include, in addition to the use of treatment chemicals for mercury reduction, an application for site-specific mixing zone limits for mercury, arsenic, selenium and chloride based upon the benefits imparted by this diffuser.

Activities occurring during the January 1 through March 15, 2019 Reporting Period: Data collected during the mercury study period ending December 31st has been organized, analyzed, and the decision made that the trial organosulfide feed does provide benefit toward controlling mercury and its use will therefore be continued. The Department issued a Letter of Non-Objection for installation of the temporary pipeline to bring landfill leachate to the water negative FGD scrubber system. CWA Section 401 certification issuance issues, due to the need for the pipeline to cross an existing bridge across the West Fork River, have thus far delayed the completion of this temporary pipeline. Separately, a meeting was held March 6th with Yogesh Patel, John Lockhart and Nikita Sangani of your staff to discuss MP's multi-faceted compliance strategy. A Major Modification application was submitted March 28th proposing to direct selected landfill leachate collection pipes into a new sump.

Leachate collected within the proposed sump will either be pumped to the Station via a proposed permanent pipeline (replacing the temporary pipeline) for re-use as make-up for the water negative FGD system or else treated within
the sump by aeration and chemical addition prior to discharge to Sedimentation Pond No. 1, which ultimately discharges to Outlet 008. The March 28th Major Modification application also requests that the currently trial feeds of hydrogen peroxide and organosulfide be formally incorporated into the list of approved water treatment chemicals. Moreover, minor feeds of sodium hydroxide and/or sulfuric acid will be available for neutralization as needed, as will be a flocculation polymer. By letter dated March 29, 2019 a request was submitted seeking the Department's issuance of a Letter of Non-Objection for acceptance of this leachate water by the Station's FGD system covered by NPDES Permit No. WV0005339.

Activities occurring during the March 16 through June 1, 2019 Reporting Period:

The temporary leachate transfer pipeline was placed into service on April 17, 2019. By letter dated May 16, 2019 an initial 30-Day Report was submitted for the temporary pipeline as required. On June 2, 2019 a pipeline flange failed producing a short-term bypass as reported via notification letter dated June 5, 2019. Following repair, the pipeline was quickly returned to and remains in service. The second, quarterly, report for this temporary pipeline covering the period April 17 to June 30, 2019 will be submitted by July 20, 2019.

An updated diffuser mixing zone study of the 008 Outlet has been completed. On May 28, 2019 a second Major Modification application was submitted presenting the diffuser study and requesting recalculation of the mercury, chloride, arsenic and selenium permit limitations currently applicable or stayed at Outlet 008 in order to consider the site-specific dilutions available but not presently credited within the Landfill's SW/NPDES Permit. The May 28, 2019 application also discusses proposed changes to the configuration of the final pipeline manholes and an emergency discharge point. Additionally, changes were requested relative to the ongoing compliance monitoring of certain individual leachate sampling points considering the proposed changes. Cumulatively, the actions for which authorization has been requested by the

March 29 and May 28, 2019 Major Modification applications constitutes MP's strategy to ensure mercury compliance as required by the Schedule of Compliance contained within Modification No. 3 dated April 17, 2018.

Activities occurring during the June 1 through December 31, 2019 Reporting Period:

The Major Modification application submitted March 28, 2019 was approved by letter dated September 10. 2019. This approved change involves directing select landfill leachate pipes to discharge into a new leachate collection sump, then to be either transferred via a newly authorized permanent pipeline to the power station's zero liquid discharge flue gas desulfurization system or to be treated by aeration and chemical addition prior to discharging to Sedimentation Pond No. 1, then ultimately to existing Outlet 008. Work has progressed in accordance with this modification.

Activities occurring during the January 1 through April 30, 2020 Reporting Period:

The Temporary Pipeline Installation Non-Objection Letter Quarterly Report was filed by letter dated January 21, 2020.

Following other required approvals, the Clean Water Act Section 401 Water Quality Certification required for the permanent pipeline was issued by letter dated January 6, 2020, becoming fully effective January 21, 2020. The 401 Certification allowed completion of the pipeline section crossing an existing private bridge. This, the last section of the approved task, was completed rapidly and, by January 31, 2020 the permanent pipeline was being hydrotested with river water.

The sole remaining impediment to placing the permanent pipeline system into service was issuance of a Letter of Non-Objection for the station's zero-liquid discharge FGD system to accept the landfill leachate on a permanent basis. Enclosed within the Fourth (January 13, 2020) Status/Progress Report was a courtesy copy of the March 29, 2019 letter to former Director Ward formally requesting issuance of the requested Non-Objection Letter, and a reiteration of that request. By letter dated March 20, 2020, you, Director Emery, granted the Department's Non-Objection to the Station's FGD system's acceptance of the leachate from the permanent pipeline. The March 20th letter was received Friday, March 27th, notification to Enforcement was made and the permanent pipeline was placed into service on Monday, March 30, 2020. Currently, the permanent pipeline is recycling an average of 120 gpm of leachate to the FGD system. At present, the temporary pipeline also continues in service returning an additional average 120 gpm of treated water to the FGD system. By treated, meaning leachate which has been through the newly installed chemical treatment system, then discharged to Surface Impoundment No. 1 for final sedimentation and mixing before being fed into the temporary pipeline at a point near the Surface Impoundment's discharge structure. The ratio between these pipelines is being periodically adjusted such that eventually the FGD system will be accepting its full capacity of untreated leachate via the permanent pipeline and the temporary pipeline will be eliminated. Thereafter, following issuance of the modification requested May 28, 2019, chemically treated leachate, (in excess of the untreated amount being accepted by the FGD system based on system chemistry and operational load), will be discharged to Surface Impoundment No. 1 for final treatment prior to discharging to the West Fork River via the diffuser.

As of January 10, 2020, the Major Modification application submitted May 28, 2019, which constitutes a very significant portion of Monongahela Power's mercury compliance strategy, remained at the same 40% approval level it had held within the WVDEP Electronic Submission System for approximately six months. My February 28, 2020 email to Assistant Director Yogesh Patel highlighted the point that MP could take no further substantive action toward implementing its stated mercury control compliance strategy pending agency action on the May 28, 2019 modification application. Subsequently, following a discussion between MP Outside Counsel Christopher Powers of BabstCalland and Assistant Secretary Scott Mandirola, the May 28, 2019 modification application was marked 100% complete within the ESS. However, MP has since become aware that Mr. John Lockhart of your office was only thereafter assigned to review the diffuser study component of the May 28, 2019 application.

One outstanding issue identified during the March 6, 2019 meeting between MP and WV DEP staffs was as follows: A safety overflow port is located near the end of the pipeline leading to the diffuser. At present, in the event of an overflow, that overflow would be directed via a concrete swale to a point directly atop the current Outlet 008 discharge pipe. It was explained by Department staff that, once the requested modification was issued, any discharge from that overflow would be required to meet the currently existing Outlet 008 limitations and not the new, modified, limits which will be applied to the diffuser discharge following issuance of the requested modification. In the intervening time since that meeting, MP has worked to complete a design which will raise this overflow elevation to a point approximately 14 vertical feet higher than the 7Q10 flow elevation of that transect within the West Fork River An April 30, 2020 email from myself to Messer's Lockhart and Patel of your staff informally presented MP's proposed plans and requested the Agency's guidance as to its preferences regarding formal submittal of this design for consideration. As of the date of this letter MP awaits a response.

Activities occurring during the May 1 through October 31, 2020 Reporting Period:

Despite additional reminders on May 11 and June 22, 2020, the necessary agency guidance and action on how to proceed relative to raising the pipeline manholes had not been received, nor were there any known agency actions relative to the requested diffuser modification. By September, the agency had apparently neither completed its review of the application nor released a draft of the reissued permit. With neither having been subject to public notice and comment, MP realized the improbability of receiving a final modification prior to the specified January 1, 2021 compliance deadline. Responsibly, counsel for MP, on September 23, 2020, provided a letter to Charles S. Driver, Acting Director, Office of Legal Services, WV DEP stating that, per the terms of the EQB's Agreed Order, until the MP permit is re-issued pursuant to the mercury compliance modification application and the exhaustion of any appeals on that re-issued permit, then the Stay of the mercury compliance limits continues in effect. Acting Director Driver provided his written concurrence on October 13, 2020. MP, acting prudently, can take no further action toward mercury compliance pending final Agency action on its modification application of May 28, 2019.

The next Status/Progress Report will be submitted within 14 days following the December 15, 2020 deadline for "Installation and start-up of permanent chemical treatment system, as warranted".

Should you have any questions or care to discuss this matter further please do not hesitate to contact me at (724) 838-6018 or wcannon@firstenergycorp.com.

Sincerely

William E. Cannon
Staff Scientist

c: Tonya Mather - WVDEP, Fairmont
John Lockhart – WVDEP, Charleston
Yogesh Patel - WVDEP, Charleston

bc: R. E. Borsani - G-CH
G. J. Dinzeo - HRPS
J. A. Ford – HRPS
A. B. Habershaw – G-CH
D. C. Havalo – A-WAC-C1
A. W. Hoalcraft - HRPS
D. L. Hoone - G-CWV-3
J. J. Kapolka - G-CH
J. A. Meade - G-CH
S. J. Palcic -G-CH
C. B. Power - BabstCalland, Charleston
L. J. Sandolfini - HRPS
D. P. Szuch - G-CH
Environmental Master File

HARRISON POWER STATION
CCR Landfill, SW/NPDES Permit Number WV0075795
Chemical Usage, Frequency and Application Site

MATERIAL INVENTORY

Application Site	Manufacturer	Product	Purpose	Unit of Measure	Frequency	FE SDS #
Sedimentation Pond #1 Impoundment	Nalco	CAT-FLOC 71264	Flocculation	7,087 gal Tank WVID: 147-3773	Continuous	70000073
Sedimentation Pond #1 Impoundment	Nalco	EN/ACT 7894	Flocculation	90lb solid log	Continuous	70007228
Leachate Treatment Sump / Sedimentation Pond #1 Impoundment	Nalco	Nalmet 1689	Water Clarification Aid: Heavy metals removal	7,087 gal Tank WVID: 17-3774	Continuous	70000180
Leachate Treatment Sump / Sedimentation Pond #1 Impoundment	Nalco/ Univar/ Peroxychem	Hydrogen Peroxide, 35%	Oxidizer	9,402 gal Tank WVID: 17-3772	Continuous	70007463 (typical)
Leachate Treatment Sump / Sedimentation Pond #1 Impoundment	Univar	Sodium Hydroxide (Caustic Soda) 20-50%	pH adjustment	7,087 gal Tank WVID: 17-3775	Continuous	69014983 (typical)
Roadway Surfaces	United Laboratories	556 Zyme-Treat	Pre-digester for oil residue	5 gallon jug	As needed	70000013
Sedimentation Pond #1 Impoundment Dredging Process	Aquamark	AQ 587 or similar superseding cationic polymer	Cationic, water-soluble polymer	300 gal tote	As needed during infrequent dredging of sedimentation pond. See attached letter to Director	SDS attached to 8/28/2012 letter, attached

HARRISON POWER STATION
CCR Landfill, SW/NPDES Permit Number WV0075795
Chemical Usage, Frequency and Application Site

					Mandirola dated 8/28/2012 for additional usage details	
						Rev. 12/10/2020

NALCO
An Ecolab Company

SAFETY DATA SHEET

CAT-FLOC 71264

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	CAT-FLOC 71264
Other means of identification	:	Not applicable.
Recommended use	:	COAGULANT AID
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	05/07/2014

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion	:	Category 1A
Serious eye damage/eye irritation	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Causes severe skin burns and eye damage.

Precautionary Statements :

Prevention:
Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.
Storage:
Store locked up.
Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration: (%)
Ferric Chloride	7705-08-0	30 - 60
Dimethylamine - Epichlorohydrin Copolymer	25988-97-0	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders.Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Carbon oxides

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Keep away from strong bases. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Packaging material	:	Suitable material: Keep in properly labelled containers. Unsuitable material: not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Ferric Chloride	7705-08-0	TWA	1 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection	:	Safety goggles Face-shield
Hand protection	:	Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection	:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	:	Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Dark brown Opaque
Odour	:	Slight
Flash point	:	Not applicable.
pH	:	1.2, 100 %
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	106 °C
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	40 mm Hg (35 °C)
Relative vapour density	:	no data available
Relative density	:	1.37 - 1.41 (25 °C)
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	Carbon oxides
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Freezing temperatures.

Incompatible materials	:	Contact with strong alkalies (e.g. ammonia and its solutions, carbonates, sodium hydroxide (caustic), potassium hydroxide, calcium hydroxide (lime), cyanide, sulfide, hypochlorites, chlorites) may generate heat, splattering or boiling and toxic vapors.
Hazardous decomposition products	:	Oxides of carbon Oxides of nitrogen HCl May evolve ammonia under fire conditions. Carbon oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.
Inhalation	:	May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate : 3,818 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate : > 30000 ppm Exposure time: 4 h
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive effects	: no data available
Germ cell mutagenicity	: no data available
Teratogenicity	: no data available
STOT - single exposure	: no data available
STOT - repeated exposure	: no data available
Aspiration toxicity	: no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish	: LC50 Zebra Danio: 10 - 100 mg/l Exposure time: 96 hrs Test substance: Representative polymer tested in water with DOC
Toxicity to daphnia and other aquatic invertebrates	: LC50 Daphnia magna: 10 - 100 mg/l Exposure time: 48 hrs Test substance: Representative polymer tested in water with DOC
Toxicity to algae	: no data available

Persistence and degradability

no data available

Mobility

The product is eliminated from aqueous phase via abiotic process (adsorption on suspended material) to a large extent (>95 %).

