



FAIRFAX COUNTY WATER AUTHORITY  
8570 Executive Park Avenue, Fairfax, Virginia 22031-2218  
[www.fairfaxwater.org](http://www.fairfaxwater.org)

**PRODUCTION DIVISION**

Joel L. Thompson  
Director  
(703) 289-6537  
Fax (703) 289-6535

VDEQ Delivery:  
Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

September 2, 2020

Ms. Alison L. Thompson  
Water Permits Technical Reviewer  
Virginia Department of Environmental Quality  
Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, Virginia 22193

\*e-copy emailed to: Alison L. Thompson  
Date: \_\_\_\_\_

Subject: Application VPDES Permit VA 0002585, Griffith Treatment Plant, Fairfax Water

Dear Ms. Thompson:

Enclosed please find one original application packet for the reissuance of the above-referenced permit to include the following forms and attachments: Form 1; Form 2C; Form 2F, VPDES Permit Application Addendum, Public Notice Billing Information Form, and the results of Water Quality Criteria Monitoring (Attachment A) for Outfall #001.

Please note that the water plant operations have not changed significantly since the 2016 permit reissuance. The former Lorton WTP site has been completely regraded by Vulcan Materials Co. under a Fairfax County-approved Site Plan. This has impacted the contributing storm water drainage areas to Outfalls 001 and 002, as addressed in Form 2F. In addition, water quality instruments using reagents at Outfall 008 were removed in 2017. As such, the discharge at Outfall 008 is only a raw water sample of the Occoquan Reservoir, and Fairfax Water requests DEQ's consideration in reducing the monitoring requirements of this outfall during the next permit cycle.

Please advise us as to when you consider our application to be complete. We also request a copy of the preliminary Draft Permit before it is released for comment. Please contact A-J Wangner at (703) 641-6633 or [awangner@fairfaxwater.org](mailto:awangner@fairfaxwater.org) if you have any questions or concerns.

Sincerely,

Joel L. Thompson  
Director of Production

Attachment  
Electronic copy sent to Alison Thompson, DEQ

Cc: Greg Prelewicz, PE, Manager, Planning Department / P&E Permit Files  
A-J Wangner, PE, Griffith Plant Engineer, Fairfax Water / GTP Permit Files

## LIST OF ATTACHMENTS

1. Public Notice Billing Information Form
2. VPDES Permit Application Addendum
3. EPA General Form 1
  - a. Figure 1-7.1A: Location Map
  - b. Figure 1-7.1B: Topographic Map
4. EPA Form 2C (Outfalls 001, 007, 008, 009)
  - a. Figure 2C-2.1: Flow Schematic for Griffith Water Treatment Facilities
  - b. Table 2C-3.1: Outfall Descriptions
  - c. Table 2C-4.2: Outfall Intermittent or Seasonal Discharges
  - d. Tech Memo 2C-6.3: Pollutant Control at Outfall 008
  - e. Table 2C-8.2: Substances Stored and Used at Facility
  - f. Water Quality Criteria Monitoring for Outfall 001 (Permit "Attachment A")
5. EPA Form 2F (Outfalls 001, 002, 003, 004, 005, 006)
  - a. Tech Memo 2F-2.3: Storm Water Outfall Improvements
  - b. Figure 2F-3.1: Griffith Water Plant Site Drainage Map
  - c. Table 2F-4.1: Description of Storm Water Outfalls
  - d. Table 2F-4.3: Storm Water Outfalls Control and Treatment
  - e. Table 2F-6.1: Reported Spills and Leaks

**PUBLIC NOTICE BILLING INFORMATION**

I hereby authorize the Virginia Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in accordance with 9VAC25-31-290.C.2.

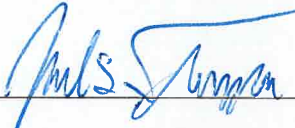
Agents/Department to be billed: Fairfax Water

Owner: Fairfax Water

Applicant's Address: 9600 Ox Road  
Lorton, VA 22079

Agent's Telephone Number: (703) 641-6633

Attention: A.J. Wangner

Authorizing Agent:   
*Signature*

Authorizing Agent Name: Joel L. Thompson, Director of Production

VPDES Permit VA0002585  
Fairfax Water – Griffith WTP

Please return to:  
Alison Thompson  
VA-DEQ, NRO  
13901 Crown Court  
Woodbridge, VA 22193-1453  
Fax: (703) 583-3821

## VPDES Permit Application Addendum

1. **Entity to whom the permit is to be issued:** Fairfax County Water Authority (Fairfax Water)

*Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.*

2. **Is this facility located within city or town boundaries?** Yes  No

3. **Provide the tax map parcel number for the land where the discharge is located.** PIN: 1122.01.0009

4. **For the facility to be covered by this permit, how many acres will be disturbed during the next five years due to new construction activities?** less than 5 acres (segmented)

5. **What is the design average effluent flow of this facility?** 5.8 MGD

**For industrial facilities, provide the max. 30-day average production level, include units:**

Municipal Water Treatment Plant producing potable water with a 2019, max 30-day average production rate of 76 MGD

**In addition to the design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels?** Yes  No

**If "Yes", please identify the other flow tiers (in MGD) or production levels:**

*Please consider the following questions for both the flow tiers and the production levels (if applicable): Do you plan to expand operations during the next five years? Is your facility's design flow considerably greater than your current flow?*

6. **Nature of operations generating wastewater:**

Municipal Water Treatment, See Form 2C

0 % of flow from domestic connections/sources

Number of private residences to be served by the treatment \_\_\_\_\_

100 % of flow from non-domestic connections/sources

7. **Mode of discharge:**  Continuous  Intermittent  Seasonal

Describe frequency and duration of intermittent or seasonal discharges:

See Form 2C

8. **Identify the characteristics of the receiving stream at the point just above the facility's discharge point:**

X Permanent stream, never dry Outfalls 001, 007, 008, 009

\_\_\_\_\_ Intermittent stream, usually flowing, sometimes dry

\_\_\_\_\_ Ephemeral stream, wet-weather flow, often dry

X Effluent-dependent stream, usually or always dry without effluent Outfalls 003, 004, 005

X Lake or pond at or below the discharge point Outfalls 002 and 006

Other: \_\_\_\_\_

9. **Approval Date(s):**

**O & M Manual** November 2016 (DEQ Facility technical & Lab Inspection) **Sludge/Solids Management Plan** NA

Have there been any changes in your operations or procedures since the above approval dates? Yes   
No

10. **Privately Owned Treatment Works**

If this application is for a privately owned treatment works serving, or designed to serve, 50 or more residences, you must include with your application notification from the State Corporation Commission that you are incorporated in the Commonwealth and verification from the SCC that you are in compliance with all regulations and relevant orders of the State Corporation Commission. Incorporated also includes Limited Liability Companies (LLCs), Limited Partnerships (LPs) and certificates of authority.

11. **Consent to receive electronic mail**

The Department of Environmental Quality (DEQ) may deliver permits and certifications (this includes permit issuances, reissuances, modifications, revocation and reissuances, terminations and denials) to recipients, including applicants or permittees, by electronically certified mail where the recipients notify DEQ of their consent to receive mail electronically (§ 10.1-1183). Check *only one* of the following to consent to or decline receipt of electronic mail from DEQ as follows:

Applicant or permittee agrees to receive by electronic mail the permit that may be issued for the proposed pollutant management activity, and to certify receipt of such electronic mail when requested by the DEQ.

If yes, provide email: awangner@fairfaxwater.org; cconeway@fairfaxwater.org

Applicant or permittee declines to receive by electronic mail the permit that may be issued for the proposed pollutant management activity.

12. **Financial Assurance/Closure** [NA]

The Financial Assurance Regulation, [9VAC25-650](#) applies to all privately owned sewerage systems that treat sewage generated by private residences and discharge more than 1,000 gallons per day and less than 40,000 gallons per day. A private residence is defined as any building, buildings or part of a building owned by a private entity which serves as a permanent residence where sewage is generated. It does not apply to hotels, motels, seasonal camps and industrial facilities that do not serve as permanent residences. The regulation requires that a closure plan, a cost estimate and a financial assurance mechanism be in place. If financial assurance/cost estimate/closure plan requirement is applicable to this facility please review the following:

**For reissuances (existing facilities):**

The Financial Assurance Regulation [9VAC25-650](#) also requires that the permittee review the closure plan and cost estimate at the end of the VPDES permit term and that the permittee submit the plan, the cost estimate and a written summary of their review, and of any modifications to the plan, concurrently with

this application for permit reissuance. If the permittee's review of the closure plan and cost estimate result in changes to the cost estimate greater than that which would result from the required annual inflationary adjustment per the permit's special condition and [9VAC25-650-30 B](#), the resulting increase to the existing financial assurance mechanism should be made.

Review and update if necessary, the closure plan, cost estimate and financial assurance mechanism per the last annual inflationary adjustment or today if changed from last annual inflationary adjustment. Send to the DEQ Office of Financial Responsibility at the address below via tracked mail.

**For issuances (new facilities or facilities not built):**

Include the closure plan, cost estimate and financial assurance mechanism with this application to the following address via UPS, FEDEX or USPS tracked mail:

Department of Environmental Quality  
Office of Financial Responsibility and Waste Programs  
P.O. Box 1105  
Richmond, VA 23218

You may use the attached suggested wording for closure plan permanent facility closure, 24 month contract operation and closure plan third party implementation agreement. Also include the signed application for closure plan approval. Questions about these financial assurance and closure requirements may be directed to Suzanne Taylor at (804) 698-4146.

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Water Permits Division

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# Application Form 1

## General Information

### NPDES Permitting Program

**Note:** All applicants to the National Pollutant Discharge Elimination System (NPDES) permits program, with the exception of publicly owned treatment works and other treatment works treating domestic sewage, must complete Form 1. Additionally, all applicants must complete one or more of the following forms: 2B, 2C, 2D, 2E, or 2F. To determine the specific forms you must complete, consult the “General Instructions” for this form.



Form 1 NPDES		<b>U.S. Environmental Protection Agency</b> <b>Application for NPDES Permit to Discharge Wastewater</b> <b>GENERAL INFORMATION</b>
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**SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1))**

<b>Activities Requiring an NPDES Permit</b>	1.1	<b>Applicants <i>Not Required</i> to Submit Form 1</b>				
	1.1.1	Is the facility a new or existing <b>publicly owned treatment works</b> ? If yes, STOP. Do NOT complete Form 1. Complete Form 2A.	<input checked="" type="checkbox"/> No	Is the facility a new or existing <b>treatment works treating domestic sewage</b> ? If yes, STOP. Do NOT complete Form 1. Complete Form 2S.	<input checked="" type="checkbox"/> No	
	1.2	<b>Applicants <i>Required</i> to Submit Form 1</b>				
	1.2.1	Is the facility a <b>concentrated animal feeding operation</b> or a <b>concentrated aquatic animal production facility</b> ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2B.	<input checked="" type="checkbox"/> No	1.2.2	Is the facility an <b>existing</b> manufacturing, commercial, mining, or silvicultural <b>facility</b> that is <b>currently discharging process wastewater</b> ? <input checked="" type="checkbox"/> Yes → Complete Form 1 and Form 2C.	<input type="checkbox"/> No
	1.2.3	Is the facility a <b>new</b> manufacturing, commercial, mining, or silvicultural <b>facility</b> that has <b>not yet commenced to discharge</b> ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2D.	<input checked="" type="checkbox"/> No	1.2.4	Is the facility a <b>new or existing</b> manufacturing, commercial, mining, or silvicultural <b>facility</b> that <b>discharges only nonprocess wastewater</b> ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2E.	<input checked="" type="checkbox"/> No
	1.2.5	Is the facility a <b>new or existing facility</b> whose discharge is composed entirely of <b>stormwater associated with industrial activity</b> or whose discharge is composed of <b>both stormwater and non-stormwater</b> ? <input checked="" type="checkbox"/> Yes → Complete Form 1 and Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15).				

**SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(f)(2))**

<b>Name, Mailing Address, and Location</b>	2.1	<b>Facility Name</b>			
	Griffith Water Treatment Plant - Fairfax Water				
	2.2	<b>EPA Identification Number</b>			
	VAR000512939				
	2.3	<b>Facility Contact</b>			
		Name (first and last) Alden-John W. Wangner	Title Sr. Plant Engineer	Phone number (703) 641-6633	
		Email address awangner@fairfaxwater.org			
2.4	<b>Facility Mailing Address</b>				
	Street or P.O. box 9600 Ox Road				
	City or town Lorton	State VA	ZIP code 22079		

EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name Griffith Water Treatment Plant	Form Approved 03/05/19 OMB No. 2040-0004
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Name, Mailing Address, and Location Continued	2.5	<b>Facility Location</b>		
	Street, route number, or other specific identifier 9600 Ox Road			
	County name Fairfax County		County code (if known)	
	City or town Lorton		State VA	ZIP code 22079

**SECTION 3. SIC AND NAICS CODES (40 CFR 122.21(f)(3))**

SIC and NAICS Codes	3.1	<b>SIC Code(s)</b>	<b>Description (optional)</b>
		4941	Water Supply
		NA	
		NA	
	3.2	<b>NAICS Code(s)</b>	<b>Description (optional)</b>
		221310	water treatment and distribution

**SECTION 4. OPERATOR INFORMATION (40 CFR 122.21(f)(4))**

Operator Information	4.1	<b>Name of Operator</b>		
	Fairfax County Water Authority (Fairfax Water)			
	4.2	Is the name you listed in Item 4.1 also the owner? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	4.3	<b>Operator Status</b>		
		<input type="checkbox"/> Public—federal	<input type="checkbox"/> Public—state	<input checked="" type="checkbox"/> Other public (specify) <u>County utility</u>
		<input type="checkbox"/> Private	<input type="checkbox"/> Other (specify) _____	
4.4	<b>Phone Number of Operator</b>			
(703) 289-6000				

Operator Information Continued	4.5	<b>Operator Address</b>		
	Street or P.O. Box 8570 Executive Park Avenue			
	City or town Fairfax		State VA	ZIP code 22031
Email address of operator awangner@fairfaxwater.org; cconeway@fairfaxwater.org				

**SECTION 5. INDIAN LAND (40 CFR 122.21(f)(5))**

Indian Land	5.1	Is the facility located on Indian Land? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name Griffith Water Treatment Plant	Form Approved 03/05/19 OMB No. 2040-0004
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**SECTION 6. EXISTING ENVIRONMENTAL PERMITS (40 CFR 122.21(f)(6))**

Existing Environmental Permits	6.1	<b>Existing Environmental Permits</b> (check all that apply and print or type the corresponding permit number for each)		
	<input checked="" type="checkbox"/>	NPDES (discharges to surface water) VA0002585	<input checked="" type="checkbox"/>	RCRA (hazardous wastes) VAR000512939; VAR000515429
	<input type="checkbox"/>	PSD (air emissions) na	<input type="checkbox"/>	Nonattainment program (CAA) na
	<input type="checkbox"/>	Ocean dumping (MPRSA) na	<input type="checkbox"/>	Dredge or fill (CWA Section 404) na
			<input type="checkbox"/>	UIC (underground injection of fluids) na
			<input type="checkbox"/>	NESHAPs (CAA) na
			<input checked="" type="checkbox"/>	Other (specify) VAR000517391 (RCRA)

**SECTION 7. MAP (40 CFR 122.21(f)(7))**

Map	7.1	Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.)  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CAFO—Not Applicable (See requirements in Form 2B.)
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**SECTION 8. NATURE OF BUSINESS (40 CFR 122.21(f)(8))**

Nature of Business	8.1	Describe the nature of your business.  The Griffith Water Treatment Plant (GWTP) drinking water treatment facility was completed in May 2006. The GWTP replaced the former Lorton (Old and New) and Occoquan Water Treatment Plants (LWTP and OWTP, respectively). The GWTP has a max. capacity of 126 MGD and produces and distributes potable water for public consumption using the Occoquan Reservoir as a raw water supply.  This application is for the discharge of supernatant from an abandoned, Fairfax Water-owned quarry which includes process wastewater discharge from the GWTP and Griffith Raw Water Pump Station (GRWPS) and some overland storm water runoff. The quarry capacity is approximately 0.68 billion gallons. Other discharges include screened wash water and raw sampling water at the Occoquan High Dam raw water intake, and the GWTP also discharges storm water associated with industrial activity at five storm water outfalls at the facility.
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**SECTION 9. COOLING WATER INTAKE STRUCTURES (40 CFR 122.21(f)(9))**

Cooling Water Intake Structures	9.1	Does your facility use cooling water?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 10.1.
	9.2	Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.)

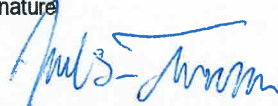
**SECTION 10. VARIANCE REQUESTS (40 CFR 122.21(f)(10))**

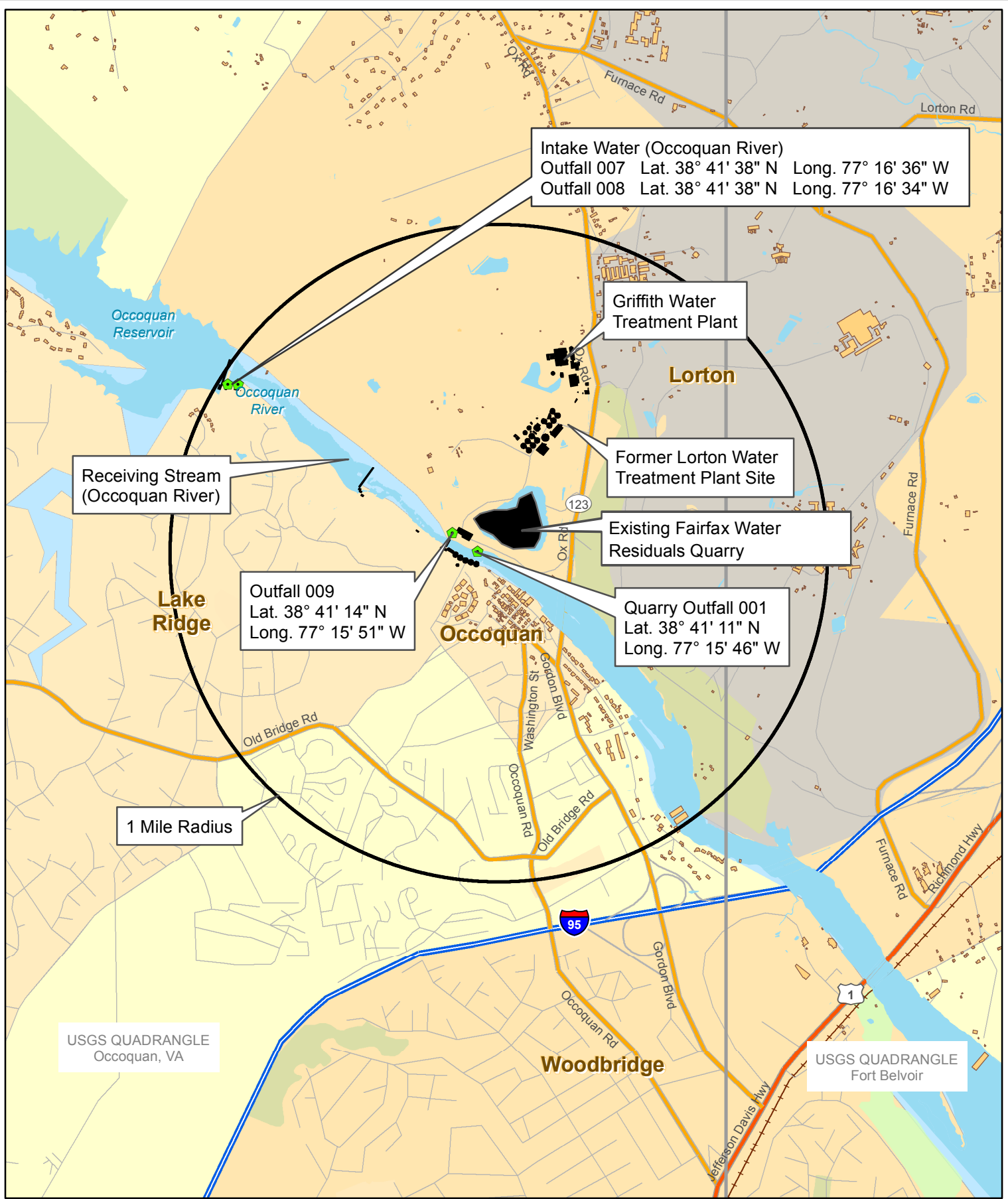
Variance Requests	10.1	Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)  <input type="checkbox"/> Fundamentally different factors (CWA Section 301(n)) <input type="checkbox"/> Water quality related effluent limitations (CWA Section 302(b)(2)) <input type="checkbox"/> Non-conventional pollutants (CWA Section 301(c) and (g)) <input type="checkbox"/> Thermal discharges (CWA Section 316(a)) <input checked="" type="checkbox"/> Not applicable
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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name Griffith Water Treatment Plant
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Form Approved 03/05/19  
OMB No. 2040-0004

**SECTION 11. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))**

<b>Checklist and Certification Statement</b>	11.1	In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.	
		<b>Column 1</b>	<b>Column 2</b>
		<input checked="" type="checkbox"/> Section 1: Activities Requiring an NPDES Permit	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 2: Name, Mailing Address, and Location	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 3: SIC Codes	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 4: Operator Information	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 5: Indian Land	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 6: Existing Environmental Permits	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 7: Map	<input checked="" type="checkbox"/> w/ topographic map <input checked="" type="checkbox"/> w/ additional attachments
		<input checked="" type="checkbox"/> Section 8: Nature of Business	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 9: Cooling Water Intake Structures	<input type="checkbox"/> w/ attachments
		<input checked="" type="checkbox"/> Section 10: Variance Requests	<input type="checkbox"/> w/ attachments
	<input checked="" type="checkbox"/> Section 11: Checklist and Certification Statement	<input type="checkbox"/> w/ attachments	
	<b>11.2 Certification Statement</b>		
	<i>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>		
	Name (print or type first and last name) Joel L. Thompson	Official title Director of Production	
	Signature 	Date signed 9-3-2020	

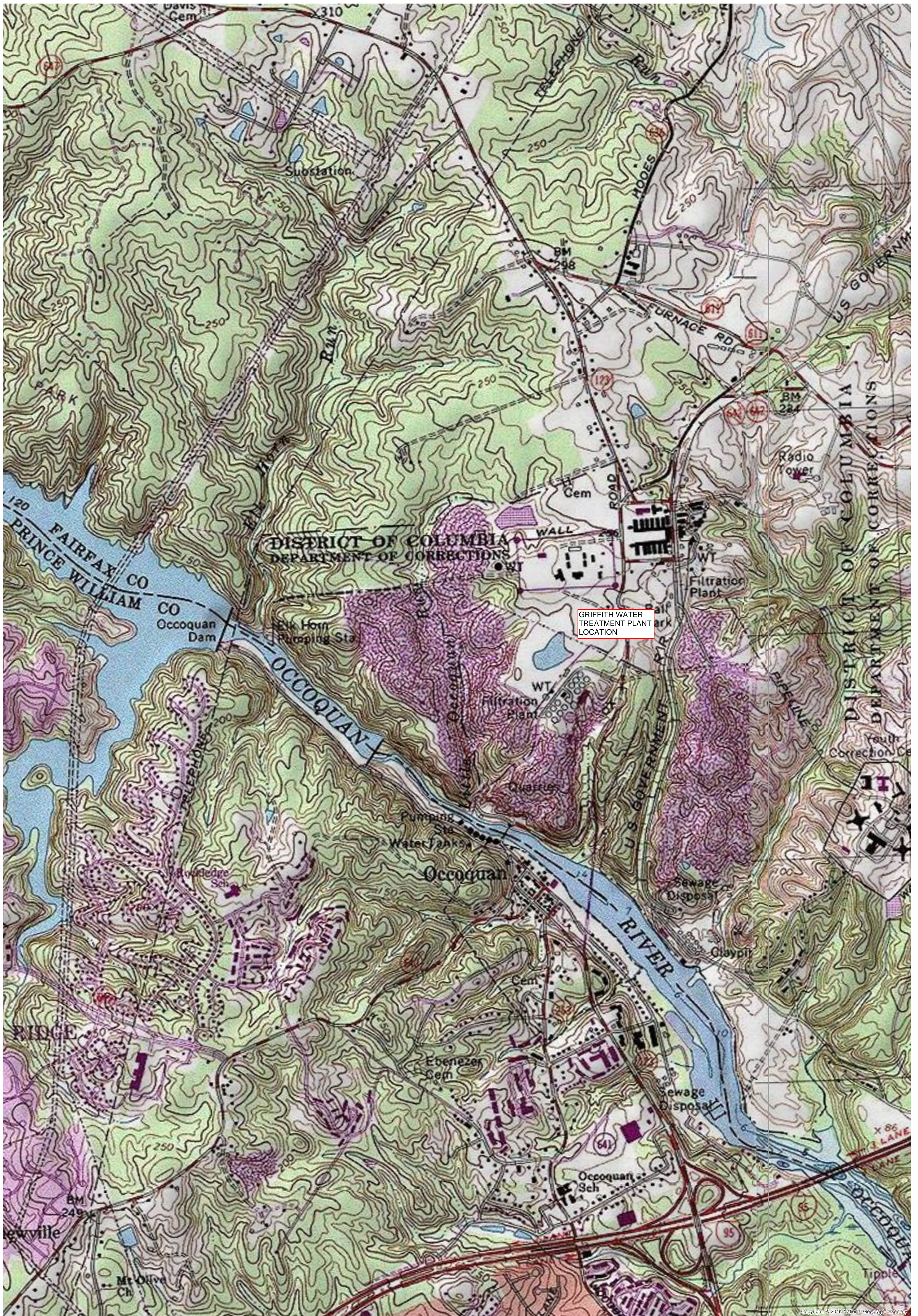


0 0.125 0.25 0.5 Miles



**Figure 1-7.1A Location Map**  
Griffith WTP Facilities

	FAIRFAX WATER	
	USGS Quad: Occoquan & Fort Belvoir, VA	
	Scale:	Updated by: H. Mogilevich
	1:24,000	Date Printed: 08/15/2020



0 0.15 0.3 0.6 Miles



Topo Source: NGS Topo provided by ESRI ArcGIS Online

## Figure 1-7.1B GRIFFITH LOCATION

Topography Map

FAIRFAX WATER

Scale: 1:8,000

Date: 08/15/2020

USGS Quad: Occoquan & Ft. Belvoir, Va

Updated by: Rev. 3, AJW / H. Mogilevich

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Water Permits Division

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# Application Form 2C

## Existing Manufacturing, Commercial, Mining, and Silvicultural Operations


### NPDES Permitting Program

**Note:** Complete this form *and* Form 1 if your facility is an existing manufacturing, commercial, mining, or silvicultural facility that currently discharges process wastewater.