Air	:
Water	:
Soil	:

Bioaccumulative potential

No bioaccumulation will occur. The large size of the polymer is incompatible with transport across the cellular membranes.

Other information

The hazard characterization is based on the tests or potential hazard in the clean water.

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	:	D002
Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	FERRIC CHLORIDE, SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 2582
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	3,030 lbs
RQ Component	:	FERRIC CHLORIDE

Air transport (IATA)

Proper shipping name	:	FERRIC CHLORIDE, SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 2582
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	3,030 lbs
RQ Component	:	FERRIC CHLORIDE

Sea Transport (IMDG/IMO)

Proper shipping name	:	FERRIC CHLORIDE, SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 2582
Transport hazard class(es)	:	8
Packing group	:	III

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ferric Chloride	7705-08-0	1000	3056

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Hydrochloric Acid	7647-01-0	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:
Hydrochloric Acid 7647-01-0 0.9091 %

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

TOXIC SUBSTANCES CONTROL ACT (TSCA)
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

AUSTRALIA
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

CHINA
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

JAPAN
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

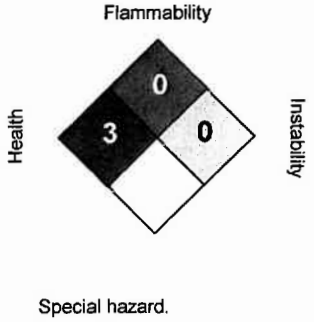
KOREA
All substances in this product comply with the Toxic Chemical Control Law (TCCL) and are listed on the Existing Chemicals List (ECL)

NEW ZEALAND
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

PHILIPPINES
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

Section: 16. OTHER INFORMATION

NFPA:



Special hazard.

HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	05/07/2014
Version Number	:	1.0
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

For additional copies of an MSDS visit www.nalco.com and request access.

Allegheny Energy
800 Cabin Hill Drive
Greensburg, PA 15601

CERTIFIED MAIL
91 7199 999 7031 8395 3902

August 28, 2012

Mr. Scott Mandirola, Director
Division of Water and Waste Management
West Virginia Department of Environmental Protection
601 57th Street SE
Charleston, WV 25304-2345

Re: Allegheny Energy Supply Company, LLC
Harrison Power Station
Harrison County - Haywood, WV
Sedimentation Pond Cleanout
NPDES Permit No. WV0075795

Dear Mr. Mandirola:

In a telephone conversation last week with Mr. John Britvec of your staff, I discussed our clean-out procedure for removing settled solids from Cell C of Harrison's CCB Sedimentation Pond, including our plans to cleanout Cell B in the near future. To facilitate the removal of settled solids from Cell C, I explained to Mr. Britvec our plan to feed a cationic, water-soluble polymer (AQ 587 - MSDS Enclosed) prior to pumping the sediments into geo-tubes. The filtrate water from the geo-tubes drains back into Cell B prior to discharge via permitted Outlet 008. This polymer (AQ 587) functions similar to the ferric chloride/polymer blend that you recently permitted for use here, except this is solely a polymer with no other chemical additives. We believe this polymer is better suited for settling out the fines we are encountering during the cleanout process and will ensure that these fines are retained in the geo-tubes, or worst case settle out in Cell B.

The polymer (AQ 587) ties together solids (fines) that become suspended in the water column during the cleanout process so that they are readily filtered out in the geo-tubes, which are then landfilled on-site. None of the polymer is anticipated to exit the geo-tubes, but if it did, it would quickly settle out in Cell B prior to discharge.

The initial feed rate of AQ 587 will be 174 milliliters per 900 gallons (50 mg/L) of sediment slurry pumped into the geo-tubes. This feed rate may be fine tuned to optimize fines settling while minimizing the amount of polymer used, with the intent of limiting usage to less than 50 mg/L.

Per my conversation with Mr. Britvec, this letter serves as notification of our intent to use the polymer AQ 587 to aid in the clean out process of Harrison's CCB sedimentation Pond. Should you have any questions regarding this notification, please contact me directly at (724) 838-6099.

Sincerely,

Joseph P. Lapcevic
Sr. Scientist

Enclosure

c: Mr. John G. Britvec - WVDEP Fairmont, WV Office
James E. Graf - Harrison

bc: W. E. Cannon
J. A. Ford - WV-HRPS
J. M. Hammer
A. W. Hoalcraft - WV-HRPS
R. J. Mezan - WV-HRPS
M. M. Tennant - WV-HRPS
Environmental Master File

AQUAMARK, INC.
AQ 587
MATERIAL SAFETY DATA SHEET

AQUAMARK, INC,
P.O. Box 773
Chesterland, OH 44026
Updated: 10/28/2010

Emergency Telephone Numbers
(440) 564-1227 Aquamark (weekdays)
(800)424-9300 Chemtrec (24 hrs.)

SECTION 1. PRODUCT IDENTIFICATION

Product Name: AQ 587

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Identification of the Preparation: Cationic water-soluble polymer in emulsion.

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview: Aqueous solutions or powders that become wet render surfaces extremely slippery.

Appearance/Odor

Form:	Viscous liquid
Color:	Milky
Odor:	Aliphatic

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin Contact:	Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.
Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.
Ingestion:	The product is not considered toxic based on studies on laboratory animals.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water, water spray, foam, carbon dioxide (CO2), dry powder.
Special Fire-Fighting Precautions:	Spills produce extremely slippery surfaces.
Protective Equipment for Firefighters:	No special protective equipment required.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special precautions required.

Environmental Precautions: Do not contaminate water.

Methods for Cleaning Up
Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

Storage: Keep in a dry, cool place. (0 - 30°C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Personal Protection Equipment

- Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

- Hand Protection: Rubber gloves.

- Eye Protection: Safety glasses with side-shields. Do not wear contact lenses.

- Skin Protection: Chemical resistant apron or protective suit if splashing or contact with solution is likely.

Hygiene Measures: Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	viscous liquid
Color:	milky
Odor:	aliphatic
pH:	3-7 @ 5 g/l for product series. See Technical Bulletin for specific value.
Flash Point (°C):	Does not flash
Autoignition Temperature (°C):	Does not ignite
Vapor Pressure (mm Hg):	0.13 @ 20°C
Bulk Density:	approx. 1.04
Water Solubility:	See Technical Bulletin
Viscosity (mPa s):	See Technical Bulletin

SECTION 10. STABILITY AND REACTIVITY

Stability:	Product is stable, No hazardous polymerization will occur.
Materials to avoid:	Oxidizing agents may cause exothermic reactions.
Hazardous Decomposition Products:	Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NOx), carbon oxides (COx).

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

- Oral:	LD50/oral/rat > 5000 mg/kg.
- Dermal:	The results of testing on rabbits showed this material to be non-toxic even at high dose levels.
- Inhalation:	The product is not expected to be toxic by inhalation.

Irritation

- Skin:	May cause skin irritation with susceptible persons.
- Eyes:	May cause eye irritation with susceptible persons.
Sensitization:	The results of testing on guinea pigs showed this material to be non-sensitizing.
Chronic Toxicity:	A two-year feeding study on rats did not reveal adverse health effects. A one-year feeding study on dogs did not reveal adverse health effects. Prolonged skin contact may defat the skin and produce dermatitis.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

The effects of this product on aquatic organisms are rapidly and significantly mitigated by the presence of dissolved organic carbon in the aquatic environment.

- Fish:	LC50/Danio rerio/96 hr > 10 - 100 mg/L (OECD 203) (Based on the toxicity of the components using the Conventional Method.)
- Algae:	Algae inhibition tests are not appropriate. The flocculating characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.
- Daphnia:	EC50/Daphnia magna/48 hr > 50 mg/L (OECD 202) (Based on the toxicity of the components using the Conventional Method.)

Environmental Fate:

The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

Bioaccumulation:	Does not bioaccumulate.
Persistence / Degradability:	Not readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products:	In accordance with federal, state and local regulations.
Contaminated Packaging:	Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated by DOT, IATA, IMDG

SECTION 15. REGULATORY INFORMATION

All components of this product are on the TSCA and DSL inventories.

RCRA Status:	Not a hazardous waste.
Hazardous Waste Number:	Not applicable.
Reportable Quantity (40 CFR 302):	Not applicable.
Threshold Planning Quantity (40 CFR 355):	Not applicable.
California Proposition 65 Information:	*The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:* This product contains a chemical(s) known to the State of California to cause cancer: residual Acrylamide.

HMIS & NFPA Ratings	**HMIS**	**NFPA**
Health:	1	1
Flammability:	1	1
Reactivity:	0	0
Personal Protection/Special:	B	

SECTION 16. OTHER INFORMATION

Person to Contact: Regulatory Affairs Manager

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information related only tot the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

NALCO

SAFETY DATA SHEET

PRODUCT

EN/ACT® 7894

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : **EN/ACT® 7894**

COMPANY IDENTIFICATION : Nalco Company
1601 W. Diehl Road
Naperville, Illinois
60563-1198

EMERGENCY TELEPHONE NUMBER(S) : (800) 424-9300 (24 Hours) CHEMTREC

NFPA 704M/HMIS RATING
HEALTH : 1 / 2* FLAMMABILITY : 1 / 1 INSTABILITY : 0 / 0 OTHER :
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme * = Chronic Health Hazard

2. COMPOSITION/INFORMATION ON INGREDIENTS

Our hazard evaluation has identified the following chemical substance(s) as hazardous. Consult Section 15 for the nature of the hazard(s).

Hazardous Substance(s)	CAS NO	% (w/w)
Acrylamide	79-06-1	0.1 - 1.0

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

WARNING
May cause irritation with prolonged contact. Acrylamide has been classified as a probable carcinogen to humans (Group 2A) by the International Agency for Research on Cancer (IARC), based on sufficient animal evidence and inadequate human data. ACGIH classifies acrylamide as A3 (confirmed animal carcinogen with unknown relevance to humans). The National Toxicology Program (NTP) 9th Report on Carcinogens lists acrylamide as an NTP anticipated carcinogen.
Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Use a mild soap if available. Water in contact with the product will cause slippery floor conditions. Wear suitable protective clothing and gloves.
Not flammable or combustible. May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions. Water in contact with the product will cause slippery floor conditions.

PRIMARY ROUTES OF EXPOSURE :
Eye, Skin

HUMAN HEALTH HAZARDS - ACUTE :

EYE CONTACT :
May cause irritation with prolonged contact.

SKIN CONTACT :
May cause irritation with prolonged contact.

INGESTION :
Not a likely route of exposure. May cause nausea and vomiting.

INHALATION :
Not a likely route of exposure. No adverse effects expected.

HUMAN HEALTH HAZARDS - CHRONIC :
Acrylamide has been classified as a probable carcinogen to humans (Group 2A) by the International Agency for Research on Cancer (IARC), based on sufficient animal evidence and inadequate human data. ACGIH classifies acrylamide as A3 (confirmed animal carcinogen with unknown relevance to humans). The National Toxicology Program (NTP) 9th Report on Carcinogens lists acrylamide as an NTP anticipated carcinogen.

4. FIRST AID MEASURES

EYE CONTACT :
Wipe or blot away excess material with clean cloth or paper towel. Wash affected areas thoroughly with water. If symptoms develop, seek medical advice.

SKIN CONTACT :
Wipe or blot away excess material with clean cloth or paper towel. Wash affected areas thoroughly with water. If symptoms develop, seek medical advice.

INGESTION :
Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. Get medical attention.

INHALATION :
Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

NOTE TO PHYSICIAN :
Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

FLASH POINT : > 200 F/ > 93.3 °C

EXTINGUISHING MEDIA :
Foam, Carbon dioxide, Dry powder, Other extinguishing agent suitable for Class B fires, For large fires, use water spray or fog, thoroughly drenching the burning material.
Water mist may be used to cool closed containers.

FIRE AND EXPLOSION HAZARD :
Not flammable or combustible. May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions. Water in contact with the product will cause slippery floor conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :
In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :
Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Keep people away from and upwind of spill/leak. Ventilate spill area if possible.

METHODS FOR CLEANING UP :
Sweep up and shovel. Reclaim into recovery or salvage drums. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS :
Prevent material from entering sewers or waterways.

7. HANDLING AND STORAGE

HANDLING :
Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Avoid generating dusts. Keep the containers closed when not in use. Ensure all containers are labeled.

STORAGE CONDITIONS :
Store in suitable labeled containers. Store the containers tightly closed. Store separately from oxidizers. Store in a cool well ventilated area away from direct sunlight.

SUITABLE CONSTRUCTION MATERIAL :
Shipping and long term storage compatibility with construction materials can vary; we therefore recommend that compatibility is tested prior to use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS :
Exposure guidelines have not been established for this product. Available exposure limits for the substance(s) are shown below.

Substance(s)	Category:	ppm	mg/m3	Non-Standard Unit
Acrylamide (Inhalable fraction and vapor.)	ACGIH/TWA ACGIH/Skin*		0.03	
Acrylamide	OSHA Z1/PEL OSHA Z1/Skin*		0.3	

* Can be absorbed through the skin.