EPA Identification Number VAR000512939		NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment		Form Approved 03/05/19 OMB No. 2040-0004	
Form 2C NPDES		<b>U.S. Environmental Protection Agency</b> <b>Application for NPDES Permit to Discharge Wastewater</b> <b>EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS</b>				
<b>SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))</b>						
<b>Outfall Location</b>	1.1	Provide information on each of the facility's outfalls in the table below.				
		<b>Outfall Number</b>	<b>Receiving Water Name</b>	<b>Latitude</b>		<b>Longitude</b>
		001	Occoquan River	38° 41' 11" N		77° 15' 16" W
		007	Occoquan River	38° 41' 38" N		77° 16' 36" W
		008	Occoquan River	38° 41' 38" N		77° 16' 34" W
<b>SECTION 2. LINE DRAWING (40 CFR 122.21(g)(2))</b>						
<b>Line Drawing</b>	2.1	Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<b>SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(g)(3))</b>						
<b>Average Flows and Treatment</b>	3.1	For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.				
		<b>**Outfall Number**</b> 001				
		<b>Operations Contributing to Flow</b>				
		<b>Operation</b>	<b>Average Flow</b>			
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1	5.8 mgd			
		Primary industrial outfall discharging from quarry receiving	mgd			
		process discharge water from water plant and	mgd			
		storm water inflow	mgd			
		<b>Treatment Units</b>				
		<b>Description</b> (include size, flow rate through each treatment unit, retention time, etc.)	<b>Code from Table 2C-1</b>	<b>Final Disposal of Solid or Liquid Wastes Other Than by Discharge</b>		
	Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1					



<b>Average Flows and Treatment Continued</b>	3.1 cont.	<b>**Outfall Number** 007</b>			
		<b>Operations Contributing to Flow</b>			
		<b>Operation</b>		<b>Average Flow</b>	
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1		0.006 mgd	
		Intermittent raw reservoir water screen wash drain with		mgd	
		trace reservoir screenings (detritus, dirt particles,		mgd	
		small vege.) 390 gpm @ 15 min/day		mgd	
		<b>Treatment Units</b>			
		<b>Description</b> (include size, flow rate through each treatment unit, retention time, etc.)		<b>Code from Table 2C-1</b>	<b>Final Disposal of Solid or Liquid Wastes Other Than by Discharge</b>
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1			
		<b>**Outfall Number** 008</b>			
		<b>Operations Contributing to Flow</b>			
		<b>Operation</b>		<b>Average Flow</b>	
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1		0.007 mgd	
		Continuous flowing reservoir raw water sample tap drain.		mgd	
		(No longer has reagent-using water quality meter discharge)		mgd	
		5 gpm		mgd	
<b>Treatment Units</b>					
<b>Description</b> (include size, flow rate through each treatment unit, retention time, etc.)		<b>Code from Table 2C-1</b>	<b>Final Disposal of Solid or Liquid Wastes Other Than by Discharge</b>		
Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1					
<b>System Users</b>	3.2	Are you applying for an NPDES permit to operate a privately owned treatment works? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Section 4.			
	3.3	Have you attached a list that identifies each user of the treatment works? <input type="checkbox"/> Yes <input type="checkbox"/> No			

EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Form Approved 03/05/19 OMB No. 2040-0004	
Form 2C NPDES		<b>U.S. Environmental Protection Agency</b> <b>Application for NPDES Permit to Discharge Wastewater</b> <b>EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS</b>		
<b>SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))</b>				
<b>Outfall Location</b>	1.1	Provide information on each of the facility's outfalls in the table below.		
		<b>Outfall Number</b>	<b>Receiving Water Name</b>	<b>Latitude</b>
				<b>Longitude</b>
		009	Occoquan River	38° 41' 14" N
				77° 15' 51" W
			° ' " N	
			° ' " W	
			° ' " N	
			° ' " W	
<b>SECTION 2. LINE DRAWING (40 CFR 122.21(g)(2))</b>				
<b>Line Drawing</b>	2.1	Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.)		
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(g)(3))</b>				
<b>Average Flows and Treatment</b>	3.1	For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.		
		<b>**Outfall Number**</b> 009		
		<b>Operations Contributing to Flow</b>		
		<b>Operation</b>	<b>Average Flow</b>	
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1	1 mgd	
		Quarterly maintenance check release of pump discharge	mgd	
		surge relief valves, and infrequent emergency surge relief	mgd	
		of raw reservoir water possibly with trace of KMnO4.	mgd	
		<b>Treatment Units</b>		
		<b>Description</b> (include size, flow rate through each treatment unit, retention time, etc.)	<b>Code from Table 2C-1</b>	<b>Final Disposal of Solid or Liquid Wastes Other Than by Discharge</b>
		Refer to Tables 2C-3.1 and 2C-4.2 and Figure 2C-2.1		

**SECTION 4. INTERMITTENT FLOWS (40 CFR 122.21(g)(4))**

<b>Intermittent Flows</b>	4.1	Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 5.						
	4.2	Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.						
		<b>Outfall Number</b>	<b>Operation (list)</b>	<b>Frequency</b>		<b>Flow Rate</b>		<b>Duration</b>
				<b>Average Days/Week</b>	<b>Average Months/Year</b>	<b>Long-Term Average</b>	<b>Maximum Daily</b>	
		001	Water treatment ops	7 days/week	12 months/year	5.8 mgd	5.8 mgd	1 days
			see Table 2C-4.2	days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
		007	Screen washes	7 days/week	12 months/year	.006 mgd	.006 mgd	.01 days
			see Table 2C-4.2	days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
009		Surge Relief maint	0 days/week	4 months/year	1 mgd	1 mgd	.007 days	
	Emergency surge relief	0 days/week	1 months/year	1 mgd	1 mgd	.03 days		
	see Table 2C-4.2	days/week	months/year	mgd	mgd	days		

**SECTION 5. PRODUCTION (40 CFR 122.21(g)(5))**

<b>Applicable ELGs</b>	5.1	Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Section 6.			
	5.2	Provide the following information on applicable ELGs.			
		<b>ELG Category</b>	<b>ELG Subcategory</b>	<b>Regulatory Citation</b>	
		na			
<b>Production-Based Limitations</b>	5.3	Are any of the applicable ELGs expressed in terms of production (or other measure of operation)? <input type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 6.			
	5.4	Provide an actual measure of daily production expressed in terms and units of applicable ELGs.			
		<b>Outfall Number</b>	<b>Operation, Product, or Material</b>	<b>Quantity per Day</b>	<b>Unit of Measure</b>
			na		

**SECTION 6. IMPROVEMENTS (40 CFR 122.21(g)(6))**

<b>Upgrades and Improvements</b>	6.1	Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?  <input type="checkbox"/> Yes <span style="margin-left: 200px;"><input checked="" type="checkbox"/> No → SKIP to Item 6.3.</span>				
	6.2	Briefly identify each applicable project in the table below.				
		<b>Brief Identification and Description of Project</b>	<b>Affected Outfalls</b> (list outfall number)	<b>Source(s) of Discharge</b>	<b>Final Compliance Dates</b>	
		NA			<b>Required</b>	<b>Projected</b>
6.3	Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? <i>(optional item)</i>  <input checked="" type="checkbox"/> Yes <small>See Tech Memo 2C-6.3 for Outfall 008</small> <input type="checkbox"/> No <span style="margin-left: 100px;"><input type="checkbox"/> Not applicable</span>					

**SECTION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(g)(7))**

<b>Effluent and Intake Characteristics</b>	See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.				
	<b>Table A. Conventional and Non-Conventional Pollutants</b>				
	7.1	Are you requesting a waiver from your NPDES permitting authority for one or more of the Table A pollutants for any of your outfalls?  <input type="checkbox"/> Yes <span style="margin-left: 200px;"><input checked="" type="checkbox"/> No → SKIP to Item 7.3.</span>			
	7.2	If yes, indicate the applicable outfalls below. Attach waiver request and other required information to the application.  Outfall Number _____ Outfall Number _____ Outfall Number _____			
	7.3	Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?  <input checked="" type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No; a waiver has been requested from my NPDES permitting authority for all pollutants at all outfalls.</span>			
	<b>Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants</b>				
	7.4	Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit.)  <input type="checkbox"/> Yes <span style="margin-left: 200px;"><input checked="" type="checkbox"/> No → SKIP to Item 7.8.</span>			
	7.5	Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?  <input type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No</span>			
	7.6	List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.			
		<b>Primary Industry Category</b>	<b>Required GC/MS Fraction(s)</b> (Check applicable boxes.)		
na		<input type="checkbox"/> Volatile	<input type="checkbox"/> Acid	<input type="checkbox"/> Base/Neutral	<input type="checkbox"/> Pesticide
		<input type="checkbox"/> Volatile	<input type="checkbox"/> Acid	<input type="checkbox"/> Base/Neutral	<input type="checkbox"/> Pesticide
	<input type="checkbox"/> Volatile	<input type="checkbox"/> Acid	<input type="checkbox"/> Base/Neutral	<input type="checkbox"/> Pesticide	

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Effluent and Intake Characteristics Continued	7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
	7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
	7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? <input type="checkbox"/> Yes → Note that you qualify at the top of Table B, then SKIP to Item 7.12. <input checked="" type="checkbox"/> No						
	7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
	<b>Table C. Certain Conventional and Non-Conventional Pollutants</b>							
	7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed on Table C for all outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	7.13	Have you completed Table C by providing (1) quantitative data for those pollutants that are limited either directly or indirectly in an ELG and/or (2) quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	<b>Table D. Certain Hazardous Substances and Asbestos</b>							
	7.14	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	7.15	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) by providing quantitative data, if available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	<b>Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)</b>							
	7.16	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? <input type="checkbox"/> Yes → Complete Table E. <input checked="" type="checkbox"/> No → SKIP to Section 8.						
7.17	Have you completed Table E by reporting <i>qualitative</i> data for TCDD? <input type="checkbox"/> Yes <input type="checkbox"/> No							
<b>SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(g)(9))</b>								
Used or Manufactured Toxics	8.1	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 9.						
	8.2	List the pollutants below.						
		1. please see Table 2C-8.2	4.	7.				
		2.	5.	8.				
		3.	6.	9.				

**SECTION 9. BIOLOGICAL TOXICITY TESTS (40 CFR 122.21(g)(11))**

<b>Biological Toxicity Tests</b>	9.1	Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) on a receiving water in relation to your discharge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 10.			
	9.2	Identify the tests and their purposes below.			
		<b>Test(s)</b>	<b>Purpose of Test(s)</b>	<b>Submitted to NPDES Permitting Authority?</b>	<b>Date Submitted</b>
		Outfall 001: 3-day C. dubia & 7-day P. promela	Annual Permit 2019 (perf. since 2011)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	01/07/2020
		Outfall 001: 3-day C. dubia & 7-day P. promela	Annual permit 2020	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	03/25/2020
Outfall 001: 3-day C. dubia & 7-day P. promela	Retest 2020 due to possible sample contamin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	01/05/2021		

**SECTION 10. CONTRACT ANALYSES (40 CFR 122.21(g)(12))**

<b>Contract Analyses</b>	10.1	Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 11.			
	10.2	Provide information for each contract laboratory or consulting firm below.			
			<b>Laboratory Number 1</b>	<b>Laboratory Number 2</b>	<b>Laboratory Number 3</b>
		Name of laboratory/firm	JR Reed & Associates	Fairfax Water Quality Laboratory	na
		Laboratory address	770 Pilot House Drive Newport News, VA 23606	1295 Fred Morin Dr, Herndon, VA 20170	
		Phone number	(757) 873-4703	(703) 698-5613	
Pollutant(s) analyzed	All analyses except pH, TSS, temperature, flow	pH, TSS, temperature			

**SECTION 11. ADDITIONAL INFORMATION (40 CFR 122.21(g)(13))**

<b>Additional Information</b>	11.1	Has the NPDES permitting authority requested additional information? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 12.	
	11.2	List the information requested and attach it to this application.	
		1. ATTACHMENT A Sampling, Outfall 001, 1x/5 years	4.
		2.	5.
	3.	6.	

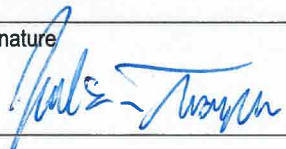
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**SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))**

Checklist and Certification Statement	12.1	In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.	
		<b>Column 1</b>	<b>Column 2</b>
	<input checked="" type="checkbox"/>	Section 1: Outfall Location	<input checked="" type="checkbox"/> w/ attachments Page 1A for additional outfalls
	<input checked="" type="checkbox"/>	Section 2: Line Drawing	<input checked="" type="checkbox"/> w/ line drawing <input type="checkbox"/> w/ additional attachments
	<input checked="" type="checkbox"/>	Section 3: Average Flows and Treatment	<input checked="" type="checkbox"/> w/ attachments <input type="checkbox"/> w/ list of each user of privately owned treatment works
	<input checked="" type="checkbox"/>	Section 4: Intermittent Flows	<input checked="" type="checkbox"/> w/ attachments
	<input checked="" type="checkbox"/>	Section 5: Production	<input type="checkbox"/> w/ attachments
	<input checked="" type="checkbox"/>	Section 6: Improvements	<input type="checkbox"/> w/ attachments <input checked="" type="checkbox"/> w/ optional additional sheets describing any additional pollution control plans
	<input checked="" type="checkbox"/>	Section 7: Effluent and Intake Characteristics	<input type="checkbox"/> w/ request for a waiver and supporting information <input type="checkbox"/> w/ explanation for identical outfalls
			<input type="checkbox"/> w/ small business exemption request <input type="checkbox"/> w/ other attachments
			<input checked="" type="checkbox"/> w/ Table A <input checked="" type="checkbox"/> w/ Table B
			<input checked="" type="checkbox"/> w/ Table C <input checked="" type="checkbox"/> w/ Table D
		<input checked="" type="checkbox"/> w/ Table E <input type="checkbox"/> w/ analytical results as an attachment	
	<input checked="" type="checkbox"/>	Section 8: Used or Manufactured Toxics	<input checked="" type="checkbox"/> w/ attachments
<input checked="" type="checkbox"/>	Section 9: Biological Toxicity Tests	<input type="checkbox"/> w/ attachments	
<input checked="" type="checkbox"/>	Section 10: Contract Analyses	<input type="checkbox"/> w/ attachments	
<input checked="" type="checkbox"/>	Section 11: Additional Information	<input checked="" type="checkbox"/> w/ attachments Permit req. Attachment A	
<input checked="" type="checkbox"/>	Section 12: Checklist and Certification Statement	<input type="checkbox"/> w/ attachments	
12.2	<p><b>Certification Statement</b></p> <p><i>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></p>		
	Name (print or type first and last name)	Official title	
	Joel L. Thompson	Director of Production	
	Signature 	Date signed 9-3-2020	

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**TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))<sup>1</sup>**

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (Optional)		
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/>	Check here if you have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.										
1.	Biochemical oxygen demand (BOD <sub>5</sub> )	<input type="checkbox"/>	Concentration	mg/L	3.4				1		
			Mass	kg/d	74.8						
2.	Chemical oxygen demand (COD)	<input type="checkbox"/>	Concentration	mg/L	14				1		
			Mass	kg/d	308						
3.	Total organic carbon (TOC)	<input type="checkbox"/>	Concentration	mg/L	5.2				1		
			Mass	kg/d	114.4						
4.	Total suspended solids (TSS)	<input type="checkbox"/>	Concentration	mg/L	2.7				1		
			Mass	kg/d	59.4						
5.	Ammonia (as N)	<input type="checkbox"/>	Concentration	mg/L	< 0.1				1		
			Mass	kg/d	< 2.2						
6.	Flow	<input type="checkbox"/>	Rate	MGD	5.8		5.8	10			
7.	Temperature (winter)	<input type="checkbox"/>	°C	°C	10.5			5			
	Temperature (summer)	<input type="checkbox"/>	°C	°C	21.5			5			
8.	pH (minimum)	<input type="checkbox"/>	Standard units	s.u.	7			10			
	pH (maximum)	<input type="checkbox"/>	Standard units	s.u.	7.8			10			

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses

Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.

**Section 1. Toxic Metals, Cyanide, and Total Phenols**

1.1	Antimony, total (7440-36-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.2	Arsenic, total (7440-38-2) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.3	Beryllium, total (7440-41-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.4	Cadmium, total (7440-43-9) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.5	Chromium, total (7440-47-3) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.003			1		
					Mass	kg/d	< 0.066					
1.6	Copper, total (7440-50-8) dissolved	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.002			1		
					Mass	kg/d	0.044					
1.7	Lead, total (7439-92-1) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.8	Mercury, total (7439-97-6) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.002			1		
					Mass	kg/d	< 0.044					
1.9	Nickel, total (7440-02-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.10	Selenium, total (7782-49-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.11					
1.11	Silver, total (7440-22-4) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.001			1		
					Mass	kg/d	< 0.002					

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
1.12	Thallium, total (7440-28-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005				1		
					Mass	kg/d	<0.11						
1.13	Zinc, total (7440-66-6) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005				1		
					Mass	kg/d	<0.11						
1.14	Cyanide, total (57-12-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005				1		
					Mass	kg/d	<0.11						
1.15	Phenols, total	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						

**Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)**

2.1	Acrolein (107-02-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<10				1		
					Mass	kg/d	<0.22						
2.2	Acrylonitrile (107-13-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<50				1		
					Mass	kg/d	<1.1						
2.3	Benzene (71-43-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.4	Bromoform (75-25-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.5	Carbon tetrachloride (56-23-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.6	Chlorobenzene (108-90-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.7	Chlorodibromomethane (124-48-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.8	Chloroethane (75-00-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	na				0		
					Mass	kg/d	na						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	na			0		
					Mass						
2.10	Chloroform (67-66-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		
					Mass	kg/d	<0.11				
2.11	Dichlorobromomethane (75-27-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.12	1,1-dichloroethane (75-34-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na		0		0
					Mass						
2.13	1,2-dichloroethane (107-06-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.14	1,1-dichloroethylene (75-35-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.15	1,2-dichloropropane (78-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.16	1,3-dichloropropylene (542-75-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<10		1		1
					Mass	kg/d	<0.22				
2.17	Ethylbenzene (100-41-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.18	Methyl bromide (74-83-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.19	Methyl chloride (74-87-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na		0		0
					Mass						
2.20	Methylene chloride (75-09-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				
2.21	1,1,2,2- tetrachloroethane (79-34-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5		1		1
					Mass	kg/d	<0.11				

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.22	Tetrachloroethylene (127-18-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.23	Toluene (108-88-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.24	1,2-trans-dichloroethylene (156-60-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.25	1,1,1-trichloroethane (71-55-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass								
2.26	1,1,2-trichloroethane (79-00-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.27	Trichloroethylene (79-01-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
2.28	Vinyl chloride (75-01-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
<b>Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)</b>													
3.1	2-chlorophenol (95-57-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
3.2	2,4-dichlorophenol (120-83-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
3.3	2,4-dimethylphenol (105-67-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
3.4	4,6-dinitro-o-cresol (534-52-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
3.5	2,4-dinitrophenol (51-28-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<20				1		
					Mass	kg/d	<0.44						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
3.6	2-nitrophenol (88-75-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
3.7	4-nitrophenol (100-02-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
3.8	p-chloro-m-cresol (59-50-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
3.9	Pentachlorophenol (87-86-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11	<0.11					
3.10	Phenol (108-95-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
3.11	2,4,6-trichlorophenol (88-05-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
<b>Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)</b>													
4.1	Acenaphthene (83-32-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.2	Acenaphthylene (208-96-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.3	Anthracene (120-12-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.4	Benzidine (92-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<10				1		
					Mass	kg/d	<0.22						
4.5	Benzo (a) anthracene (56-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.6	Benzo (a) pyrene (50-32-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.7	3,4-benzofluoranthene (205-99-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.8	Benzo (ghi) perylene (191-24-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.9	Benzo (k) fluoranthene (207-08-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				0		
					Mass	kg/d	<0.11						
4.10	Bis (2-chloroethoxy) methane (111-91-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.11	Bis (2-chloroethyl) ether (111-44-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.14	4-bromophenyl phenyl ether (101-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.15	Butyl benzyl phthalate (85-68-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.16	2-chloronaphthalene (91-58-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.17	4-chlorophenyl phenyl ether (7005-72-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.18	Chrysene (218-01-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						
4.19	Dibenzo (a,h) anthracene (53-70-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	<5				1		
					Mass	kg/d	<0.11						



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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.20	1,2-dichlorobenzene (95-50-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.21	1,3-dichlorobenzene (541-73-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.22	1,4-dichlorobenzene (106-46-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.23	3,3-dichlorobenzidine (91-94-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.24	Diethyl phthalate (84-66-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.25	Dimethyl phthalate (131-11-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.26	Di-n-butyl phthalate (84-74-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.27	2,4-dinitrotoluene (121-14-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.28	2,6-dinitrotoluene (606-20-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.29	Di-n-octyl phthalate (117-84-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.31	Fluoranthene (206-44-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.32	Fluorene (86-73-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.33	Hexachlorobenzene (118-74-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.34	Hexachlorobutadiene (87-68-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.35	Hexachlorocyclopentadiene (77-47-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.36	Hexachloroethane (67-72-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.38	Isophorone (78-59-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.39	Naphthalene (91-20-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.40	Nitrobenzene (98-95-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.41	N-nitrosodimethylamine (62-75-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.42	N-nitrosodi-n-propylamine (621-64-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.43	N-nitrosodiphenylamine (86-30-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						
4.44	Phenanthrene (85-01-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
4.45	Pyrene (129-00-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		
					Mass	kg/d	< 0.11						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.46	1,2,4-trichlorobenzene (120-82-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 5				1		1
					Mass	kg/d	< 0.11						
<b>Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)</b>													
5.1	Aldrin (309-00-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.2	α-BHC (319-84-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.3	β-BHC (319-85-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.4	γ-BHC (58-89-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.5	δ-BHC (319-86-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.6	Chlordane (57-74-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.2				1		
					Mass	kg/d	< 0.004						
5.7	4,4'-DDT (50-29-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.8	4,4'-DDE (72-55-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.9	4,4'-DDD (72-54-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.10	Dieldrin (60-57-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.11	α-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.12	β-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.13	Endosulfan sulfate (1031-07-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.14	Endrin (72-20-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.15	Endrin aldehyde (7421-93-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.16	Heptachlor (76-44-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.17	Heptachlor epoxide (1024-57-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05				1		
					Mass	kg/d	< 0.001						
5.18	PCB-1242 (53469-21-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.05	total	PCBs		1		
					Mass	kg/d	< 0.001						
5.19	PCB-1254 (11097-69-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.20	PCB-1221 (11104-28-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.21	PCB-1232 (11141-16-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.22	PCB-1248 (12672-29-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.23	PCB-1260 (11096-82-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.24	PCB-1016 (12674-11-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.25	Toxaphene (8001-35-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	< 0.5				1		1
					Mass	kg/d	< 0.11						

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)	
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>present</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.									
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>absent</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.									
1. Bromide (24959-67-9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 1			1	
			Mass	kg/d	< 22				
2. Chlorine, total residual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	< 0.01			1	
			Mass	kg/d	< 0.22				
3. Color	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	PCU	10			1	
			Mass		na				
4. Fecal coliform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	MPN/100l	1	e-Coli done		1	
			Mass		na				
5. Fluoride (16984-48-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.13			1	
			Mass	kg/d	2.86				
6. Nitrate-nitrite	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	1.29			3	
			Mass	kg/d	28.4				
7. Nitrogen, total organic (as N)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	1.6			3	
			Mass	kg/d	35.2				
8. Oil and grease	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 5			1	
			Mass	kg/d	< 110				
9. Phosphorus (as P), total (7723-14-0)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 0.1			1	
			Mass	kg/d	< 2.2				
10. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	21			1	
			Mass	kg/d	462				
11. Sulfide (as S)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0	
			Mass		na				

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
12.	Sulfite (as SO <sub>3</sub> ) (14265-45-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
13.	Surfactants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
14.	Aluminum, total (7429-90-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.582			1		
				Mass	kg/d	12.85					
15.	Barium, total (7440-39-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
16.	Boron, total (7440-42-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
17.	Cobalt, total (7440-48-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
18.	Iron, total (7439-89-6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.044			1		
				Mass	kg/d	0.97					
19.	Magnesium, total (7439-95-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
20.	Molybdenum, total (7439-98-7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
21.	Manganese, total (7439-96-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.046			1		
				Mass	kg/d	1.01					
22.	Tin, total (7440-31-5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
23.	Titanium, total (7440-32-6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					



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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<b>24. Radioactivity</b>										
Alpha, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		0
			Mass		na					
Beta, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium 226, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		see ATTACHMENT A data
2.	Acetaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3.	Allyl alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4.	Allyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5.	Amyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6.	Aniline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7.	Benzonitrile	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8.	Benzyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
9.	Butyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
10.	Butylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
11.	Captan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
12.	Carbaryl	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
13.	Carbofuran	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
14.	Carbon disulfide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
15.	Chlorpyrifos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 0.2 ug/L 05/27/2020
16.	Coumaphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
17.	Cresol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
18.	Crotonaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
19.	Cyclohexane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
21.	Diazinon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 1 ug/L 05/27/2020
22.	Dicamba	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
23.	Dichlobenil	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
24.	Dichlone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
25.	2,2-dichloropropionic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
26.	Dichlorvos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
27.	Diethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
28.	Dimethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
29.	Dinitrobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
30.	Diquat	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
31.	Disulfoton	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
32.	Diuron	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
33.	Epichlorohydrin	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
34.	Ethion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
35.	Ethylene diamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
36.	Ethylene dibromide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
37.	Formaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
38.	Furfural	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 1 ug/L 05/27/2020
40.	Isoprene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
41.	Isopropanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
42.	Kelthane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
43.	Kepone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 5 ug/L 05/27/2020
44.	Malathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 1 ug/L 05/27/2020
45.	Mercaptodimethur	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
46.	Methoxychlor	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 0.05 ug/L 05/27/2020
47.	Methyl mercaptan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
48.	Methyl methacrylate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
49.	Methyl parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
50.	Mevinphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
51.	Mexacarbate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
52.	Monoethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
53.	Monomethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
54.	Naled	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
55.	Naphthenic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
56.	Nitrotoluene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
57.	Parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		< 1 ug/L 05/27/2020