ENGINEERING MEASURES :
General ventilation is recommended. Local exhaust ventilation may be necessary when dusts or mists are generated.

RESPIRATORY PROTECTION :
Respiratory protection is not normally needed. Where concentrations in air may exceed the limits given in this section or when significant mists, vapors, aerosols, or dusts are generated, an approved air purifying respirator equipped with suitable filter cartridges is recommended. Consult the respirator / cartridge manufacturer data to verify the suitability of specific devices. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION :
When handling this product, the use of chemical gloves is recommended. The choice of work glove depends on work conditions and what chemicals are handled. Please contact the PPE manufacturer for advice on what type of glove material may be suitable. Gloves should be replaced immediately if signs of degradation are observed.

SKIN PROTECTION :
Wear standard protective clothing.

EYE PROTECTION :
Wear safety glasses with side-shields.

HYGIENE RECOMMENDATIONS :
Use good work and personal hygiene practices to avoid exposure. Keep a safety shower available. Keep an eye wash fountain available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid gel
APPEARANCE	Off-white
ODOR	Somewhat sweet, Ammoniacal
SPECIFIC GRAVITY	1.08 - 1.12
DENSITY	9.14 lb/gal
SOLUBILITY IN WATER	Complete
pH (1 %)	7.5 - 8.5

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY

STABILITY :
Stable under normal conditions.

HAZARDOUS POLYMERIZATION :
Hazardous polymerization will not occur.

CONDITIONS TO AVOID :
Extremes of temperature Direct sunlight Moisture

MATERIALS TO AVOID :
Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.

HAZARDOUS DECOMPOSITION PRODUCTS :
Under fire conditions: Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product.

SENSITIZATION :
This product is not expected to be a sensitizer.

CARCINOGENICITY :
Acrylamide has been classified as a probable carcinogen to humans (Group 2A) by the International Agency for Research on Cancer (IARC), based on sufficient animal evidence and inadequate human data. ACGIH classifies acrylamide as A3 (confirmed animal carcinogen with unknown relevance to humans). The National Toxicology Program (NTP) 9th Report on Carcinogens lists acrylamide as an NTP anticipated carcinogen.

HUMAN HAZARD CHARACTERIZATION :
Based on our hazard characterization, the potential human hazard is: Low

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL EFFECTS :

The following results are for the product.

ACUTE FISH RESULTS :

Species	Exposure	LC50	Test Descriptor
Fathead Minnow	96 hrs	> 9,999 mg/l	Product

ACUTE INVERTEBRATE RESULTS :

Species	Exposure	LC50	EC50	Test Descriptor
Ceriodaphnia dubia	48 hrs	> 7,500 mg/l		Product

MOBILITY :
The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	Water	Soil/Sediment
<5%	30 - 50%	50 - 70%

The portion in water is expected to be soluble or dispersible.

BIOACCUMULATION POTENTIAL
This preparation or material is not expected to bioaccumulate.

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION
Based on our hazard characterization, the potential environmental hazard is: Moderate

If released into the environment, see CERCLA/SUPERFUND in Section 15.

13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

As a non-hazardous waste, it is not subject to federal regulation. Consult state or local regulation for any additional handling, treatment or disposal requirements. For disposal, contact a properly licensed waste treatment, storage, disposal or recycling facility.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are as follows.

LAND TRANSPORT :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

AIR TRANSPORT (ICAO/IATA) :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

MARINE TRANSPORT (IMDG/IMO) :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

15. REGULATORY INFORMATION

This section contains additional information that may have relevance to regulatory compliance. The information in this section is for reference only. It is not exhaustive, and should not be relied upon to take the place of an individualized compliance or hazard assessment. Nalco accepts no liability for the use of this information.

NATIONAL REGULATIONS, USA :

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :
Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Acrylamide : Cancer suspect agent (refer to Section 3)

CERCLA/SUPERFUND, 40 CFR 302 :
Notification of spills of this product is not required.

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313 :

SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355) :
This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370) :
Our hazard evaluation has found this product to be hazardous. The product should be reported under the following indicated EPA hazard categories:

-	Immediate (Acute) Health Hazard
X	Delayed (Chronic) Health Hazard
-	Fire Hazard
-	Sudden Release of Pressure Hazard
-	Reactive Hazard

Under SARA 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372) :
This product contains the following substance(s), (with CAS # and % range) which appear(s) on the List of Toxic Chemicals

Hazardous Substance(s)	CAS NO	% (w/w)
Acrylamide	79-06-1	0 - 0.3

TOXIC SUBSTANCES CONTROL ACT (TSCA) :
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311 :
Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

CLEAN AIR ACT, Sec. 112 (Hazardous Air Pollutants, as amended by 40 CFR 63), Sec. 602 (40 CFR 82, Class I and II Ozone Depleting Substances) :
This product contains the following substances listed in the regulation. Additional components may be unintentionally present at trace levels.

Substance(s)	Citations
• Acrylamide	Sec. 112

CALIFORNIA PROPOSITION 65 :
This product contains the following substances which require warning under California Proposition 65. Additional components may be unintentionally present at trace levels.

Substance(s)	Concentration	EFFECTS
• Acrylamide	< .3 %	Causes Cancer

MICHIGAN CRITICAL MATERIALS :
Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

STATE RIGHT TO KNOW LAWS :
The following substances are disclosed for compliance with State Right to Know Laws:

Acrylamide 79-06-1

INTERNATIONAL CHEMICAL CONTROL LAWS :

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

AUSTRALIA
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

EUROPE
The substances in this preparation have been reviewed for compliance with the EINECS or ELINCS inventories.

JAPAN
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

KOREA
All substances in this product comply with the Toxic Chemical Control Law (TCCL) and are listed on the Existing Chemicals List (ECL)

PHILIPPINES
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

16. OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

REFERENCES

Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, OH., (Ariel Insight™ CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Hazardous Substances Data Bank, National Library of Medicine, Bethesda, Maryland (TOMES CPS™ CD-ROM Version), Micromedex, Inc., Englewood, CO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, Geneva: World Health Organization, International Agency for Research on Cancer.

Integrated Risk Information System, U.S. Environmental Protection Agency, Washington, D.C. (TOMES CPS™ CD-ROM Version),
Micromedex, Inc., Englewood, CO.

Annual Report on Carcinogens, National Toxicology Program, U.S. Department of Health and Human Services, Public Health Service.

Title 29 Code of Federal Regulations, Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration (OSHA), (Ariel Insight™ CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Registry of Toxic Effects of Chemical Substances, National Institute for Occupational Safety and Health, Cincinnati, OH,
(TOMES CPS™ CD-ROM Version), Micromedex, Inc., Englewood, CO.

Ariel Insight™ (An integrated guide to industrial chemicals covered under major regulatory and advisory programs), North American Module, Western European Module, Chemical Inventories Module and the Generics Module (Ariel Insight™ CD-ROM Version), Ariel Research Corp., Bethesda, MD.

The Teratogen Information System, University of Washington, Seattle, WA (TOMES CPS™ CD-ROM Version), Micromedex, Inc., Englewood, CO.

Prepared By : Product Safety Department
Date issued : 04/20/2011
Version Number : 2.2

Safety Data Sheet
Caustic Soda 20% Liquid

Version 1.3 Revision Date: 09/18/2019

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Caustic Soda 20% Liquid

Recommended use of the chemical and restrictions on use

Recommended use : Industrial chemical

Manufacturer or supplier's details

Company : Univar Solutions USA, Inc.
Address 3075 Highland Pkwy Suite 200
Downers Grove, IL 60515
United States of America (USA)

Emergency telephone number:
Transport North America: CHEMTREC (1-800-424-9300)
CHEMTREC INTERNATIONAL Tel # 703-527-3887

Additional Information: : Responsible Party: Product Compliance Department
E-mail: SDSNA@univarsolutions.com
SDS Requests: 1-855-429-2661
Website: www.univarsolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Corrosive to metals : Category 1

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
P234 Keep only in original container.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Imme-

diately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
Storage:
P405 Store locked up.
P406 Store in corrosive resistant stainless steel container with a resistant inner liner.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical name	Weight percent
1310-73-2	Sodium hydroxide	20 - 30

Any Concentration shown as a range is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
Take victim immediately to hospital.

If swallowed : Keep respiratory tract clear.
Do not induce vomiting without medical advice.

Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Carbon dioxide (CO2) Dry chemical Water spray
Unsuitable extinguishing media	:	Halons
Specific hazards during fire-fighting	:	Do not allow run-off from fire fighting to enter drains or water courses. Substance is an oxidizer that will cause moderate increase in the burning rate of combustible materials with which it comes into contact.
Hazardous combustion products	:	No hazardous combustion products are known
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Neutralise with acid. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapours/dust. Avoid contact with skin and eyes.

For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1310-73-2	Sodium hydroxide	C	2 mg/m3	ACGIH
		C	2 mg/m3	NIOSH REL
		TWA	2 mg/m3	OSHA Z-1
		C	2 mg/m3	OSHA P0

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : colorless
Odour : odorless
Odour Threshold : No data available
pH : 14 @ 20 - 25 °C (68 - 77 °F)

Freezing Point : No data available

Boiling Point (Boiling point/boiling range)	:	100 °C (212 °F) (1013 hPa)
Flash point	:	Not applicable
Evaporation rate	:	> 1 Ethyl Ether
Flammability (solid, gas)	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	> 17.0 mmHg @ 20 °C (68 °F)
Relative vapour density	:	< 1(Air = 1.0)
Relative density	:	1.223 @ 20 °C (68 °F)
Density	:	1.223 g/cm3 @ 20 °C (68 °F)
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Thermal decomposition	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Can react with chemically reactive metals, such as aluminum, zinc, magnesium, copper, etc., to release hydrogen gas which can form explosive mixtures with air. Caustic may react with various reducing sugars (i.e. fructose, galactose, maltose, dry whey solids) to generate carbon monoxide. Hazardous carbon monoxide gas can form upon contact with food and beverage products in enclosed vessels and can cause death. Precautions should be taken including monitoring the tank atmosphere for carbon monoxide to ensure safety of personnel.
Conditions to avoid	:	Keep away from heat, flame, sparks and other ignition sources. Exposure to sunlight. Exposure to moisture
Incompatible materials	:	Organic materials Strong acids Strong oxidizing agents aluminum brass bronze Copper alloys

		glycols halogenated hydrocarbons Lead magnesium nitroparaffins organic nitro compounds Reducing agents Tin water Zinc Metals
Hazardous decomposition products	:	None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg

Skin corrosion/irritation

Product:

Result: Causes severe burns.

Components:

1310-73-2:
Species: Rabbit
Result: Causes severe burns.

Serious eye damage/eye irritation

Product:

Result: Risk of serious damage to eyes.

Components:

1310-73-2:
Species: Rabbit
Result: Risk of serious damage to eyes.

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information	:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-909-4897

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

DOT (Department of Transportation):
UN1824, Sodium hydroxide solution, 8, II

IATA (International Air Transport Association):
UN1824, Sodium hydroxide solution, 8, II

IMDG (International Maritime Dangerous Goods):
UN1824, SODIUM HYDROXIDE SOLUTION, 8, II

SECTION 15. REGULATORY INFORMATION

WHMIS Classification : E: Corrosive Material

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	4854

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:
1310-73-2 Sodium hydroxide
The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:
1310-73-2 Sodium hydroxide
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

1310-73-2	Sodium hydroxide	20 - 30 %

Pennsylvania Right To Know

7732-18-5	Water	50 - 70 %
1310-73-2	Sodium hydroxide	20 - 30 %

New Jersey Right To Know

7732-18-5	Water	50 - 70 %
1310-73-2	Sodium hydroxide	20 - 30 %

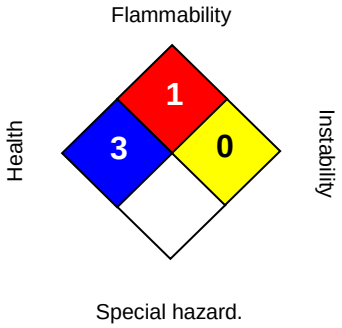
California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA	:	On TSCA Inventory
DSL	:	All components of this product are on the Canadian DSL
AICS	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory
ENCS	:	Not in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory

SECTION16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 =Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (1-855-429-2661) SDSNA@univarsolutions.com.

Revision Date : 09/18/2019

Legacy SDS: : R0015852

Material number:
16133683, 542058, 69095, 86948, 70679, 87290, 21980

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit

EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALMET® 1689

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALMET® 1689
Other means of identification	:	Not applicable.
Recommended use	:	WATER CLARIFICATION AID
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	05/22/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation	:	Category 2B

GHS Label element

Signal Word	:	Warning
Hazard Statements	:	Causes eye irritation.
Precautionary Statements	:	**Prevention:** Wash skin thoroughly after handling. **Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture	:	Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Chloride	7647-14-5	1 - 5
Sodium Sulphide	1313-82-2	1 - 5
Sodium Hydroxide	1310-73-2	0.1 - 1

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.

In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Sulphur oxides Hydrogen chloride metal oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	Brass, coated steelnot determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	brown
Odour	:	Sulfurous
Flash point	:	, Method: ASTM D 93, Pensky-Martens closed cup, does not flash
pH	:	13.1,(100 %)
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	no data available

Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.10 - 1.35, (25 °C),
Density	:	9.2 - 11.2 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, 0 g/l, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	May release SO2 or hydrogen sulfide on contact with acids.
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides metal oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes eye irritation.

Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Irritation
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	:	Result: No skin irritation Test substance: Similar Product
Serious eye damage/eye irritation	:	Result: Irritation to eyes, reversing within 7 days Test substance: Similar Product
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Oncorhynchus mykiss (rainbow trout): 74 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Cyprinodon variegatus (sheepshead minnow): > 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Oncorhynchus mykiss (rainbow trout): < 40 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Cyprinodon variegatus (sheepshead minnow): 400 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 432 mg/l
Exposure time: 96 h
Test substance: Product

LC50 Pimephales promelas (fathead minnow): 602 mg/l
Exposure time: 96 h
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna (Water flea): 73 mg/l
Exposure time: 48 hrs
Test substance: Product

EC50 Daphnia magna (Water flea): 18 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Daphnia magna (Water flea): 5 mg/l
Exposure time: 48 hrs
Test substance: Product

Toxicity to fish (Chronic toxicity) : ChV: 85.6 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

LOEC: 121 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

NOEC: 60.5 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

EC25 / IC25: 27.2 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

Chronic Toxicity Value: 10.7 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

LOEC: 15.1 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

NOEC: 7.56 mg/l
Exposure time: 7 d
Species: Fathead Minnow
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Chronic Toxicity Value: > 4.84 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

LOEC: > 4.84 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

NOEC: 4.84 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

EC25 / IC25: 2.75 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

Chronic Toxicity Value: 3.42 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

LOEC: 4.84 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

NOEC: 2.42 mg/l
Exposure time: 7 d
Species: Ceriodaphnia dubia
Test substance: Product

Persistence and degradability

The organic portion of this preparation is expected to be poorly biodegradable.

Chemical Oxygen Demand (COD): 420,000 mg/l

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	> 90%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

The information presented only applies to the material as supplied. The classification or waste code may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated at the time of disposal to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	CAUSTIC ALKALI LIQUID, N.O.S.
Technical name(s)	:	Sodium Sulphide, Sodium Hydroxide
UN/ID No.	:	UN 1719
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per	:	200,000 lbs

package)
RQ Component : SODIUM HYDROXIDE

Air transport (IATA)

Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S.
Technical name(s) : Sodium Sulphide, Sodium Hydroxide
UN/ID No. : UN 1719
Transport hazard class(es) : 8
Packing group : III
Reportable Quantity (per package) : 200,000 lbs
RQ Component : SODIUM HYDROXIDE

Sea transport (IMDG/IMO)

Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S.
Technical name(s) : Sodium Sulphide, Sodium Hydroxide
UN/ID No. : UN 1719
Transport hazard class(es) : 8
Packing group : III

Section: 15. REGULATORY INFORMATION

TSCA list : Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Hydroxide	1310-73-2	1000	200000

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Canadian Domestic Substances List (DSL)
This product contains substance(s) which are not listed on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

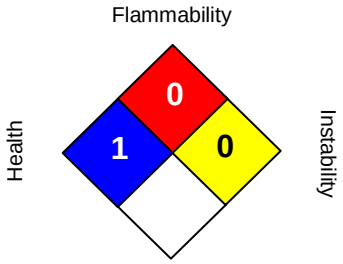
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 05/22/2018
Version Number : 1.10
Prepared By : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

Univar USA Inc Material Safety Data Sheet

MSDS No:	CDS1660
Version No:	008 2014-06-19
Order No:	

Univar USA Inc., 17425 NE Union Hill Rd., Redmond WA 98052
(425) 889 3400

Emergency Assistance

For emergency assistance involving chemicals call
Chemtrec - (800) 424-9300

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System.
THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this SDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%
SDS NUMBER: CDS-1660
COMPANY IDENTITY: Univar
COMPANY ADDRESS: 17425 NE Union Hill Road
COMPANY CITY: Redmond, WA 98052
COMPANY PHONE: 1-425-889-3400
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (CANADA)



SECTION 2. HAZARDS IDENTIFICATION

DANGER!!

HAZARD STATEMENTS:
H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

H220	Harmful if inhaled.
H240+242	Heating may cause an explosion or fire.
H271	May cause fire or explosion; Strong Oxidizer.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:
P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P210	Keep away from heat/sparks/open flames/hot surfaces.
P220	Keep/Store away from clothing and combustible materials.
P234	Keep only in original container.
P264	Wash skin thoroughly after handling.
P270	Do no eat, drink, or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+312 P330	IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell, Rinse mouth.
P370+378	In case of fire: Use water spray for extinction.
P370+380+375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P403+235	Store in a well-ventilated place. Keep cool.
P411	Store at temperatures not exceeding 40 C / 104 F.
P420	Store away from other materials.
P501	Dispose of contents/container to appropriate waste site or reclaimer in accordance with local and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Water	7732-18-5	231-791-2	60-80
Hydrogen Peroxide	7722-84-1	231-765-0	20-40

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SECTION 4. FIRST AID MEASURES

GENERAL ADVICE:
First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

EYE CONTACT:
If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention.

SKIN CONTACT:
If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.

INHALATION:
After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention.

SWALLOWING:
If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

NOTES TO PHYSICIAN:
There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of label and SDS to physician or health professional with victim.

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES
Isolate from other materials. Isolate from heat, sparks, electrical equipment and open flame.

EXTINGUISHING MEDIA
Use water spray, or water fog extinguishing media.

SPECIAL FIRE FIGHTING PROCEDURES
Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear.
(Helmet with face shield, bunker coats, gloves & rubber boots).
Use NIOSH approved positive-pressure self-contained breathing apparatus.

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SECTION 5. FIRE FIGHTING MEASURES (CONTINUED)

UNUSUAL EXPLOSION AND FIRE PROCEDURES

STRONG OXIDIZER!

Isolate from other materials, heat, sparks, electrical equipment & open flame.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

PERSONAL PROTECTIVE EQUIPMENT

The proper personal protective equipment for incidental releases (such as: 1 Liter of the product released in a well-ventilated area), use impermeable gloves (triple-gloves (rubber gloves and nitrile gloves, over latex gloves), goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, specific for the material handled, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with latest OSHA and/or ANSI recommendations.

ENVIRONMENTAL PRECAUTIONS:

Stop spill at source. Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate emergency assistance.

CONTAINMENT AND CLEAN-UP MEASURES:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

SECTION 7. HANDLING AND STORAGE

HANDLING

Use only with adequate ventilation. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse.

STORAGE

Isolate from other materials, heat, sparks, electrical equipment & open flame.
Do not store above 49 C/120 F.
Keep container tightly closed & upright when not in use to prevent leakage.

NONBULK: CONTAINERS:

Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Material should be stored in secondary containers or in a diked area, as appropriate. Store containers away from incompatible chemicals (see Section 10, Stability and Reactivity). Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Empty containers should be handled with care. Never store food, feed, or drinking water in containers which held this product.

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SECTION 7. HANDLING AND STORAGE (CONTINUED)

BULK CONTAINERS:
All tanks and pipelines which contain this material must be labeled. Perform routine maintenance on tanks or pipelines which contain this product. Report all leaks immediately to the proper personnel.

TANK CAR SHIPMENTS:
Tank cars carrying this product should be loaded and unloaded in strict accordance with tank-car manufacturer's recommendation and all established on-site safety procedures. Appropriate personal protective equipment must be used (see Section 8, Engineering Controls and Personal Protective Equipment.). All loading and unloading equipment must be inspected, prior to each use. Loading and unloading operations must be attended, at all times. Tank cars must be level, brakes must be set or wheels must be locked or blocked prior to loading or unloading. Tank car (for loading) or storage tanks (for unloading) must be verified to be correct for receiving this product and be properly prepared, prior to starting the transfer operations. Hoses must be verified to be in the correct positions, before starting transfer operations. A sample (if required) must be taken and verified (if required) prior to starting transfer operations. All lines must be blown-down and purged before disconnecting them from the tank car or vessel.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:
Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Always use this product in areas where adequate ventilation is provided. Collect all rinsates and dispose of according to applicable Federal, State, Provincial, or local procedures.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Water	7732-18-5	231-791-2	None Known	None Known
Hydrogen Peroxide	7722-84-1	231-765-0	1 ppm	1 ppm

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

RESPIRATORY EXPOSURE CONTROLS
Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations. If adequate ventilation is not available or there is potential for airborne exposure above the exposure limits, a respirator may be worn up to the respirator exposure limitations, check with respirator equipment manufacturer's recommendations/limitations. For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS
Positive pressure, full-face piece Self-Contained Breathing Apparatus; or positive pressure, full-face piece Self-Contained Breathing Apparatus with an auxilliary positive pressure Self-Contained Breathing Apparatus.

VENTILATION
LOCAL EXHAUST: Necessary
MECHANICAL (GENERAL): Necessary
SPECIAL: None
OTHER: None
Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

EYE PROTECTION:
Splash goggles or safety glasses. Face-shields are recommended when the operation can generate splashes, sprays or mists.

HAND PROTECTION:
Wear appropriate impervious gloves for routine industrial use. Use impervious gloves for spill response, as stated in Section 6 of this SDS (Accidental Release Measures).

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 09/26/2013
REPLACES: 09/08/2010

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

BODY PROTECTION:
Use body protection appropriate for task. Cover-all, rubber aprons, or chemical protective clothing made from impervious materials are generally acceptable, depending on the task.

WORK & HYGIENIC PRACTICES:
Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Liquid, Water-White
ODOR:	None
ODOR THRESHOLD:	Not Available
pH (Neutrality):	< 3.7
MELTING POINT/FREEZING POINT:	-15 to -33 C / +6 to -27 F
BOILING RANGE (IBP,50%,Dry Point):	100 108 176 C / 212 227 350 F
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-BUTYL ACETATE=1):	0.094
FLAMMABILITY CLASSIFICATION:	Non-Combustible
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
VAPOR PRESSURE (mm of Hg)@20 C	23 - 28
VAPOR DENSITY (air=1):	0.772
GRAVITY @ 68/68 F / 20/20 C:	
SPECIFIC GRAVITY (Water=1):	1.33
POUNDS/GALLON:	9.45
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Applicable
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC)*:	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt% /0.0 g/L / 0.000 Lbs/Gal
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0

* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

STABILITY
Stable under normal conditions.

CONDITIONS TO AVOID
Excessive heat or contamination could cause the product to become unstable.

MATERIALS TO AVOID
Dirt, Cyanides, Reducing agents, wood, paper, other organics and combustibles, iron and other heavy metals, copper alloys and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS
Oxygen (which supports combustion).

HAZARDOUS POLYMERIZATION
Will not occur.

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:
Primary irritation to skin, defatting, dermatitis.
Liquid is extremely irritating/corrosive to eyes, and may cause irreversible damage including blindness.
Wash thoroughly after handling.

INHALATION:
Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SWALLOWING:
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED
Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:
This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

EMBRYOTOXICITY: This product is not reported to produce embryotoxic effects in humans.

TERATOGENICITY: This product is not reported to produce teratogenic effects in humans.

REPRODUCTIVE TOXICITY: This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

MAMMALIAN TOXICITY INFORMATION

LD50 (Oral):	1193 mg/kg (Rats)
LC50 (Inhalation):	> 0.17 mg/L (Rats)
LD50 (Skin):	> 2000 mg/kg (Rabbits)

COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EFFECT OF MATERIAL ON PLANTS AND ANIMALS:
This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

EFFECT OF MATERIAL ON AQUATIC LIFE:
No aquatic environmental information is available on this product.

MOBILITY IN SOIL
This material is a mobile liquid.

DEGRADABILITY
This product is completely biodegradable.

ACCUMULATION
This product does not accumulate or biomagnify in the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal.
ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. EPA CHARACTERISTIC: D001, D002

SECTION 14. TRANSPORT INFORMATION

DOT/TDG SHIP NAME: UN2014, Hydrogen peroxide, aqueous solutions, 5.1, (8), PG-II
DRUM LABEL: Oxidizer, Corrosive
IATA / ICAO: UN2014, Hydrogen peroxide, aqueous solutions, 5.1, (8), PG-II
IMO / IMDG: UN2014, Hydrogen peroxide, aqueous solutions, 5.1, (8), PG-II
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 140

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:
SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list.
This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.



COMPANY IDENTITY: Univar
PRODUCT IDENTITY: HYDROGEN PEROXIDE 20-40%

SDS DATE: 06/19/2014
REPLACES: 09/26/2013

SECTION 15. REGULATORY INFORMATION (CONTINUED)

STATE REGULATIONS:
CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):
This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

INTERNATIONAL REGULATIONS
The components of this product are listed on the chemical inventories of the following countries:
Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS)G
Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC),
Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)
C: Oxidizing Material.
D2B: Irritating to skin / eyes.
E: Corrosive Material.

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:
HEALTH (NFPA): 3, HEALTH (HMIS): 3, FLAMMABILITY: 0, PHYSICAL HAZARD: 1
(Personal Protection Rating to be supplied by user based on use conditions.)
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING
See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

Univar USA Inc Material Safety Data Sheet

For Additional Information contact MSDS Coordinator during business hours, Pacific time: (425) 889-3400

Notice

Univar USA Inc. (”Univar”) expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis. These can be obtained from your local Univar sales office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Univar makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Univar's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process

UNITED LABORATORIES

United 556

ZYME-TREAT

WWT Super Concentrate Enzyme-Based Grease Pre-Digester

Patented

KEEP OUT OF REACH OF CHILDREN.