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
59.	Phosgene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
60.	Propargite	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
61.	Propylene oxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
62.	Pyrethrins	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
63.	Quinoline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
64.	Resorcinol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
65.	Strontium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
66.	Strychnine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
67.	Styrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
69.	TDE (tetrachlorodiphenyl ethane)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
71.	Trichlorofon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
72.	Triethanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
73.	Triethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
74.	Trimethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
75.	Uranium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
76.	Vanadium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
78.	Xylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
79.	Xylenol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
80.	Zirconium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))**

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Click to go back to the beginning of Form

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**TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))<sup>1</sup>**

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (Optional)		
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/>	Check here if you have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.										
1.	Biochemical oxygen demand (BOD <sub>5</sub> )	<input type="checkbox"/>	Concentration	mg/L	7.7				1		
			Mass	kg/d	0.17						
2.	Chemical oxygen demand (COD)	<input type="checkbox"/>	Concentration	mg/L	< 10				1		
			Mass	kg/d	< 0.23						
3.	Total organic carbon (TOC)	<input type="checkbox"/>	Concentration	mg/L	5.5.				1		
			Mass	kg/d	0.12						
4.	Total suspended solids (TSS)	<input type="checkbox"/>	Concentration	mg/L	4				1		
			Mass	kg/d	0.09						
5.	Ammonia (as N)	<input type="checkbox"/>	Concentration	mg/L	0.14				1		
			Mass	kg/d	0.003						
6.	Flow	<input type="checkbox"/>	Rate	MGD	0.006				10		
7.	Temperature (winter)	<input type="checkbox"/>	°C	°C	8.7				5		
	Temperature (summer)	<input type="checkbox"/>	°C	°C	21				5		
8.	pH (minimum)	<input type="checkbox"/>	Standard units	s.u.	7.2				10		
	pH (maximum)	<input type="checkbox"/>	Standard units	s.u.	7.8				10		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
<input type="checkbox"/>	Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.											
<b>Section 1. Toxic Metals, Cyanide, and Total Phenols</b>												
1.1	Antimony, total (7440-36-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.2	Arsenic, total (7440-38-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.3	Beryllium, total (7440-41-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.4	Cadmium, total (7440-43-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.5	Chromium, total (7440-47-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.6	Copper, total (7440-50-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.002			1		
					Mass	kg/d	4.5x10 <sup>-5</sup>					
1.7	Lead, total (7439-92-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.8	Mercury, total (7439-97-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.9	Nickel, total (7440-02-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.10	Selenium, total (7782-49-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.11	Silver, total (7440-22-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
1.12	Thallium, total (7440-28-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na				0		
					Mass	kg/d	na						
1.13	Zinc, total (7440-66-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005				1		
					Mass	kg/d	<0.0001						
1.14	Cyanide, total (57-12-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na				0		
					Mass	kg/d	na						
1.15	Phenols, total	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	na				0		
					Mass	kg/d	na						

**Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)**

2.1	Acrolein (107-02-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.2	Acrylonitrile (107-13-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.3	Benzene (71-43-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.4	Bromoform (75-25-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.5	Carbon tetrachloride (56-23-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.6	Chlorobenzene (108-90-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.7	Chlorodibromomethane (124-48-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.8	Chloroethane (75-00-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.9	2-chloroethylvinyl ether (110-75-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
2.10	Chloroform (67-66-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.11	Dichlorobromomethane (75-27-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.12	1,1-dichloroethane (75-34-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		0
					Mass								
2.13	1,2-dichloroethane (107-06-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.14	1,1-dichloroethylene (75-35-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.15	1,2-dichloropropane (78-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.16	1,3-dichloropropylene (542-75-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.17	Ethylbenzene (100-41-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.18	Methyl bromide (74-83-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.19	Methyl chloride (74-87-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		0
					Mass								
2.20	Methylene chloride (75-09-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.21	1,1,2,2- tetrachloroethane (79-34-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.22	Tetrachloroethylene (127-18-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.23	Toluene (108-88-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.24	1,2-trans-dichloroethylene (156-60-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.25	1,1,1-trichloroethane (71-55-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
2.26	1,1,2-trichloroethane (79-00-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.27	Trichloroethylene (79-01-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.28	Vinyl chloride (75-01-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)</b>													
3.1	2-chlorophenol (95-57-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.2	2,4-dichlorophenol (120-83-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.3	2,4-dimethylphenol (105-67-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.4	4,6-dinitro-o-cresol (534-52-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.5	2,4-dinitrophenol (51-28-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
3.6	2-nitrophenol (88-75-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.7	4-nitrophenol (100-02-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.8	p-chloro-m-cresol (59-50-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.9	Pentachlorophenol (87-86-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.10	Phenol (108-95-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.11	2,4,6-trichlorophenol (88-05-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)</b>													
4.1	Acenaphthene (83-32-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.2	Acenaphthylene (208-96-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.3	Anthracene (120-12-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.4	Benzidine (92-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.5	Benzo (a) anthracene (56-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.6	Benzo (a) pyrene (50-32-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							



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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.7	3,4-benzofluoranthene (205-99-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.8	Benzo (ghi) perylene (191-24-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.9	Benzo (k) fluoranthene (207-08-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.11	Bis (2-chloroethyl) ether (111-44-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.14	4-bromophenyl phenyl ether (101-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.15	Butyl benzyl phthalate (85-68-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.16	2-chloronaphthalene (91-58-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.18	Chrysene (218-01-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.19	Dibenzo (a,h) anthracene (53-70-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.20	1,2-dichlorobenzene (95-50-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.21	1,3-dichlorobenzene (541-73-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.22	1,4-dichlorobenzene (106-46-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.23	3,3-dichlorobenzidine (91-94-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.24	Diethyl phthalate (84-66-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.25	Dimethyl phthalate (131-11-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.26	Di-n-butyl phthalate (84-74-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.27	2,4-dinitrotoluene (121-14-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.28	2,6-dinitrotoluene (606-20-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.29	Di-n-octyl phthalate (117-84-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.31	Fluoranthene (206-44-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.32	Fluorene (86-73-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.33	Hexachlorobenzene (118-74-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.34	Hexachlorobutadiene (87-68-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.35	Hexachlorocyclopentadiene (77-47-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.36	Hexachloroethane (67-72-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.38	Isophorone (78-59-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.39	Naphthalene (91-20-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.40	Nitrobenzene (98-95-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.41	N-nitrosodimethylamine (62-75-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.42	N-nitrosodi-n-propylamine (621-64-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.43	N-nitrosodiphenylamine (86-30-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.44	Phenanthrene (85-01-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.45	Pyrene (129-00-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.46	1,2,4-trichlorobenzene (120-82-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
<b>Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)</b>													
5.1	Aldrin (309-00-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.2	α-BHC (319-84-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.3	β-BHC (319-85-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.4	γ-BHC (58-89-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.5	δ-BHC (319-86-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
5.6	Chlordane (57-74-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.7	4,4'-DDT (50-29-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.8	4,4'-DDE (72-55-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.9	4,4'-DDD (72-54-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.10	Dieldrin (60-57-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.11	α-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.12	β-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.13	Endosulfan sulfate (1031-07-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.14	Endrin (72-20-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.15	Endrin aldehyde (7421-93-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.16	Heptachlor (76-44-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.17	Heptachlor epoxide (1024-57-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.18	PCB-1242 (53469-21-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.19	PCB-1254 (11097-69-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.20	PCB-1221 (11104-28-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.21	PCB-1232 (11141-16-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.22	PCB-1248 (12672-29-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.23	PCB-1260 (11096-82-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.24	PCB-1016 (12674-11-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.25	Toxaphene (8001-35-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>present</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>absent</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
1. Bromide (24959-67-9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 1			1		
			Mass	kg/d	< 0.023					
2. Chlorine, total residual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
3. Color	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	PCU	30			1		
			Mass		na					
4. Fecal coliform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	MPN/100l	<1	e-Coli done		1		
			Mass		na					
5. Fluoride (16984-48-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.1			1		
			Mass	kg/d	0.002					
6. Nitrate-nitrite	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
7. Nitrogen, total organic (as N)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
8. Oil and grease	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
9. Phosphorus (as P), total (7723-14-0)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 0.1			1		
			Mass	kg/d	< 0.002					
10. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	14.1			1		
			Mass	kg/d	0.32					
11. Sulfide (as S)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					



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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
12.	Sulfite (as SO <sub>3</sub> ) (14265-45-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
13.	Surfactants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
14.	Aluminum, total (7429-90-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.121			1		
				Mass	kg/d	0.003					
15.	Barium, total (7440-39-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
16.	Boron, total (7440-42-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
17.	Cobalt, total (7440-48-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
18.	Iron, total (7439-89-6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.35			1		
				Mass	kg/d	0.008					
19.	Magnesium, total (7439-95-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
20.	Molybdenum, total (7439-98-7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
21.	Manganese, total (7439-96-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.353			1		
				Mass	kg/d	0.008					
22.	Tin, total (7440-31-5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
23.	Titanium, total (7440-32-6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<b>24. Radioactivity</b>										
Alpha, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		0
			Mass		na					
Beta, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium 226, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.	Acetaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3.	Allyl alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4.	Allyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5.	Amyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6.	Aniline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7.	Benzonitrile	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8.	Benzyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
9.	Butyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
10.	Butylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
11.	Captan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
12.	Carbaryl	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
13.	Carbofuran	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
14.	Carbon disulfide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
15.	Chlorpyrifos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
16.	Coumaphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
17.	Cresol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
18.	Crotonaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
19.	Cyclohexane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
21.	Diazinon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
22.	Dicamba	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
23.	Dichlobenil	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
24.	Dichlone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
25.	2,2-dichloropropionic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
26.	Dichlorvos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
27.	Diethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
28.	Dimethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
29.	Dinitrobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
30.	Diquat	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
31.	Disulfoton	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
32.	Diuron	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
33.	Epichlorohydrin	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
34.	Ethion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
35.	Ethylene diamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
36.	Ethylene dibromide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
37.	Formaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
38.	Furfural	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
40.	Isoprene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
41.	Isopropanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
42.	Kelthane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
43.	Kepone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
44.	Malathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
45.	Mercaptodimethur	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
46.	Methoxychlor	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
47.	Methyl mercaptan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
48.	Methyl methacrylate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
49.	Methyl parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
50.	Mevinphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
51.	Mexacarbate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
52.	Monoethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
53.	Monomethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
54.	Naled	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
55.	Naphthenic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
56.	Nitrotoluene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
57.	Parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
59.	Phosgene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
60.	Propargite	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
61.	Propylene oxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
62.	Pyrethrins	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
63.	Quinoline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
64.	Resorcinol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
65.	Strontium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
66.	Strychnine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
67.	Styrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
69.	TDE (tetrachlorodiphenyl ethane)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
71.	Trichlorofon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
72.	Triethanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
73.	Triethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
74.	Trimethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
75.	Uranium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
76.	Vanadium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
78.	Xylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
79.	Xylenol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
80.	Zirconium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).



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**TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))**

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Click to go back to the beginning of Form

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**TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))<sup>1</sup>**

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (Optional)		
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/>	Check here if you have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.										
1.	Biochemical oxygen demand (BOD <sub>5</sub> )	<input type="checkbox"/>	Concentration	mg/L	3.4				1		
			Mass	kg/d	0.09						
2.	Chemical oxygen demand (COD)	<input type="checkbox"/>	Concentration	mg/L	13				1		
			Mass	kg/d	0.34						
3.	Total organic carbon (TOC)	<input type="checkbox"/>	Concentration	mg/L	5.5				1		
			Mass	kg/d	0.15						
4.	Total suspended solids (TSS)	<input type="checkbox"/>	Concentration	mg/L	11				10		
			Mass	kg/d	0.29						
5.	Ammonia (as N)	<input type="checkbox"/>	Concentration	mg/L	0.13				1		
			Mass	kg/d	0.003						
6.	Flow	<input type="checkbox"/>	Rate	MGD	0.007				10		
7.	Temperature (winter)	<input type="checkbox"/>	°C	°C	10.3				5		
	Temperature (summer)	<input type="checkbox"/>	°C	°C	21.4				5		
8.	pH (minimum)	<input type="checkbox"/>	Standard units	s.u.	6.9				10		
	pH (maximum)	<input type="checkbox"/>	Standard units	s.u.	7.7				10		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses

Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.