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUCION AL USARIO:
Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted antes de uso.

UNITED LABORATORIES, INC.
320 37th Avenue • St. Charles, IL 60174
1-800-323-2594 • www.unitedlabsinc.com

- Excellent for grease, scum, oil and coal dust removal.
- Safe for plant and process...will not harm bacterial process in plant.
- No material safety handling problems.
- Easy to apply...use high pressure washer or steam jenny.

GREASE OR OIL IN AERATION TANKS: Treated with **ZYME-TREAT** to aid settling. Approximate dilution rate of 20,000 - 40,000:1. Check for proper dilution rate by doing a sludge settling test using **ZYME-TREAT** mixed 10:1.

DIGESTER CLEANING: Use a pressure washer and **United 556** at a 30:1 - 40:1 dilution rate. **ZYME-TREAT** will even help degrease the two feet of sludge in the bottom of the digester that won't rewater.

SCUM LAYERS IN DIGESTER: Can be controlled using **ZYME-TREAT** addition. Please check with your United Representative for details.

SAND OR MIXED-MEDIA TERTIARY FILTER: Can be cleaned of oil, grease, algae and scum with the use of **United 556** from 75:1-125:1 for filters containing anthracite to 150:1-300:1 for filters containing only sand. This use rate applies to the net volume of water after subtracting the volume of the media in the filter. The media volume can often be found on the design prints in the plant. Contact your United Representative for further information, or check Operations Forum, Jan. 1990, "Taking the Bite Out of Filter Buildup."

CLARIFIER AND AERATION TANK WALLS: Can be successfully cleaned with a high pressure washer using **United 556** at 30:1 - 40:1 dilution. Reactor walls rinse clean. Since **United 556** has flocculating properties, the septic sludge in the bottom of the reactor will flow down the drain with greater ease.

ALGAE: Can be removed from reactor walls without residue, using a bucket and natural bristle brush with **ZYME-TREAT** at a 10:1 dilution, or one may lower the level in the clarifier and use a high pressure washer with **United 556** at 30:1 dilution. Because of the flocculant properties of **United 556**, most of the algae will sink instead of floating, thus reducing the suspended solids that usually result from algae cleanup.

TRICKLING FILTERS: May be cleaned of ponding due to slime and grease, using 5-7 gallons (18-25 litres) of **United 556** in a 90 foot trickling filter. Add the **ZYME-TREAT** to the center well with a detention time of about 20 minutes. Let the filter circulate. Once the ponding has been reduced, allow the material to pass through the process. There will be no harm to the bacteria on the filter. The enzymes actually enhance the biological processes.

SEPTIC FIELD SYSTEMS: If the drain field is clogged with grease, use **United 556 ZYME-TREAT** 6 gallons (approximately 25 litres) per each splitter box.

FERRIC AND FERROUS SULFATE SPILLS AND STAINS: May be cleaned with **ZYME-TREAT** at 10:1 dilution with a bucket and natural bristle brush, or with a high pressure washer using **United 556** at a 30:1 dilution. Lines and feed equipment may be cleaned using **United 556** at a 10:1 dilution. Very old stains will be lightened, but new spills (under 3 months) can almost always be removed.

FERRIC AND FERROUS CHLORIDE SPILLS AND STAINS: (Refer to the handling of ferric and ferrous sulfate.)

BELT FILTER PRESSES, VACUUM FILTERS, AND PLATE AND FRAME PRESSES: May be cleaned with **ZYME-TREAT** in a pressure washer with **United 556** at a 30:1 dilution, if using ferric or ferrous chloride, or ferric and ferrous sulfate as the coagulant. The **ZYME-TREAT** breaks the ferric or ferrous deposits from the filter media.

For applications on the wastewater process side, please contact our technical services group for assistance.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with plenty of water for at least 15 minutes and seek medical attention.

SKIN: Wash with soap and plenty of water. If symptoms develop, seek medical attention.

IF INHALED: Remove patient to fresh air. If symptoms develop, seek medical attention.

IF SWALLOWED: DO NOT induce vomiting. Get medical attention immediately.

An MSDS for this product is available through United's website, www.unitedlabsinc.com, providing 24 hour access. Please read the MSDS carefully and follow all directions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

United 556 is on the U.S. Environmental Protection Agency's NCP Product Schedule. This listing does NOT mean that the EPA approves, recommends, licenses, certifies, or authorizes the use of **United 556** on an oil discharge. The listing means only that data have been submitted to EPA as required by subpart J of the National Contingency Plan, 300.915. (Source 40 CFR section 300.920 (e))

HMIS® III CODE: 0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE **PERSONAL PROTECTION INDEX:** Glasses	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B

Printed in U.S.A. 908

Safety Data Sheet

Issue Date 21-Jan-2015 **Revision Date:** 24-Feb-2015 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name United 556 ZYME-TREAT

Other means of identification

SDS # UNITED-556

Recommended use of the chemical and restrictions on use

Recommended Use WWT Super Concentrate Enzyme-Based Grease Pre-Digester.

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Appearance Light green liquid **Physical State** Liquid **Odor** Light Cimarron (cinnamon-like)

Unknown Acute Toxicity

10.5% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop, seek medical attention.

Skin Contact Wash with soap and water. Get medical attention if irritation occurs.

Inhalation Remove to fresh air. Get medical attention if symptoms occur. If not breathing, give artificial respiration.

Ingestion Do not induce vomiting. Rinse mouth. Drink plenty of water. Seek medical attention immediately.

Most important symptoms and effects

Symptoms May cause skin and eye irritation. When heated, mists of this product may irritate nasal passages. Ingestion of large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Foam. Carbon dioxide (CO2). Water.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

Hazardous Combustion Products Carbon oxides. Nitrogen oxides (NOx).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Spills may be slippery.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up This product is biodegradable. Flush to sewage drain. Rinse area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store away from heat and incompatible materials. Keep from freezing.

Incompatible Materials Oxidizers such as bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s).

Appropriate engineering controls

Engineering Controls Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses are recommended.

Skin and Body Protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use.

Respiratory Protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Light green liquid	**Odor**	Light Cimarron (cinnamon-like)
Color	Light green	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	7-8	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	None	Tag Closed Cup
Evaporation Rate	1	(Water = 1)
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	17.5 mm Hg	
Vapor Density	Not determined	
Specific Gravity	0.990	(1=Water)
Water Solubility	Soluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	

Property	**Values**	**Remarks • Method**
Dynamic Viscosity	Not determined	

Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	None

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Oxidizers such as bleach.

Hazardous Decomposition Products
When strongly heated, as in a fire, this product may produce oxides of nitrogen and carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Not determined

Unknown Acute Toxicity 10.5% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not determined

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
IATA	Not regulated
IMDG	Not determined

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 311/312 Hazard Categories
This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370).

SARA 313
None

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X		X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	0	0	0	B

Issue Date 21-Jan-2015
Revision Date: 24-Feb-2015
Revision Note New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

INTEGRATED CONTINGENCY PLAN (ICP)
&
SPILL PREVENTION RESPONSE (SPR) PLAN

HARRISON POWER STATION
STATE ROUTE 20
HAYWOOD, WV 26366

Plan Updates: **January 25, 2021**
February 28, 2018
June 2, 2015
November 30, 2015

Prepared for:
FirstEnergy
Environmental Remediation and Governance Group
800 Cabin Hill Drive
Greensburg, PA 15601-1689

HARRISON POWER STATION ICP

Section I – Plan Introduction Elements

1.0 Purpose and Scope of Plan Coverage

1.1 The Integrated Contingency Plan (ICP) is a product of the concerted efforts of the Harrison Power Station and various teams within FirstEnergy including Environment, Safety and Generation.

The ICP consolidates the various environmental response plans required by federal, state, and local regulations into one all-encompassing plan. The purpose of this plan is to prevent spills (releases) to navigable waters, minimize environmental impact, and provide emergency response for controlling a spill (release) should it occur.

The development of this plan is based on the June 5, 1996 Federal Register, The National Response Team's Integrated Contingency Plan Guidance, Pennsylvania Department of Environmental Resources' publication entitled Guidelines for the Development and Implementation of Environmental Emergency Response Plans; the U. S. Environmental Protection Agency's (EPA) Spill Prevention, Control, and Countermeasures Regulation (SPCC); and the USEPA's Oil Pollution Prevention Regulations. It is in accordance with:

- 25 Pa. Code, Chs. 245 and 260-270;
- 35 P.S. § 6021.902
- MD Title 26 Subtitle 10 Chapter 1 Subtitle .01
- 40 CFR 9;
- 40 CFR 112;
- 40 CFR 264, Subparts C and D;
- 40 CFR 265, Subparts C and D.

Likewise, it incorporates references made by:

- 25 Pa. Code, Ch. 101;
- 40 CFR 151; 40 CFR 125, Subpart K;
- 40 CFR 112.3;
- The Federal Water Pollution Control Act, Sections 311 (b) (3) and 311(j);
- The Comprehensive Environmental Response, Compensation and Liability Act's (1980, CERCLA) Superfund Amendments and Reauthorization Act's (1986, SARA) Title III.

HARRISON POWER STATION ICP

Section I – Plan Introduction Elements

1.0 Purpose and Scope of Plan Coverage

1.2 The intent of this ICP Plan is to:

- Identify the materials and wastes at the station that may cause environmental degradation or public health hazards,
- Identify potential spill and accident sources,
- Identify containment and handling procedures for these materials,
- Identify emergency response procedures, and
- Identify any secondary support services and/or operating procedures that contribute to spill prevention practices and remedial actions.
- Have one document to comply with State and Federal laws and regulations dealing with environmental emergency planning, response, pollution prevention, and contingency planning.
- Integrate the Preparedness, Prevention, Contingency (PPC), SPCC, Best Management Practices (BMP's), as well as other environmental contingency plans into one document.

HARRISON POWER STATION ICP

Section I – Plan Introduction Elements

2.0 ICP Outline (Table of Contents)

Section I - Plan Introduction Elements

1. Purpose and Scope of Plan Coverage I.1
2. Table of Contents I.2
3. Current Revision Date I.3
4. General Facility Identification Information I.4
   - a. Facility name
   - b. Owner/operator/agent (include physical and mailing address and phone number)
   - c. Physical address of the facility (include county/parish/borough, latitude/ longitude, and directions)
   - d. Mailing address of the facility (correspondence contact)
   - e. Other identifying information (e.g., ID numbers, SIC Code, oil storage start-up date)
   - f. Key contact(s) for plan development and maintenance
   - g. Phone number for key contact(s)
   - h. Facility phone number
   - i. Facility fax number

Section II - Core Plan Elements

1. Discover EERG

2. Initial Response EERG
   - a. Procedures for internal and external notifications (i.e., contact, organization name, phone number of facility emergency response coordinator, facility response team personnel, federal, state, and local officials)
   - b. Establishment of a response management system
   - c. Procedures for preliminary assessment of the situation, including an identification of incident type, hazards involved, magnitude of the problem, and resources threatened
   - d. Procedures for establishment of objectives and priorities for response to the specific incident, including:
     - (1) Immediate goals/tactical planning (e.g., protection of workers and public as priorities)
     - (2) Mitigating actions (e.g., discharge/ release control, containment, and recovery, as appropriate)
     - (3) Identification of resources required for response
   - e. Procedures for implementation of tactical plan
   - f. Procedure for mobilization of resources

3 Sustained Actions EERG

4. Termination and Follow-Up Actions EERG

Section III - Annexes

Section I – Plan Introduction Elements

2.0 ICP Outline (Table of Contents)

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a. Facility maps
b. Facility drawings
c. Facility description/layout, including identification of facility hazards and vulnerable resources and populations on and off the facility which may be impacted by an incident
d. WV AST Information

Annex 2 – Notification III-2
a. Internal notifications
b. Community notifications
c. Federal and state agency notifications

Annex 3 - Response Management System III-3
a. General
b. Command
(1) List facility Incident Commander and Qualified Individual (if applicable) by name and/or title and provide information on their authorities and duties
(2) Information (i.e., internal and external communications)
(3) Safety
(4) Liaison-Staff mobilization
c. Operations
(1) Operational response objectives
(2) Discharge or release control
(3) Assessment/monitoring
(4) Containment
(5) Recovery
(6) Decontamination
(7) Non-responder medical needs including information on ambulances and hospitals
(8) Salvage plans
d. Planning
(1) Hazard assessment, including facility hazards identification, vulnerability analysis, prioritization of potential risks
(2) Protection
(3) Coordination with natural resource trustees
(4) Waste management
e. Logistics
(1) Medical needs of responders
(2) Site security
(3) Communications (internal and external resources)
(4) Transportation (air, land, water)
(5) Personnel support (e.g., meals, housing, equipment)
(6) Equipment maintenance and support

Section I – Plan Introduction Elements

2.0 ICP Outline (Table of Contents)

f. Finance/Procurement/Administration
(1) Resource list
(2) Personnel management
(3) Response equipment
(4) Support equipment
(5) Contracting
(6) Claims procedures
(7) Cost documentation

Annex 4 - Incident Documentation III-4
a. Post accident investigation
b. Incident history

Annex 5 - Training and Exercises/Drills III-5

Annex 6 - Response Critique and Plan Review and Modification Process III-6

Annex 7 – Prevention III-7

Annex 8 - Regulatory Compliance and Cross Reference Matrices III-8

Annex 9 - Applicability of Substantial Harm Criteria III-9

Annex 10 - SPCC Elements and Cross Reference III-10

Annex 11 - NPDES Discharge Monitoring Requirements and Groundwater Requirements III-11

Annex 12 - SARA Section 311 and 312 Reporting III-12

Annex 13 - List of Hazardous & Extremely Hazardous Substances (EHS) III-13

Annex 14 - EPA Determination of EPA Worst Case Discharge Volume III-14

Annex 15 - List of Acronyms III-15

Annex 16 - Definitions III-16

Annex 17 - Guideline for Managing Spills Involving Polychlorinated Biphenyls (PCB's) And Handling & Disposal of Fluids, Devices and Materials containing PCB's III-17

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Section I – Plan Introduction Elements

2.0 ICP Outline (Table of Contents)

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Annex 21 - Training Logs III-21

Annex 22 - Inspection Logs III-22

Annex 23 - Evacuation Procedure III-23

Section I – Plan Introduction Elements

3.0 Current Revision

Integrated Contingency Plan (ICP)

The Integrated Contingency Plan (ICP) consolidates the various environmental response plans required by federal, state, and local regulations into one all-encompassing plan. The purpose of this plan is to prevent spills (releases) to navigable waters, minimize environmental impact, and provide emergency response for controlling a spill (release) should it occur. An Environmental Emergency Response Guideline (EERG) is found in this binder as a separate, condensed version of this Plan. The EERG is tabbed for quick reference during an actual emergency or oil spill so that response actions are not delayed. It provides instructions for initial response and notification of appropriate personnel and agencies.