**Section 1. Toxic Metals, Cyanide, and Total Phenols**

1.1	Antimony, total (7440-36-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.2	Arsenic, total (7440-38-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.3	Beryllium, total (7440-41-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.4	Cadmium, total (7440-43-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.5	Chromium, total (7440-47-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.6	Copper, total (7440-50-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.004			1		
					Mass	kg/d	0.0001					
1.7	Lead, total (7439-92-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.8	Mercury, total (7439-97-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.9	Nickel, total (7440-02-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.10	Selenium, total (7782-49-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.11	Silver, total (7440-22-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.13	Zinc, total (7440-66-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005			1		
					Mass	kg/d	<0.0001					
1.14	Cyanide, total (57-12-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.15	Phenols, total	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	na			0		
					Mass	kg/d	na					

**Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)**

2.1	Acrolein (107-02-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.2	Acrylonitrile (107-13-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.3	Benzene (71-43-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.4	Bromoform (75-25-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.5	Carbon tetrachloride (56-23-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.6	Chlorobenzene (108-90-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.7	Chlorodibromomethane (124-48-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.8	Chloroethane (75-00-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.9	2-chloroethylvinyl ether (110-75-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration					0		
					Mass							
2.10	Chloroform (67-66-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		
					Mass	kg/d						
2.11	Dichlorobromomethane (75-27-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.12	1,1-dichloroethane (75-34-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration					0		0
					Mass							
2.13	1,2-dichloroethane (107-06-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.14	1,1-dichloroethylene (75-35-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.15	1,2-dichloropropane (78-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.16	1,3-dichloropropylene (542-75-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.17	Ethylbenzene (100-41-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.18	Methyl bromide (74-83-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.19	Methyl chloride (74-87-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration					0		0
					Mass							
2.20	Methylene chloride (75-09-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						
2.21	1,1,2,2- tetrachloroethane (79-34-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L				0		0
					Mass	kg/d						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.22	Tetrachloroethylene (127-18-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.23	Toluene (108-88-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.24	1,2-trans-dichloroethylene (156-60-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.25	1,1,1-trichloroethane (71-55-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
2.26	1,1,2-trichloroethane (79-00-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.27	Trichloroethylene (79-01-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.28	Vinyl chloride (75-01-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)</b>													
3.1	2-chlorophenol (95-57-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.2	2,4-dichlorophenol (120-83-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.3	2,4-dimethylphenol (105-67-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.4	4,6-dinitro-o-cresol (534-52-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.5	2,4-dinitrophenol (51-28-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							



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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
3.6	2-nitrophenol (88-75-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.7	4-nitrophenol (100-02-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.8	p-chloro-m-cresol (59-50-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.9	Pentachlorophenol (87-86-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.10	Phenol (108-95-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.11	2,4,6-trichlorophenol (88-05-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)</b>													
4.1	Acenaphthene (83-32-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.2	Acenaphthylene (208-96-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.3	Anthracene (120-12-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.4	Benzidine (92-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.5	Benzo (a) anthracene (56-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.6	Benzo (a) pyrene (50-32-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.7	3,4-benzofluoranthene (205-99-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.8	Benzo (ghi) perylene (191-24-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.9	Benzo (k) fluoranthene (207-08-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.11	Bis (2-chloroethyl) ether (111-44-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.14	4-bromophenyl phenyl ether (101-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.15	Butyl benzyl phthalate (85-68-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.16	2-chloronaphthalene (91-58-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.18	Chrysene (218-01-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.19	Dibenzo (a,h) anthracene (53-70-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.20	1,2-dichlorobenzene (95-50-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.21	1,3-dichlorobenzene (541-73-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.22	1,4-dichlorobenzene (106-46-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.23	3,3-dichlorobenzidine (91-94-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.24	Diethyl phthalate (84-66-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.25	Dimethyl phthalate (131-11-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.26	Di-n-butyl phthalate (84-74-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.27	2,4-dinitrotoluene (121-14-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.28	2,6-dinitrotoluene (606-20-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.29	Di-n-octyl phthalate (117-84-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.31	Fluoranthene (206-44-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.32	Fluorene (86-73-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.33	Hexachlorobenzene (118-74-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.34	Hexachlorobutadiene (87-68-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.35	Hexachlorocyclopentadiene (77-47-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.36	Hexachloroethane (67-72-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.38	Isophorone (78-59-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.39	Naphthalene (91-20-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.40	Nitrobenzene (98-95-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.41	N-nitrosodimethylamine (62-75-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.42	N-nitrosodi-n-propylamine (621-64-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.43	N-nitrosodiphenylamine (86-30-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.44	Phenanthrene (85-01-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.45	Pyrene (129-00-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.46	1,2,4-trichlorobenzene (120-82-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
<b>Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)</b>													
5.1	Aldrin (309-00-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.2	α-BHC (319-84-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.3	β-BHC (319-85-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.4	γ-BHC (58-89-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.5	δ-BHC (319-86-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
5.6	Chlordane (57-74-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.7	4,4'-DDT (50-29-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.8	4,4'-DDE (72-55-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.9	4,4'-DDD (72-54-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.10	Dieldrin (60-57-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.11	α-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.12	β-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.13	Endosulfan sulfate (1031-07-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.14	Endrin (72-20-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.15	Endrin aldehyde (7421-93-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.16	Heptachlor (76-44-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.17	Heptachlor epoxide (1024-57-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.18	PCB-1242 (53469-21-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.19	PCB-1254 (11097-69-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.20	PCB-1221 (11104-28-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.21	PCB-1232 (11141-16-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.22	PCB-1248 (12672-29-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.23	PCB-1260 (11096-82-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.24	PCB-1016 (12674-11-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.25	Toxaphene (8001-35-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>present</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>absent</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
1. Bromide (24959-67-9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 1			1		
			Mass	kg/d	< 0.026					
2. Chlorine, total residual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
3. Color	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	PCU	30			1		
			Mass		na					
4. Fecal coliform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	MPN/100l	<1	e-Coli done		1		
			Mass		na					
5. Fluoride (16984-48-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.1			1		
			Mass	kg/d	0.003					
6. Nitrate-nitrite	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
7. Nitrogen, total organic (as N)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
8. Oil and grease	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
9. Phosphorus (as P), total (7723-14-0)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 0.1			1		
			Mass	kg/d	< 0.003					
10. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	14.2			1		
			Mass	kg/d	0.38					
11. Sulfide (as S)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
12.	Sulfite (as SO <sub>3</sub> ) (14265-45-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
13.	Surfactants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
14.	Aluminum, total (7429-90-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.084			1		
				Mass	kg/d	0.002					
15.	Barium, total (7440-39-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
16.	Boron, total (7440-42-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
17.	Cobalt, total (7440-48-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
18.	Iron, total (7439-89-6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.249			1		
				Mass	kg/d	0.007					
19.	Magnesium, total (7439-95-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
20.	Molybdenum, total (7439-98-7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
21.	Manganese, total (7439-96-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.161			1		
				Mass	kg/d	0.004					
22.	Tin, total (7440-31-5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
23.	Titanium, total (7440-32-6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<b>24. Radioactivity</b>										
Alpha, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		0
			Mass		na					
Beta, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium 226, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.	Acetaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3.	Allyl alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4.	Allyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5.	Amyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6.	Aniline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7.	Benzonitrile	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8.	Benzyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
9.	Butyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
10.	Butylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
11.	Captan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
12.	Carbaryl	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
13.	Carbofuran	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
14.	Carbon disulfide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
15.	Chlorpyrifos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
16.	Coumaphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
17.	Cresol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
18.	Crotonaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
19.	Cyclohexane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
21.	Diazinon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
22.	Dicamba	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
23.	Dichlobenil	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
24.	Dichlone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
25.	2,2-dichloropropionic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
26.	Dichlorvos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
27.	Diethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
28.	Dimethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
29.	Dinitrobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
30.	Diquat	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
31.	Disulfoton	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
32.	Diuron	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
33.	Epichlorohydrin	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
34.	Ethion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
35.	Ethylene diamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
36.	Ethylene dibromide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
37.	Formaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
38.	Furfural	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
40.	Isoprene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
41.	Isopropanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
42.	Kelthane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
43.	Kepone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
44.	Malathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
45.	Mercaptodimethur	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
46.	Methoxychlor	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
47.	Methyl mercaptan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
48.	Methyl methacrylate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
49.	Methyl parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
50.	Mevinphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
51.	Mexacarbate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
52.	Monoethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
53.	Monomethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
54.	Naled	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
55.	Naphthenic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
56.	Nitrotoluene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
57.	Parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
59.	Phosgene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
60.	Propargite	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
61.	Propylene oxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
62.	Pyrethrins	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
63.	Quinoline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
64.	Resorcinol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
65.	Strontium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
66.	Strychnine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
67.	Styrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
69.	TDE (tetrachlorodiphenyl ethane)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
71.	Trichlorofon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
72.	Triethanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
73.	Triethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
74.	Trimethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
75.	Uranium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
76.	Vanadium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		



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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
78.	Xylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
79.	Xylenol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
80.	Zirconium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))**

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Click to go back to the beginning of Form

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**TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))<sup>1</sup>**

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (Optional)	
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
<input type="checkbox"/>	Check here if you have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.									
1.	Biochemical oxygen demand (BOD <sub>5</sub> )	<input type="checkbox"/>	Concentration	mg/L	4			1		
			Mass	kg/d	15.1					
2.	Chemical oxygen demand (COD)	<input type="checkbox"/>	Concentration	mg/L	15			1		
			Mass	kg/d	56.7					
3.	Total organic carbon (TOC)	<input type="checkbox"/>	Concentration	mg/L	6.2			1		
			Mass	kg/d	23					
4.	Total suspended solids (TSS)	<input type="checkbox"/>	Concentration	mg/L	21			10		
			Mass	kg/d	79					
5.	Ammonia (as N)	<input type="checkbox"/>	Concentration	mg/L	0.11			1		
			Mass	kg/d	0.42					
6.	Flow	<input type="checkbox"/>	Rate	MGD	1	at most 5x/year		4		
7.	Temperature (winter)	<input type="checkbox"/>	°C	°C	10.5			5		
	Temperature (summer)	<input type="checkbox"/>	°C	°C	20.8			5		
8.	pH (minimum)	<input type="checkbox"/>	Standard units	s.u.	6.7			10		
	pH (maximum)	<input type="checkbox"/>	Standard units	s.u.	7.7			10		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses

Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.

**Section 1. Toxic Metals, Cyanide, and Total Phenols**

1.1	Antimony, total (7440-36-0) dissolved	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.2	Arsenic, total (7440-38-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.3	Beryllium, total (7440-41-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.4	Cadmium, total (7440-43-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.5	Chromium, total (7440-47-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.6	Copper, total (7440-50-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.002			1		
					Mass	kg/d	0.008					
1.7	Lead, total (7439-92-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.8	Mercury, total (7439-97-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.9	Nickel, total (7440-02-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.10	Selenium, total (7782-49-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					
1.11	Silver, total (7440-22-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na			0		
					Mass	kg/d	na					

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
1.12	Thallium, total (7440-28-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na				0		
					Mass	kg/d	na						
1.13	Zinc, total (7440-66-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	<0.005				1		
					Mass	kg/d	<0.019						
1.14	Cyanide, total (57-12-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	na				0		
					Mass	kg/d	na						
1.15	Phenols, total	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L	na				0		
					Mass	kg/d	na						

**Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)**

2.1	Acrolein (107-02-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.2	Acrylonitrile (107-13-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.3	Benzene (71-43-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.4	Bromoform (75-25-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.5	Carbon tetrachloride (56-23-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.6	Chlorobenzene (108-90-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.7	Chlorodibromomethane (124-48-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.8	Chloroethane (75-00-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.9	2-chloroethylvinyl ether (110-75-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
2.10	Chloroform (67-66-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.11	Dichlorobromomethane (75-27-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.12	1,1-dichloroethane (75-34-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		0
					Mass								
2.13	1,2-dichloroethane (107-06-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.14	1,1-dichloroethylene (75-35-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.15	1,2-dichloropropane (78-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.16	1,3-dichloropropylene (542-75-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.17	Ethylbenzene (100-41-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.18	Methyl bromide (74-83-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.19	Methyl chloride (74-87-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		0
					Mass								
2.20	Methylene chloride (75-09-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
2.21	1,1,2,2- tetrachloroethane (79-34-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							



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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
2.22	Tetrachloroethylene (127-18-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.23	Toluene (108-88-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.24	1,2-trans-dichloroethylene (156-60-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.25	1,1,1-trichloroethane (71-55-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
2.26	1,1,2-trichloroethane (79-00-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.27	Trichloroethylene (79-01-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
2.28	Vinyl chloride (75-01-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)</b>													
3.1	2-chlorophenol (95-57-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.2	2,4-dichlorophenol (120-83-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.3	2,4-dimethylphenol (105-67-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.4	4,6-dinitro-o-cresol (534-52-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.5	2,4-dinitrophenol (51-28-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
3.6	2-nitrophenol (88-75-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.7	4-nitrophenol (100-02-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.8	p-chloro-m-cresol (59-50-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
3.9	Pentachlorophenol (87-86-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.10	Phenol (108-95-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
3.11	2,4,6-trichlorophenol (88-05-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
<b>Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)</b>													
4.1	Acenaphthene (83-32-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.2	Acenaphthylene (208-96-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.3	Anthracene (120-12-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.4	Benzidine (92-87-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.5	Benzo (a) anthracene (56-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.6	Benzo (a) pyrene (50-32-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.7	3,4-benzofluoranthene (205-99-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.8	Benzo (ghi) perylene (191-24-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.9	Benzo (k) fluoranthene (207-08-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.11	Bis (2-chloroethyl) ether (111-44-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.14	4-bromophenyl phenyl ether (101-55-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.15	Butyl benzyl phthalate (85-68-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.16	2-chloronaphthalene (91-58-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.18	Chrysene (218-01-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.19	Dibenzo (a,h) anthracene (53-70-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.20	1,2-dichlorobenzene (95-50-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.21	1,3-dichlorobenzene (541-73-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.22	1,4-dichlorobenzene (106-46-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.23	3,3-dichlorobenzidine (91-94-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.24	Diethyl phthalate (84-66-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.25	Dimethyl phthalate (131-11-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.26	Di-n-butyl phthalate (84-74-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.27	2,4-dinitrotoluene (121-14-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.28	2,6-dinitrotoluene (606-20-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.29	Di-n-octyl phthalate (117-84-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.31	Fluoranthene (206-44-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.32	Fluorene (86-73-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.33	Hexachlorobenzene (118-74-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.34	Hexachlorobutadiene (87-68-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.35	Hexachlorocyclopentadiene (77-47-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.36	Hexachloroethane (67-72-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.38	Isophorone (78-59-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.39	Naphthalene (91-20-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.40	Nitrobenzene (98-95-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.41	N-nitrosodimethylamine (62-75-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.42	N-nitrosodi-n-propylamine (621-64-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.43	N-nitrosodiphenylamine (86-30-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
4.44	Phenanthrene (85-01-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
4.45	Pyrene (129-00-0)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
4.46	1,2,4-trichlorobenzene (120-82-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							
<b>Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)</b>													
5.1	Aldrin (309-00-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.2	α-BHC (319-84-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.3	β-BHC (319-85-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.4	γ-BHC (58-89-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.5	δ-BHC (319-86-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration						0		
					Mass								
5.6	Chlordane (57-74-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.7	4,4'-DDT (50-29-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.8	4,4'-DDE (72-55-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.9	4,4'-DDD (72-54-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.10	Dieldrin (60-57-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.11	α-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.12	β-endosulfan (115-29-7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.13	Endosulfan sulfate (1031-07-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.14	Endrin (72-20-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.15	Endrin aldehyde (7421-93-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.16	Heptachlor (76-44-8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.17	Heptachlor epoxide (1024-57-3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.18	PCB-1242 (53469-21-9)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		
					Mass	kg/d							
5.19	PCB-1254 (11097-69-1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.20	PCB-1221 (11104-28-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.21	PCB-1232 (11141-16-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.22	PCB-1248 (12672-29-6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.23	PCB-1260 (11096-82-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						
5.24	PCB-1016 (12674-11-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na				0		
					Mass		na						

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**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))<sup>1</sup>**

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)		
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
5.25	Toxaphene (8001-35-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	ug/L					0		0
					Mass	kg/d							

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).



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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>present</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
<input type="checkbox"/> Check here if you believe all pollutants on Table C to be <b>absent</b> in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.										
1. Bromide (24959-67-9)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 1			1		
			Mass	kg/d	< 4					
2. Chlorine, total residual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
3. Color	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	PCU	80			1		
			Mass		na					
4. Fecal coliform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	MPN/100l	<1	e-Coli done		1		
			Mass		na					
5. Fluoride (16984-48-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.1			1		
			Mass	kg/d	0.4					
6. Nitrate-nitrite	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
7. Nitrogen, total organic (as N)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
8. Oil and grease	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L				0		
			Mass	kg/d						
9. Phosphorus (as P), total (7723-14-0)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration	mg/L	< 0.1			1		
			Mass	kg/d	< 0.4					
10. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	14.2			1		
			Mass	kg/d	54					
11. Sulfide (as S)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
12.	Sulfite (as SO <sub>3</sub> ) (14265-45-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
13.	Surfactants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
14.	Aluminum, total (7429-90-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.103			1		
				Mass	kg/d	0.4					
15.	Barium, total (7440-39-3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
16.	Boron, total (7440-42-8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
17.	Cobalt, total (7440-48-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
18.	Iron, total (7439-89-6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.288			1		
				Mass	kg/d	1.1					
19.	Magnesium, total (7439-95-4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
20.	Molybdenum, total (7439-98-7)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
21.	Manganese, total (7439-96-5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Concentration	mg/L	0.512			1		
				Mass	kg/d	1.9					
22.	Tin, total (7440-31-5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					
23.	Titanium, total (7440-32-6)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
				Mass		na					

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**TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))<sup>1</sup>**

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
<b>24. Radioactivity</b>										
Alpha, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		0
			Mass		na					
Beta, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					
Radium 226, total	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Concentration		na			0		
			Mass		na					

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.	Acetaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3.	Allyl alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4.	Allyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5.	Amyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6.	Aniline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7.	Benzonitrile	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8.	Benzyl chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
9.	Butyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
10.	Butylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
11.	Captan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
12.	Carbaryl	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
13.	Carbofuran	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
14.	Carbon disulfide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
15.	Chlorpyrifos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
16.	Coumaphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
17.	Cresol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
18.	Crotonaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
19.	Cyclohexane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
21.	Diazinon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
22.	Dicamba	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
23.	Dichlobenil	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
24.	Dichlone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
25.	2,2-dichloropropionic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
26.	Dichlorvos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
27.	Diethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
28.	Dimethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
29.	Dinitrobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
30.	Diquat	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
31.	Disulfoton	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
32.	Diuron	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
33.	Epichlorohydrin	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
34.	Ethion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
35.	Ethylene diamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
36.	Ethylene dibromide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
37.	Formaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
38.	Furfural	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
40.	Isoprene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
41.	Isopropanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
42.	Kelthane	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
43.	Kepone	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
44.	Malathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
45.	Mercaptodimethur	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
46.	Methoxychlor	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
47.	Methyl mercaptan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
48.	Methyl methacrylate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
49.	Methyl parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
50.	Mevinphos	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
51.	Mexacarbate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
52.	Monoethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
53.	Monomethyl amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
54.	Naled	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
55.	Naphthenic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
56.	Nitrotoluene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
57.	Parathion	<input type="checkbox"/>	<input checked="" type="checkbox"/>		



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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
59.	Phosgene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
60.	Propargite	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
61.	Propylene oxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
62.	Pyrethrins	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
63.	Quinoline	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
64.	Resorcinol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
65.	Strontium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
66.	Strychnine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
67.	Styrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
69.	TDE (tetrachlorodiphenyl ethane)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
71.	Trichlorofon	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
72.	Triethanolamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
73.	Triethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
74.	Trimethylamine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
75.	Uranium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
76.	Vanadium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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**TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))<sup>1</sup>**

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
78.	Xylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
79.	Xylenol	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
80.	Zirconium	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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**TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))**

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Click to go back to the beginning of Form



**TABLE 2C-3.1: Outfall Descriptions**  
**Additional Information for FORM 2C, Section 3**

EPA I.D. Number: VAR000512939

VPDES Permit Number: VA0002585

1. OUT-FALL NO (list)	2. OPERATION(S) CONTRIBUTING FLOW			3. TREATMENT	
	a. OPERATION (list)	Facility**	b. AVERAGE FLOW (including units)	a. DESCRIPTION	b. LIST OF CODES FROM TABLE 2C-1
001	Floor Drains at Raw Water Pump Station	GRWPS	Intermittent Negligible	Sedimentation	1-U
001	Water Quality Analyzer (TOC) & Sample Tap	GRWPS	7,000 gpd	Sedimentation	1-U
009	Surge Protection Valve Discharge	GRWPS	Intermittent*	None	None
001	Flocculation-Sedimentation Basin	GWTP	2,200,000 gpd	Sedimentation	1-U
001	Flocculation-Sedimentation Basin	GWTP	Intermittent*	Sedimentation	1-U
001	Ozone Contactor Dewatering	GWTP	Intermittent*	Sedimentation	1-U
001	Ozone Contactor Filter Influent	GWTP	Intermittent*	Sedimentation	1-U
001	Ozone Contactor Effluent	GWTP	Intermittent*	Sedimentation	1-U
001	Filter Backwash	GWTP	2,100,000 gpd	Sedimentation	1-U
001	Filter-To-Waste	GWTP	1,200,000 gpd	Sedimentation	1-U
001	Filter Influent Flume Dewatering	GWTP	Intermittent*	Sedimentation	1-U
001	Filter Influent Splitter Box Dewatering	GWTP	Intermittent*	Sedimentation	1-U
001	Containment Sump Pump Discharge	GWTP	Intermittent*	Sedimentation	1-U
001	Filter Box Dewatering	GWTP	Intermittent*	Sedimentation	1-U
001	Continuous Monitoring Equipment	GWTP	55,800 gpd	Sedimentation	1-U
001	Deck Drain for Storm Water from Ozone Contactors	GWTP	Intermittent*	Sedimentation	1-U
001	Floor Drains in Operations Building	GWTP	Intermittent Negligible	Sedimentation	1-U
001	Floor Drains in other buildings	GWTP	Intermittent Negligible	Sedimentation	1-U
001	Mechanical Equipment Condensate	GWTP	Intermittent*	Sedimentation	1-U
001	Foundation Drainage	GWTP	Intermittent Negligible	Sedimentation	1-U
001	Site Storm Water Runoff		Intermittent*	Sedimentation	1-U
001	Solids from Corbalis Plant	CWTP	Intermittent*	Sedimentation Belt Filter Press	1-U; 5-C
007	Screen Wash Pump Discharge	OHD	Intermittent*	Screening	1-T
008	Reservoir Raw Water Sampling Discharge	OHD	7,000 gpd	None	None

\* Intermittent flows are detailed in Table 2: Intermittent or Seasonal Discharges

\*\* GWTP = Griffith Water Treatment Plant; GRWPS = Griffith Raw Water Pump Station; CWTP = Corbalis Water Treatment Plant; SITE = Fairfax Water property, but not the Plant area proper; OHD = Occoquan High Dam

Table 2C-4.2: Intermittent or Seasonal Discharges  
 Additional Information for FORM 2C, Section 4

EPA I.D. Number: VAR000512939  
 VPDES Permit Number: VA0002585

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	Facility(a)	3. FREQUENCY		4. FLOW				
			a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (mgd)		b. TOTAL VOLUME (specify with units)		c. DURATION (days)
					1. Long term average	2. Maximum Daily	1. Long term average	2. Maximum Daily	
001	Flocculation-Sedimentation Basin Dewatering (4)	GWTP	NA	2X/YR	NA	NA	23,804,590 gallons/year	5,951,148 gpd	2 days(b)
001	Ozone Contactor Dewatering	GWTP	NA	1X/YR	NA	NA	1,129,579 gallons/year	564,790 gpd	2 days(b)
001	Ozone Contactor Filter Influent Flume Dewatering	GWTP	NA	1X/YR	NA	NA	697,110 gallons/year	348,555 gpd	2 days(b)
001	Ozone Contactor Effluent Flume Dewatering	GWTP	NA	1X/YR	NA	NA	60,608 gallons/year	30,304 gpd	2 days(b)
001	Filter Influent Flume Dewatering	GWTP	NA	1X/YR	NA	NA	210,678 gallons/year	105,339 gpd	2 days(b)
001	Filter Influent Splitter Box Dewatering	GWTP	NA	1X/YR	NA	NA	17,425 gallons/year	8,713 gpd	2 days(b)
001	Containment Sump Pump Discharge	GWTP	NA	Varies	NA	NA	5,000 gallons/year	500 gpd	10 days
001	Filter Box Dewatering	GWTP	NA	1X/YR	NA	NA	2,179,165 gallons/year	1,089,583 gpd	2 days(b)
001	Deck Drain for Stormwater Collection at Ozone Contactor	GWTP	NA	40" rainfall/YR	NA	NA	123,670 gallons/year	NA	117 days(c)
001	Mechanical Equipment Condensate in Operations Building	GWTP	NA	4 MO/YR	0.0025	NA	316,224 gallons/year	NA	122 days
001	Mechanical Equipment Condensate in Finished Water Pump Station	GWTP	NA	4 MO/YR	0.0017	NA	210,816 gallons/year	NA	122 days
001	Storm Water Runoff	SITE	NA	40" rainfall/YR	NA	NA	73,000,000 gallons/year	NA	117 days(c)
001	Solids from Corbalis Plant	CWTP	NA	4MO/YR	NA	NA	40,000 CY/year	NA	NA
007	Screen Wash Pump Discharge	OHD	NA	15MIN/DAY	0.006	0.006	2,190,000 gallons/year	6,000 gpd	0.01 days(d)
009	Surge Protection Valve Maintenance Discharge (4)	GRWPS	NA	4X/YR	NA	NA	4,000,000 gallons/year	1,000,000 gpd	0.007 days(e)
009	Surge Protection Valve Discharge	GRWPS	NA	1X/YR	NA	NA	1,000,000 gallons/year	1,000,000 gpd	0.03 days(f)

(a) GWTP = Griffith Water Treatment Plant; SITE = Fairfax Water property overland flow; CWTP = Corbalis Water Treatment Plant; GRWPS = Griffith Raw Water Pump Station; OHD = Occoquan High Dam

(b) Assumes one process train dewatered per day

(c) Based on Average Annual Days of Rain in Northern Virginia

(d) 15 minutes per day

(e) 40 minutes per day

(f) Assumes one incident per year, 40 minutes per incident

TECH MEMO 2C - 6.3: POLLUTANT CONTROL AT  
OUTFALL 008  
TECHNICAL MEMORANDUM—FAIRFAX WATER  
**RELOCATION OF WATER QUALITY METER FROM  
OUTFALL 008 TO OUTFALL 001**

Background:

Under the current VPDES permit (2016), Outfall 008 is identified as a continuously flowing, raw water (Occoquan Reservoir) sample tap that may include incidental discharge of chemical reagents from a water quality meter used to measure Total Organic Carbon (TOC).