The current revision date for this ICP is: January, 2021

A complete plan update history is found in Section III Annex 6 of this ICP.

This ICP is maintained in several locations at the facility (Control Room, Regional Director's Office, Tech Services, & Environmental Scientist office) as well as the Environmental Performance corporate location.

HARRISON POWER STATION ICP

Section I – Plan Introduction Elements

4.0 General Facility Identification Information

Operator of Facility: Monongahela Power Company

Owner of Facility: Monongahela Power Company

Facility Name: Harrison Power Station

Facility Address: P.O. Box 60, State Route 20
(Street address or route)

Haywood	West Virginia	Harrison	26366
City	State	County	Zip Code

Facility Phone No.: (304) 584-2200

Facility Fax No.: (304) 584-2228

Latitude (Degrees:North): 39 Degrees 23 Minutes 14 Seconds

Longitude (Degrees:West): 80 Degrees 19 Minutes 57 Seconds

Dun & Bradstreet Number:[1] 095324059

Directions:

From Fairmont, WV take Interstate 79 South to Saltwell Road Exit (Route 73). Take Route 73 West ½ mile to Saltwell Road. Take Saltwell Road 5 miles to Route 19 (Shinnston). Follow Route 19 South 2 miles then turn right onto Rt. 20. Go one mile and Power Station is on the right.

Largest Aboveground Outdoor Bulk Oil Storage Container (Gallons): 12,000
Largest Aboveground Outdoor Oil Filled Ancillary Equipment (Gallons): 29,900

Number of Aboveground Bulk Oil Storage Containers: ~ 7 Outdoor 9 Indoor

Number of Aboveground Oil Filled Ancillary Equipment: ~ 29 Outdoor 126 Indoor
(transformers, rectifiers, oil reservoirs, etc.)

North American Industrial Classification System (NAISC) Code:[1] 221112

Total Maximum Aboveground Oil Storage Capacity (Gallons): ~304,095

[1]These numbers may be obtained from public library resources.

HARRISON POWER STATION ICP

Section I – Plan Introduction Elements

4.0 General Facility Identification Information

(Including transformers, lubrication systems, and other ancillary equipment)

Worst Case Oil Discharge Amount (Gallons): 29,900

Facility Distance to Navigable Water. Mark the appropriate line:

0-1/4 mile X

General Description

The Harrison Power Station is a coal fueled steam electric power generating facility located on the south bank of the West Fork River in Haywood, Harrison County, West Virginia. Refer to Table of Contents for engineering drawings and maps for the location of the site, property boundaries, and siting detail. The primary waste products are fly ash, bottom ash, scrubber sludge and certain wastewater discharges.

- Director - Gary J Dinzeo
- Unit manufacturer - Westinghouse
- Unit service dates - Unit 1 (640 MW) - 1972
  Unit 2 (640 MW) - 1973
  Unit 3 (640 MW) - 1974
- Air quality control equipment
  - Unit 1 Electrostatic precipitator with 99.5% design rating
  - Unit 2 Electrostatic precipitator with 99.5% design rating
  - Unit 3 Electrostatic precipitator with 99.5% design rating
  - Two – 1,000 foot stacks
  - Flue gas desulfurization scrubber system
  - Combined-three chimney 1,000 foot stack
  - Selective Catalytic Reduction (SCR) System
- Water quality control equipment
  - Two cooling towers and offsite reservoir
  - Various wastewater treatment equipment
  - Coal pile runoff control

HARRISON POWER STATION

Environmental Emergency Response Guidelines

In the Event of an Emergency:

REMOVE **THE SEPARATELY BOUND (BLUE COVER) ENVIRONMENTAL EMERGENCY RESPONSE GUIDELINES FOR USE.**

January 2021

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

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HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 1 - Emergency Response Coordinator Information

Emergency Response Coordinator:

Name: Gary J. Dinzeo

Position: Harrison Power Station Director

Address: PO Box 600, Route 20, Haywood, WV 26366

Emergency Phone Number: (304) 584-2233

The Director is appointed as the facility's "Emergency Response Coordinator" and is designated as the "qualified individual" with full authority to:

(1) Activate and engage in contracting with oil and hazardous material spill removal organization(s);
(2) Act as a liaison with the predesignated Federal On-Scene Coordinator (OSC); and
(3) Obligate funds required to carry out all necessary or directed response activities.

In the Director's absence the following persons can be designated as the “Alternate Emergency Response Coordinator”: Manager, Technical Services, or Manager, Operations and Manager Maintenance.

In the event of an actual emergency, this plan establishes a direction for remedial actions and instructions for agency contact, procedures, and chain of command.

The chain of command at this facility begins with the Director. Responsibility for all station business is that of the Director. On the corporate level, the Director reports to the Vice President, East Fleet Operations. If an environmental incident occurs, a respective manager in the Environmental Department is contacted; and if a safety issue is raised the Director, Generation Safety and Human Resources or Manager is contacted.

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 2 – Emergency Notification Phone List

Agency, Company, and Emergency Response Contacts:

	Organization	Phone Number
1.	National Response Center (NRC)	(800) 424-8802
2.	Facility Response Coordinator Director (Interim) – Gary J. Dinzeo Cell Phone:	 (304) 584-2233 (724) 787-6977
3.	Alternate Facility Coordinators	
	Manager, Technical Services – Edward L Murphy Cell Phone:	(304) 584-2210 (304) 904-8809
	Manager, Maintenance – Luke Sandolfini Cell Phone:	(304) 584-2478 (724) 953-6490
	Manager, Operations – Mike Staff Cell Phone:	(304) 584-2446 (440) 413-0017
4.	On-Scene Coordinator (OSC) Emergency Response Contractor EnviroServe Emergency Response (Answers 24 hours)	 1 (800) 488-0910
5.	WV Division of Environmental Protection	(800) 642-3074
6.	Local Fire Department	9-1-1 (304) 623-6559
7.	WV Office of Emergency Services (SERC)(OES)	(304) 558-5380
8.	State Police: Fairmont WV	9-1-1 (304) 367-2701
9.	Local Emergency Planning Committee (LEPC): (Harrison County)	(304) 623-6559
10.	Downstream Intakes: (water intakes for 20 miles downstream of station are listed on the next page)	

Section 2 – Emergency Notification Phone List

11. Weather Report: (304) 363-1212
National Oceanic & Atmospheric Administration 1-(800) 242-0510
(Pittsburgh, PA)

12. Local Television\Radio Station
for Evacuation Notification:

WBOY Channel 12 - Clarksburg, WV	(304) 623-3311
WDTV Channel 5 – Clarksburg, WV	(304) 623-5555
WDTV Radio FM 98 – Fairmont, WV	(304) 366-9880

13. Hospital:

Fairmont General Hospital	(304) 367-7100
Fairmont General Hospital (Emergency Room)	(304) 367-7456
United Hospital Center – Bridgeport	(681) 342-1000

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 2 – Emergency Notification Phone List

WEST FORK RIVER MILE PT. 19
DOWNSTREAM WATER INTAKE LIST

Most mile points and water intakes listed below are provided by U.S. Army Corps of Engineers' Navigation Charts and the West Virginia Department of Health and Human Resources Environmental Engineering Division. The L and R denote left or right bank with respect to the downstream flow of the River.

There are no known water intakes on the West Fork River downstream of the Harrison Power Station. The West Fork River joins the Tygart Valley River to form the Monongahela River at Mile Pt. 128.7.

USER	ADDRESS	Notes
Mile Point – 19 West River Fork **HARRISON POWER STATION**	Harrison Power Station State Route 20 Haywood, WV 26366 304-584-2248	Reference Information Only
Mile Point – 126.1R **OWENS-ILLINOIS GLASS COMPANY**	Marion County, WV	INACTIVE
Mile Point – 123.2 R **RESOLUTE FORREST PRODUCTS**	Marion County, WV (304) 368-0900	Confirmed 2/26/2018
Mile Point – 122.8 L **AMERICAN BITUMINOUS POWER PARTNERS – GRANTTOWN**	Marion County, WV (304) 278-5311	Confirmed 2/26/2018
Mile Point – 122.3 L **RIVESVILLE POWER STATION**	Marion County, WV	INACTIVE

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 3 – Harmful Substance/Oil Spill Report

This form provides a list of the information required when notifying the National Response Center (NRC) or other governmental agencies of a release. Complete all available information prior to contacting the NRC or other agencies. (Note: Do not delay notification to collect all information on the form.) Forward a copy of the completed form to:

Environmental Department
Greensburg Corporate Center
Room A301

This form is also available electronically on the FirstEnergy's internal networking system.

FirstEnergy

HAZARDOUS SUBSTANCE SPILL/DISCHARGE REPORT

FORM NO. X-3082 (REV. 07-12) Page 1 of 2

Reset Form | Print

State	Name & Location of Spill/Discharge Site	Date & Time
☐ NJ ☐ OH ☐ PA ☐ MD ☐ VA ☐ WV		Begin (Est): _____ Ended (Est): _____

Town/Township	County	Enter FE Incident No. OR Order/WBS

Substance Spilled/Discharged & Amount	Source of Spill/Discharge	If Source was Electrical Equip. Complete the Following	PCB Concentration (Complete ONLY if Dielectric Oil was Spilled)
☐ Dielectric Mineral Oil ☐ Hydraulic Oil ☐ Diesel Fuel ☐ Other _____ Estimate Volume Spilled (Gallons) _____	☐ Poletop Transformer ☐ Padmount Transformer ☐ Underground Transformer ☐ Other _____	Manufacturer: Serial No: Pole/Pad No: kva Rating:	☐ Non-PCB (<50ppm) ☐ PCB (>=500ppm) ☐ PCB Contaminated (50-499ppm) ☐ Unknown (Sample Required) Concentration : ppm PCB's Field Sample Number: _____

Cause of Spill/ Discharge	Area Affected by Spill/Discharge (Check all that apply)		Agency/Organization Present (If Any)
☐ Car-Pole Accident ☐ Storm Damage ☐ Equipment Failure ☐ Animal Contact ☐ Human Error ☐ Other _____	☐ Limited to FirstEnergy Property ☐ Affected Adjacent Property ☐ Onto Concrete/Macadam/Asphalt	☐ Into Containment ☐ Onto Soil/Gravel ☐ Vegetation	Representative's Name: Agency: Representative's Name: Agency: Representative's Name: Agency:
	☐ Into Surface Water or Storm Drain (or Ditch – Ohio) ☐ Into Vegetable Garden/Grazing Land ☐ Other Name of Water Body: Volume Reaching Water: gallons Other:		

Containment Activities	Clean-up Activities	
☐ Placed Absorbent Pads ☐ Placed Absorbent Booms ☐ Placed Oil Dri; Sorbent C; etc. ☐ Constructed Intercept Trench ☐ Other Other:	☐ Removed Soil/Gravel ☐ Pumped/Removed Water ☐ Removed Vegetation ☐ Washed Solid Surfaces ☐ Other Other:	Cleaned Up By Empl. Name Empl No: Clean-Up Start Date: Clean-Up Start Time: Clean-Up End Date: Clean-Up End Time:

FirstEnergy

HAZARDOUS SUBSTANCE SPILL/DISCHARGE REPORT

Drums Used Roll-offs Used Estimate volume cleaned-up (in pounds):	Clean-Up Contractor: ☐ VEOLIA (800) 431-1387 [JC, ME, PN] ☐ CLEAN HARBORS (800) 645-8265 [CEI, OE, PP, TE] ☐ WEAVERTOWN (800) 746-4850 [MP, PE, WPP] ☐ FirstEnergy Crew ☐ Other	☐ FirstEnergy Crew ☐ Other

Employees Reporting Spill/Discharge Information	
Employee Reporting Information Name	Employee No.
Date Information Reported	Time
Employee Receiving Information Name	Employee No.

Agency Notification

Notify agencies even if they are at the spill site.

Agency	Operator	Case Number	Date Called	Time Called
National Response Center (800-424-8802)				
NJDEP (877-927-6337)				
Ocean Co. (NJ) Health Dept. (732-341-9700)				
PADEP (See Generic SPCC Plan for PADEP Region)				
OEPA (800-282-9378)				
City of Toledo (419-936-3015) Business Hours (8am-4:45pm) (419-936-2020) After Business Hours				
MDE (866-633-4686)				
VADEQ (800-468-8892 – In State) (804-674-2400 – Out of State)				
WVDEP (800-642-3074)				

Additional Information

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 4 – Equipment List and Location

Equipment List:

1. The main transformers are protected by a water deluge system.

2. Fire alerts are turned into the control room via telephone or the public address system wherein the alarm is given throughout the plant. The Station Storeroom stocks adequate quantities of absorbent materials. The employees maintain the portable fire equipment. Inspection of fire apparatus is performed as required.

3. First - Aid kits are located throughout the Station and its property. Cardiac defibrillators are located at 4 locations (control room, first aid room, coal handling and the solids waste processing office).

4. Refer to the station's Emergency Plan and Prevention manual for an up to date list of available emergency fire equipment and location information.

5. Facility Equipment List: (on site)

   All equipment listed for the Harrison Power Station is fully operational and is inspected per use unless otherwise specified (see station's Emergency Plan and Prevention manual).

   1. Skimmers/Pumps

      one portable oil skimmer
      four portable centrifugal pumps

   2. Booms

Type/Description	Amount	Location
Containment river boom	4000 feet	Storeroom/Spill Response Bldg.
Mycelx boom	400 feet	Storeroom/Spill Response Bldg.

   3. Chemicals and Chemical Dispersing Equipment- None Available

   4. Sorbents

Type/Description	Amount	Location
Oil Pads & Pigs	numerous	Various/Spill Response Bldg.
Solvent Pads & Pillows	40 of each	Various/Spill Response Bldg.
Oil dry	100 lbs	Various/Spill Response Bldg.

5. Hand tools - various

6. Communication Equipment

Type/Description	Amount	Location
PA system with hand sets	1	On-site
Walkie Talkies	numerous	On-site
Cell Phones	numerous	On-site

7. Fire Fighting and Personal Protective Equipment

Type/Description	Inspection Frequency	Amount	Location
SCBA	Monthly	20	Turbine Hall Cabinets
Fire-fighting suits	Annually	54	Turbine Hall Cabinets
Hose boxes	Monthly	Numerous	Throughout
Standpipe hose system	Monthly	Numerous	Throughout
Water deluge system	Weekly	Numerous	Various Equipment
Fire Extinguishers	Monthly	600	Throughout & Storeroom

8. Other Equipment

Type/Description	Amount	Type/Description	Amount
CAT 854 Dozer	2	Grove Cherry Picker	1
CAT D-10 Dozer	1	Fork Trucks	9
CAT D-7 Dozer	1	GMC Dump Truck	1
CAT Telehandler	1	GMC Flatbed Truck	1
Komatsu Front End Loader	1	Pick Up Trucks	41
Kobeloc Excavator	1	Kubota Side X Sides	4
John Deere Backhoe	1	Kawasaki Mules	20
John Deere Skidsteer	1	Godwin 6” Trash Pumps	3
John Deere Tractor	1		
Lorraine Crane	1		

Section 4 – Equipment List and Location

6. The Emergency Response Contractor has numerous/various equipment available. This information is included with the bid information and available upon request.

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 5 – Emergency Response Team

STATION PERSONNEL

Facility Response Coordinator:

Regional Director – Gary J. Dinzeo	(304) 584-2233
Cell Phone:	(724) 787-6977

(304) 584-2248 The phone number is a 24 hour/7 day manned phone for the facility. An on site Production Supervisor or Operator/Technicians will contact facility coordinators and they have the authority to act as alternate facility response coordinators when management is not available.

Alternate Facility Response Coordinators:

Manager, Technical Services – Edward L Murphy	(304) 584-2210
Cell Phone:	(304) 904-8809
Manager, Maintenance – Luke Sandolfini	(304) 584-2478
Cell Phone:	(724) 953-6490
Manager, Operations – Mike Staff	(304) 584-2446
Cell Phone:	(440) 413-0017

CONTRACTED RESPONSE PERSONNEL

On-Scene Coordinator (OSC)	
Emergency Response Contractor	1 (800) 488-0910
EnviroServe Emergency Response (Answers 24 hours)	

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 6 – Evacuation Procedures

(Excerpted from Harrison Power Station Emergency Plan and Prevention, 02/2019)

A. Evacuation Plan – Area/Partial/Complete Evacuations general information

Certain conditions, for example, aerial lift, major fires, explosions, bomb threats, chemical release, severe boiler leak etc. may occur that necessitate **AREA, PARTIAL or COMPLETE** evacuation of the facility. All possible circumstances cannot be anticipated. However, this procedure will serve as guidance for the Process Supervisor (Incident Commander) to determine the appropriate evacuation level.

The Incident Commander determines the level of evacuations that is required for the situation. If an event occurs that requires evacuation, the Process Supervisor is the INCIDENT COMMANDER and shall initiate the appropriate evacuation.

NOTE: All announcements will be made over the Plant PA system and the Plant radios.

B. Area/Partial/Complete Evacuations Definitions, Announcements, and Initial Evacuation Action.

1. Area Evacuation

An area evacuation is an evacuation of a certain area in a facility (ex. Area within the Main Plant, Scrubber Building or other auxiliary area) that may contain a hazardous situation in that part of the station (examples: boiler X-Rays, overhead lifts, localized spills etc.). No accountability is taken. The emergency shall be announced over the P.A. system and radio by the Control Room Operator.

NOTE: Area evacuation for x-ray and blasting may be made by lead man or supervisor in charge

Example
Step 1 – Announce Attention! Attention! Attention! - This is an area evacuation. We have X-Rays taking place on unit 1, 4th floor.
Step 2 – Announce Attention! Attention! Attention! - This is an area evacuation. We have X-Rays taking place on unit 1, 4th floor.
Step 3 – Announce Attention! Attention! Attention! - This is an area evacuation. We have X-Rays taking place on unit 1, 4th floor.

All personnel except those designated to have access are to stay clear of the area until the Control Room Operator announces an all clear on the Area Evacuation

2. Partial Evacuation

A partial evacuation is an evacuation of the entire station except for Essential Personnel. Example: Fire, bomb threat or any other situation that requires the evacuation of all employees from the station with the exception of Essential Personnel, as defined in section C, 1. a. The

emergency shall be announced utilizing the audible alarm and the P.A. system and radio by the Control Room Operator.

Example –
Step 1 - Sound the audible evacuation alarm for 10 seconds, then announce "this is a partial evacuation. We have an emergency at 1A mill. All non-essential personnel need to evacuate immediately and report to designated accountability area".
Step 2 - Announce "this is a partial evacuation. We have an emergency at 1A mill.

Step 3 - Announce "this is a partial evacuation. We have an emergency at 1A mill.

All non-essential employees are to exit the building via the nearest exit unless the nearest exit would put them in harm's way and assemble at their designated reporting area (Section C, 1. b) for accountability.
Note: Never use the elevators when evacuating for any emergency.

3. Complete Evacuation

A complete evacuation is an evacuation of **all** station personnel. This is done strictly as a last resort when it is unsafe for any personnel to remain in the facility. The emergency shall be announced over the P.A. system and radio by the Control Room Operator.

Example—Attention! Attention! Attention! This is a complete evacuation. All employees are to evacuate at once and report to designated reporting areas. The complete evacuation announcement shall be repeated a minimum of three (3) times followed by the audible evacuation whistle.

Example –
Step 1 - Sound the audible evacuation alarm for 10 seconds, then announce "this is a complete evacuation. All employees are to evacuate at once and report to their designated reporting areas.
Step 2 - Sound the audible evacuation alarm for 10 seconds, then announce "this is a complete evacuation. All employees are to evacuate at once.
Step 3 - Sound the audible evacuation alarm for 10 seconds, then announce "this is a complete evacuation. All employees are to evacuate at once.
Step 4 – Sound Evacuation alarm for 10 seconds (minimum)

Control Room Operators shall remove units from service as directed by the Incident Commander.

All personnel are to exit the building via the nearest exit unless the nearest exit would put them in harm's way and assemble at their accountability areas for accountability. In the event that the accountability areas are not safe, all personnel shall report to the Flagpole.
Note: Never use the elevators when evacuating for any emergency.

Section 6 – Evacuation Procedures

C. Evacuation Plan - Partial Evacuation Accountability and Roles and Responsibilities

Note: The Central Accountability Officer shall report to the Maintenance Shop. The Accountability Officers are listed in Section E

1. Accountability- Partial Evacuation

a) Essential Personnel: Station Director, Operations Manager, Operations Superintendent (If on site) and all Operations personnel report to the Control Room. Control Room Operator shall account for persons reporting to the Control Room. The Control Room Operator will report accountability to the Central Accountability Officer.

Note: In the event of a fire the essential personnel also includes the Rescue Team

b) Non-essential Personnel

i. Coal Handling personnel shall report to the Coal Handling Office. Coal Handling Supervisor on shift shall be responsible to take accountability and report status to the Central Accountability Officer as quickly as possible.

ii. Contractors shall proceed to the Quonset Hut in event of evacuation. The contractor superintendent or designee is responsible to account for their personnel and reporting to the FE Contractor Representative. The Contractor Superintendent shall report the status to the Central Accountability Officer as quickly as possible.

iii. Visitors and all other station personnel with the exception of security shall report to their accountability areas, assemble in teams and the supervisor or designated accountability officer for each team will report accountability for their team to the Central Accountability Officer. **If the accountability area is not a safe evacuation area, you are to assemble at the flagpole.**

Note: Persons not accounted for shall be submitted to Central Accountability Officer indicating name and work location.

The Incident Commander will direct the Rescue Team to search for missing employees.

Note: Weekends, Holidays, and Monday-Friday 2:30 P.M. – 7:00 A.M.:
-Accountability will be reported to the Control Room Operator who will report overall accountability to the Incident Commander. The Incident Commander will assume the Role of Central Accountability Officer.
-The Incident Commander will assign an operator to account for Visitors and all other personnel.

2. Roles and Responsibilities – Partial Evacuation

a) Process Supervisor (Incident Commander):

i. Serves as Incident Commander overall responsibility for the evacuation and all supporting activities.
ii. Assesses need for evacuation and orders appropriate level of evacuation if required.
iii. Overall responsibility for accountability.

iv. Directs emergency response including:
    a. Directs the Rescue teams if needed.
    b. Determines if outside help is needed, if so, he will direct Control Room Operator to call for outside help.
    c. Orders Equipment in and out of service.
    d. Directs Security
v. Verifies outside agencies are notified as required
vi. Contacts and reports damage to Director and/or Operations Manager as soon as practical during off shift.
vii. Directs the Control Room Operator to announce, "All Clear" when Emergency is over and Accountability is cleared.

b) Control Room Operator
i. Announces Emergency and activates Evacuation Alarm.
ii. Accounts for Essential Personnel reporting to the Control Room.
iii. Calls for outside help when directed.
iv. De-energizes and takes equipment out of service when directed.
v. Directs Security to open all motorized gates.
vi. When directed, announces the "All Clear".

c) Operations Personnel
i. Report to Control Room for non-fire emergency
ii. Reports to scene of fire. See Fire and Accountability procedure

d) Rescue Team
i. Shall evacuate with normal crew, if no fire.
ii. Await direction of Incident Commander
iii. At direction of Incident Commander report to incident site.

Note: In the case of a fire all Rescue team members immediately report to the fire

e) Security
i. Opens all motorized gates and remains at Main guard house.
ii. Notifies the Incident Commander when Emergency Response services arrive and directs them to the required reporting location.
iii. Restricts entrance to anyone except Station employees or emergency personnel and/or emergency vehicles.
iv. Informs Control Room of the presence of media and news agencies but does not permit them to enter the site.
v. Delivers visitor log to Central Accountability Officer.
vi. Keeps a record of anyone leaving the property and the reason for leaving.
vii. Keeps Log of all Emergency vehicles coming on site.

f) Station Director, Operations Manager and Operations Superintendent
- Reports to control room to support Process Supervisor/Incident Commander.

g) Central Accountability Officer
-Gathers accountability data from FE Supervision, FE Contractor Reps, and Accountability Officers

D. Evacuation Plan - Complete Evacuation Accountability and Roles and Responsibilities

1. Accountability-Complete Evacuation (the Accountability Officers are listed in Section E)

a) Contractors shall proceed to the Quonset Hut. The contractor superintendent or designee is responsible to account for their personnel. The status shall be reported to the FE Contractor Representative. The FE Contractor Representative shall report the accountability to the Central Accountability Officer as quickly as possible.

b) All other personnel on site with the exception of security and contractors shall report to the Flagpole, assemble in teams and the supervisor or designated accountability officer for each team will report accountability for their team to the Central Accountability Officer.

Note: Persons not accounted for shall be submitted to Central Accountability Officer indicating name and work location.
The Incident Commander will direct the Rescue Team to search for missing employees.

Note: Weekends, Holidays, and Monday-Friday 2:30 P.M. – 7:00 A.M., accountability will be reported to the Incident Commander. The Incident Commander will assume the Role of Central Accountability Officer.

2. Roles and Responsibilities – Complete Evacuation

a) Process Supervisor (Incident Commander):
   i. Serves as Incident Commander overall responsibility for the evacuation and all supporting activities.
   ii. Assesses need for evacuation and orders appropriate level of evacuation if required.
   iii. Overall responsibility for accountability.
   iv. Directs emergency response including:
      a. Directs Rescue teams if needed.
      b. Determines if outside help is needed, if so, he will direct Control Room Operator to call for outside help.
      c. Directs Control Room Operators to remove units from service. Specifies whether to trip the units, or remove in a controlled manner.
      d. Orders Equipment in and out of service, based on the emergency (example for flooding, all electrical systems may be de energized.
      e. Directs the Control Room Operators to evacuate. Evacuates with the Control Room Operators.
      f. Directs Security
   v. Verifies outside agencies are notified as required
   vi. Contacts and reports damage to Director and/or Operations Manager as soon as practical during off shift.
   vii. Directs the Control Room Operator to announce, “All Clear” when Emergency is over and Accountability is cleared.

b) Control Room Operator
   i. Announces Emergency and activates Evacuation Alarm.
   ii. Calls for outside help when directed.

iii. Removes Units from service as directed by the Incident Commander
iv. Removes additional equipment and systems from service as directed by the Incident Commander.
v. Directs Security to open all motorized gates.
vi. Evacuates after confirming with the Incident Commander that all directives are complete.
vii. At the Direction of the Incident Commanders verbally announces the "All Clear" at the accountability areas.

c) Rescue Team
i. Shall evacuate with normal crew (if no fire).
ii. Will support the complete evacuation at direction of the Incident Commander.

d) Security
i. Opens all motorized gates and remains at Main guard house.
ii. Notifies the Incident Commander when Emergency Response services arrive and directs them to the required reporting location.
iii. Restricts entrance to anyone except Station employees or emergency personnel and/or emergency vehicles.
iv. Informs Control Room of the presence of media and news agencies but does not permit them to enter the site.
v. Delivers visitor log to Central Accountability Officer.
vi. Keeps a record of anyone leaving the property and the reason for leaving.
vii. Keeps Log of all Emergency vehicles coming on site.

e) Station Director, Operations Manager and Operations Superintendent.
i. Reports to the Control Room to support the Incident Commander/Incident Commander.

E. Emergency Procedures-Accountability Officers

1. **Weekends, Holidays, and Monday-Friday 2:30 P.M. – 7:00 A.M.** the Incident Commander will serve as the Central Accountability Officer, and assign an operator to account for Visitors and all other personnel.
2. **Daylight Shift-(7:00 A.M. – 2:30 P.M.)**

a) **Central Accountability Officer**: Maintenance Superintendent (Primary)
Maintenance Supervisor (Secondary)
Meeting Area: **Partial Evacuation** (Maintenance Shop)
Complete Evacuation (Flag Pole)

b) **Visitors and Front Office Accountability**: Front Desk AA
Meeting Area: **Partial Evacuation** (Front Lobby)
Complete Evacuation (flagpole)

c) **Solid Waste Processing Accountability Officers**: Department Supervisor or Fill in Supervisor.

Section 6 – Evacuation Procedures

Meeting Area: Partial Evacuation Solid Waste control room.
Complete Evacuation (flagpole)

d) **West End Accountability Officers**: Construction Superintendent
Meeting Area: West end 1st floor Lobby
Complete Evacuation (flagpole)

e) **Coal Handling Accountability Officers**: Department Supervisor or Fill in Supervisor.
Meeting Area: **Partial Evacuation** Coal Handling Office.
Complete Evacuation (flagpole)

f) **Maintenance, Storeroom, Work Management, and Tech Services Accountability Officer**: Department Supervisor
Meeting Area: **Partial Evacuation** (Maintenance Shop)
Complete Evacuation (Flag Pole)

g) **Spare Operating crew, Director, and Tech Service Manager Accountability Officer:** Production Supervisor
Meeting Area: **Partial Evacuation** Control room
Complete Evacuation (flagpole)

h) **Contractors Accountability Officer**: Contractor Superintendent
Meeting Area: Partial Evacuation Quonset Hut
Complete l Evacuation Quonset Hut

i) **Operating crew, Ops Manager, Maint Manager, Safety Rep, Ops Superintendent and Emergency Response Liasons Accountability Officer**: Process Supervisor
Meeting Area: Partial Evacuation Emergency scene
Complete Evacuation (flagpole)

j) **Mobile Maintenance Crew:** Mobile Maintenance Lead man
Meeting Area: Partial Evacuation: Maintenance Shop
Complete Evacuation (flagpole)

Section 6 – Evacuation Procedures

Accountability List

	FIRE	Partial Evacuation	Complete Evacuation
Front Office Business Services Visitors	Front Office	Front Office	Flagpole
Accountability taken by:	Front Desk AA		
Maintenance Storeroom Work management Tech Services	Maintenance Shop	Maintenance Shop	Flagpole
Accountability taken by:	Department Supervisor		
Solid Waste Processing Randy Davis	SWP Control Room	SWP Control Room	Flagpole
Accountability taken by:	SWP Supervisor		
Coal Handling	Coal Handling Office	Coal Handling Office	Flagpole
Accountability taken by:	Coal Handling Supervisor		
Electricians Construction West end Personnel	West End 1st floor Lobby	West End 1st floor Lobby	Flagpole
Accountability taken by:	Construction Superintendent		
Operations Crew on Shift Operations Manager Maintenance Manager Safety Representative	Fire Scene	Emergency Scene	Flagpole
Accountability taken by:	Operations Superintendent Dayshift / Process Supervisor off-shifts		
Mobile Maintenance	Maintenance Shop	Maintenance Shop	Flag pole
Accountability taken by:	Mobile Maintenance Lead man		
Contractors	Work Area	Quonset Hut	Quonset Hut
Accountability taken by:	Contractor Supts (reports to Outage Supt.)		
Spare Crew Operations Overtime Crew Tech Services Manager Director	Control Room	Control Room	Flagpole
Accountability taken by:	Control Room Foreman		
Rescue Team	Supervisor first	Evacuate with crew and await instructions	Flagpole
Accountability taken by:	Supervisor	Department Supervisor	Department Supervisor

In all situations: Accountability is reported to the Central Accountability officer (Maintenance Superintendent)

HARRISON POWER STATION

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Section 6 – Evacuation Procedures

WEST VIRGINIA RELEASE REPORTING FLOW CHART FOR FE GENERATION INCIDENTS

West Virginia Release Reporting Flow Chart for FE Generation Environmental Incidents

Oil Spill Incident

Did the spill get to a lake, river, stream, creek or storm drain? — Yes

No

Does the spill threaten to enter a lake, river, stream, creek or storm drain? — Yes

No

Does the spill involve PCBs ≥50 ppm to water, vegetable garden or animal grazing areas? — Yes

No

Does the spill involve 1 pound or more of pure PCBs? **OR** a ≥ 500 ppm PCB spill? — Yes

No

Was there a PCB (≥ 500 ppm) fire? — Yes

No

Did the spill contaminate groundwater? — Yes

No

Agency notifications **NOT** required

Chemical Spill Incident

Was a hazardous or extremely hazardous substance released? — No

Yes

Is the amount spilled equal to or exceed the Reportable Quantity (RQ) for the substance? — No

Common Chemical RQs
Battery Acid: 1,000 lbs (230 gal)
Caustic: 1,000 lbs
Diesel: 10,000 lbs (1,427 gal)
Ethylene Glycol: 5,000 lbs
Gasoline: 10,000 lbs (1,556 gal)
Sulfuric Acid: 1,000 lbs

Yes

Did the RQ amount **leave** FE property? — Yes

No

Did the spill contaminate groundwater? — Yes

No

Agency notifications **NOT** required

NOTE
A plant's NPDES permit may have additional or more stringent reporting requirements.

Notify WVDEP

FE Vehicle Incident Involving a USDOT Hazardous Material

Was a person killed? — Yes

No

Did a person receive injuries requiring hospitalization? — Yes

No

Will there be an evacuation of the general public lasting 1 or more hours? — Yes

No

Will there be a major transportation artery closed for 1 or more hours? — Yes

No

Will the operational flight pattern or routine of aircraft be altered? — Yes

No

Agency notifications **NOT** required

Contact the Corp Environment Dept for additional guidance.

Notify WVDEP within **24hrs** of **suspected** AST release.

Notify WVDEP **immediately** once release **confirmed.**

Registered **Aboveground** (AST) or **Underground Storage Tank** (UST) Incident

Was there a release from the tank, piping or any containment to the environment? — Yes

No

Was there a release of more than 25 gallons while transferring a petroleum product to or from a **UST**? — Yes

No

Was the petroleum release contained and cleaned up within 24 hrs? — No

Yes

Was there a release of a haz substance greater than its RQ to the environment? — Yes

No

Was there a suspected release such as:
- presence of free product or vapors,
- unusual operating conditions,
- erratic pump behavior or
- a sensor alarm?

Yes

No

Agency notifications **NOT** required.

Plant Environmental Coordinator or Spill Coordinator
1 **IMMEDIATELY**

National Response Center (NRC)
(800) 424-8802 (24 hrs)
2 **IMMEDIATELY**

USEPA Region 3
(215) 814-3255 (24 hrs)
(800) 438-2474 (24 hrs)
Notify USEPA **only** if:
- ≥ 1 lb of pure PCBs or
- ≥ 500 ppm PCB spill or
- ≥ 50 ppm or unknown PCB spill to water, veg garden or grazing areas (24 hrs) or
- ≥ 1,000 gal of oil reaches water.

3 **IMMEDIATELY**

WVDEP
(800) 642-3074 (24 hrs)
4 **IMMEDIATELY**

County EMA
911
Contact the EMA if the following occurs:
- ≥1lb of pure PCBs released or
- PCB (≥ 500 ppm) fire or
- Public health or safety is endangered or
- Confirmed release from AST or
- Chemical in excess of RQ gets off site.

5 **2 HOURS**

Response Contractor
Clean Harbors
(800) 645-8265
PO #: 55121539

HEPACO
(800) 888-7689
PO #: 55128501

Note: If agency notification is not required but the local authorities (police/county) have already done so, then contact the agencies.

State/Local Only Reporting Requirement

Rev 5 – WV Gen
8/28/2020

Notes

1. When calling the Plant Environmental Coordinator or Oil Spill Coordinator, ensure you provide as much information as possible to help determine if the spill is reportable.

2. NRC will automatically notify USEPA and USDOT as necessary.

3. Only notify USEPA if one of the following occurs:
   - ≥ 1 lb of pure PCBs released or
   - ≥ 500 ppm PCB spill or
   - ≥ 50 ppm (known or assumed) PCB spill to surface water, sewers or drinking water supplies or
   - ≥ 50 ppm (known or assumed) PCB spill to a vegetable garden or animal grazing areas or
   - ≥ 1,000 gallons of oil reaches water.

5. Notify the County EMA by dialing 911. Only notify County EMA if one of the following occurs:
   - ≥ 1 lb of pure PCBs released or
   - PCB (≥ 500 ppm) fire or
   - Public health or safety is endangered or
   - Confirmed release from AST or
   - Chemical in excess of RQ gets off site.

To determine weight of PCBs use the following formula:

$$\text{Lbs of Pure PCBs} = \frac{(7.5 \times \#\text{ of Gallons} \times \text{ppm PCBs})}{1{,}000{,}000}$$

1 lb of PCBs = 2,667 gallons @ 50 ppm
1,333 gallons @ 100 ppm
667 gallons @ 200 ppm
267 gallons @ 500 ppm

Notify the FE Environment Dept as needed.

Notify FE Communications if media or press is involved.

When notifying the agencies be prepared to provide the following information:
- Your name and contact information,
- The location of the release,
- The water body or area affected by the release,
- The name of the product released and the quantity, or estimated quantity, released,
- The date and time the release started and ended. If exact times are not known, estimate.
- What has been done to contain and clean up the release?

Keep a running record of every agency phone call, even after the initial notification, include:
- Date and time of call,
- Person spoken to,
- Nature of discussion,
- Information requested by the agency.

Additional Contacts

FE Environment Department		
Name	**Cell**	**Office**
Kevin Hutchinson	(724) 757-2449	(330) 740-7545
Guy Gockley	(610) 568-4926	(610) 921-6920
Dan Havalo, Supervisor	(330) 592-0569	(330) 315-6714
Frank Lawson, Supervisor (Albright, Rivesville, Willow Is)	(215) 264-8133	(973) 401-8309
Amanda Habershaw, Manager	(412) 841-5545	(724) 830-5971
Mark Vindivich, Manager (Albright, Rivesville, Willow Is)	(301) 331-4354	(301) 790-6314
FE Security (Fairmont, WV)		(304) 534-7512

FE Communications Department		
Name	**Cell**	**Office**
Jennifer Young	(216) 337-8789	(330) 761-4362
Mark Durbin	(330) 603-4872	(330) 761-4365

HARRISON POWER STATION

Environmental Emergency Response Guideline (EERG)

Section 8 – Facility Diagrams

Facility Maps and Drawings

- USGS Station Location Map
- Harrison SPCC Drawing