Action:

The TOC analyzer that used the reagents was relocated to the Fairfax Water Raw Water Pumping Station (RWPS) in July 2017. It now discharges to permitted Outfall 001.

Conclusion:

- The TOC flow at RWPS is estimated at 0.007 MGD and discharges to a 0.68 billion gallon quarry for dilution and sedimentation.
- Outfall 008 no longer has a possible “pollutant” component to its discharge. It is only raw reservoir water that rejoins the Occoquan River.
- Fairfax Water requests DEQ remove or reduce Outfall 008 testing from the reissued Permit as it remains a raw water sample discharge with no other influence, and it would be similar to Outfall 007 results.



Table 2C-8.2: Substances Stored and Used at Facility

Additional Information for FORM 2C, Section 8

EPA I.D. Number: VAR000512939

VPDES Permit Number: VA0002585

Description of storage and containment practices for Chemicals and Fuels Stored On-site

Facility*	Chemical	Amount	Units	Location	Containment	Drains	Liquid?
GRWPS	Potassium Permanganate	33,000	Pounds	Inside	Yes	No	No
GRWPS	Potassium Permanganate	18,000	Pounds	Inside	Yes	Yes, To Quarry***	No
GWTP	Granular Activated Carbon	97,100	Cubic Feet	Inside	Yes	Yes, To Quarry	No
GWTP	Cationic Polymer	7,500	Gallons	Inside	Yes	No	Yes
GWTP	Sodium Hypochlorite	63,000	Gallons	Inside	Yes	No	Yes
GWTP	Sodium Bisulfite	7,500	Gallons	Inside	Yes	No	Yes
GWTP	Hydrofluosilicic Acid	10,000	Gallons	Inside	Yes	No	Yes
GWTP	Sodium Hydroxide	39,000	Gallons	Inside	Yes	No	Yes
GWTP	Phosphoric Acid	10,000	Gallons	Inside	Yes	No	Yes
GWTP	Polyaluminum Chloride	88,000	Gallons	Inside	Yes	No	Yes
GWTP	Aqua Ammonia	16,000	Gallons	Outside	Yes	No	Yes
GWTP	Liquid Oxygen	43,000	Gallons	Outside	No	No	Yes**
GWTP	Heating Oil No.2	10,000	Gallons	Outside	Yes	No	Yes
GWTP	Heating Oil No.2	225	Gallons	Outside	Yes	No	Yes
GWTP	Diesel Fuel	250	Gallons	Outside	Yes	No	Yes
GWTP	Gasoline	3,000	Gallons	Outside	Yes	No	Yes
GWTP	Copper Sulfate Earth Tec	2,750	Gallons	Inside	Yes	Yes, To Quarry***	Yes
GWTP	Used Oil	500	Gallons	Inside	Yes	No	Yes
GWTP	Copper Sulfate Solid	32,000	Pounds	Inside	No	Yes, To Quarry***	No
High Dam	Potassium Permanganate	1,000	Pounds	Inside	Yes	No	No
High Dam	Liquid Oxygen	15,000	Gallons	Outside	No	No	Yes**

\* GWTP = Griffith Water Treatment Plant; GRWPS = Griffith Raw Water Pump Station

\*\* Liquid Oxygen vaporizes to gaseous oxygen upon exposure to ambient air.

\*\*\* Floor drains referenced are normally plugged and only opened to allow non-contaminated potable water to enter.

**ATTACHMENT A SAMPLING**  
**OUTFALL 001**  
**05/27/2020**

**ATTACHMENT A  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY CRITERIA MONITORING**

Effective January 1, 2012, all analyses shall be in accordance with 1VAC30-45, Certification for Noncommercial Environmental Laboratories, or 1VAC30-46, Accreditation for Commercial Environmental Laboratories.

A listing of Virginia Environmental Laboratory Accreditation Program (VELAP) certified and/or accredited laboratories can be found at the following website:  
<http://www.dgs.state.va.us/DivisionofConsolidatedLaboratoryServices/Services/EnvironmentalLaboratoryCertification/tabid/1059/Default.aspx>

Please be advised that additional water quality analyses may be necessary and/or required for permitting purposes. \*All grab samples collected 05/27/2020.

CASRN	CHEMICAL	EPA ANALYSIS NO.	QUANTIFICATION LEVEL <sup>(1)</sup>	REPORTING RESULTS	SAMPLE TYPE <sup>*</sup> TYPE <sup>(2)</sup>	SAMPLE FREQUENCY
<b>METALS</b>						
7440-36-0	Antimony, dissolved	(3)	640 ug/L	<5	Ⓒ or C	1/5 YR
7440-38-2	Arsenic, dissolved	(3)	900 ug/L	<5	Ⓒ or C	1/5 YR
7440-43-9	Cadmium, dissolved	(3)	5.9 ug/L	<0.5	Ⓒ or C	1/5 YR
16065-83-1	Chromium III, dissolved <sup>(6)</sup>	(3)	380 ug/L	<3	Ⓒ or C	1/5 YR
18540-29-9	Chromium VI, dissolved <sup>(6)</sup>	(3)	64 ug/L	4	Ⓒ or C	1/5 YR
7440-50-8	Copper, dissolved	(3)	45 ug/L	2	Ⓒ or C	1/5 YR
7439-92-1	Lead, dissolved	(3)	64 ug/L	<5	Ⓒ or C	1/5 YR
7439-97-6	Mercury, dissolved	(3)	4.6 ug/L	<0.2	Ⓒ or C	1/5 YR
7440-02-0	Nickel, dissolved	(3)	100 ug/L	<5	Ⓒ or C	1/5 YR
7782-49-2	Selenium, Total Recoverable	(3)	30 ug/L	<5	Ⓒ or C	1/5 YR
7440-22-4	Silver, dissolved	(3)	10 ug/L	<1	Ⓒ or C	1/5 YR
7440-28-0	Thallium, dissolved	(3)	5ug/L <sup>(4)</sup>	<5ug/L	Ⓒ or C	1/5 YR
7440-66-6	Zinc, dissolved	(3)	400 ug/L	<5	Ⓒ or C	1/5 YR
<b>PESTICIDES/PCBs</b>						
309-00-2	Aldrin	608/625	0.05	<0.05	Ⓒ or C	1/5 YR
57-74-9	Chlordane	608/625	0.2	<0.2	Ⓒ or C	1/5 YR
2921-88-2	Chlorpyrifos (synonym = Dursban)	622	0.2 ug/L <sup>(4)</sup>	<0.2	Ⓒ or C	1/5 YR
72-54-8	DDD	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
72-55-9	DDE	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
50-29-3	DDT	608/625	0.1	<0.05	Ⓒ or C	1/5 YR

CASRN	CHEMICAL	EPA ANALYSIS NO.	QUANTIFICATION LEVEL <sup>(1)</sup>	REPORTING RESULTS	SAMPLE TYPE <sup>(2)</sup>	SAMPLE FREQUENCY
8065-48-3	Demeton (synonym = Dementon-O,S)	622	(4) 1 ug/L	<1 ug/L	Ⓒ or C	1/5 YR
333-41-5	Diazinon	622	(4) 1 ug/L	<1 ug/L	Ⓒ or C	1/5 YR
60-57-1	Dieldrin	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
959-98-8	Alpha-Endosulfan (synonym = Endosulfan I)	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
33213-65-9	Beta-Endosulfan (synonym = Endosulfan II)	608625	0.1	<0.05	Ⓒ or C	1/5 YR
1031-07-8	Endosulfan Sulfate	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
72-20-8	Endrin	608/625	0.1	<0.05	Ⓒ or C	1/5 YR
7421-93-4	Endrin Aldehyde	608/625	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
86-50-0	Guthion (synonym = Azinphos Methyl)	622	(4) 1 ug/L	<1	Ⓒ or C	1/5 YR
76-44-8	Heptachlor	608/625	0.05	<0.05	Ⓒ or C	1/5 YR
1024-57-3	Heptachlor Epoxide	608/625	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
319-84-6	Hexachlorocyclohexane Alpha-BHC	608/625	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
319-85-7	Hexachlorocyclohexane Beta-BHC	608/625	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
58-89-9	Hexachlorocyclohexane Gamma-BHC (syn. = Lindane)	608/625	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
143-50-0	Kepone	8081 Extended/ 8270C/8270D	(4) 5 ug/L	<5	Ⓒ or C	1/5 YR
121-75-5	Malathion	614	(4) 1 ug/L	<1	Ⓒ or C	1/5 YR
72-43-5	Methoxychlor	608.2	(4) 0.05 ug/L	<0.05	Ⓒ or C	1/5 YR
2385-85-5	Mirex	8081 Extended/ 8270C/8270D	0.05 ug/L (4)	<0.05	Ⓒ or C	1/5 YR
56-38-2	Parathion (synonym = Parathion Ethyl)	614	(4) 1 ug/L	<1	Ⓒ or C	1/5 YR
1336-36-3	PCB, total	608/625	7.0	<0.5	Ⓒ or C	1/5 YR
8001-35-2	Toxaphene	608/625	5.0	<0.5	Ⓒ or C	1/5 YR

### BASE NEUTRAL EXTRACTABLES

83-32-9	Acenaphthene	610/625	10.0	<5	Ⓒ or C	1/5 YR
120-12-7	Anthracene	610/625	10.0	<5	Ⓒ or C	1/5 YR
92-87-5	Benzidine	625	(4) 10 ug/L	<10	Ⓒ or C	1/5 YR
56-55-3	Benzo (a) anthracene	610/625	10.0	<5	Ⓒ or C	1/5 YR
205-99-2	Benzo (b) fluoranthene	610/625	10.0	<5	Ⓒ or C	1/5 YR
207-08-9	Benzo (k) fluoranthene	610/625	10.0	<5	Ⓒ or C	1/5 YR
50-32-8	Benzo (a) pyrene	610/625	10.0	<5	Ⓒ or C	1/5 YR
111-44-4	Bis 2-Chloroethyl Ether	625	5 ug/L (4)	<5	Ⓒ or C	1/5 YR

CASRN	CHEMICAL	EPA ANALYSIS NO.	QUANTIFICATION LEVEL <sup>(1)</sup>	REPORTING RESULTS	SAMPLE TYPE <sup>(2)</sup>	SAMPLE FREQUENCY
108-60-1	Bis 2-Chloroisopropyl Ether	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
117-81-7	Bis 2-Ethylhexyl Phthalate (syn. = Di-2-Ethylhexyl Phthalate)	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
85-68-7	Butyl benzyl phthalate	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
91-58-7	2-Chloronaphthalene	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
218-01-9	Chrysene	610/625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
53-70-3	Dibenzo (a,h) anthracene	610/625	20.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
95-50-1	1,2-Dichlorobenzene	602/624	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
541-73-1	1,3-Dichlorobenzene	602/624	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
106-46-7	1,4-Dichlorobenzene	602/624	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
91-94-1	3,3-Dichlorobenzidine	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
84-66-2	Diethyl phthalate	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
131-11-3	Dimethyl phthalate	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
84-74-2	Di-n-butyl Phthalate (synonym = Dibutyl Phthalate)	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
121-14-2	2,4-Dinitrotoluene	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
122-66-7	1,2-Diphenylhydrazine	625/ 8270C/8270D	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
206-44-0	Fluoranthene	610/625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
86-73-7	Fluorene	610/625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
118-74-1	Hexachlorobenzene	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
87-68-3	Hexachlorobutadiene	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
77-47-4	Hexachlorocyclopentadiene	625	(4) 5 ug/L	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
67-72-1	Hexachloroethane	625	5 ug/L (4)	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
193-39-5	Indeno(1,2,3-cd)pyrene	610/625	20.0 5 ug/L	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
78-59-1	Isophorone	625	5 ug/L 10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
98-95-3	Nitrobenzene	625	5 ug/L 10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
62-75-9	N-Nitrosodimethylamine	625	(4) 5 ug/L	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
621-64-7	N-Nitrosodi-n-propylamine	625	(4) 5 ug/L	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
86-30-6	N-Nitrosodiphenylamine	625	(4) 5 ug/L	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
129-00-0	Pyrene	610/625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR
120-82-1	1,2,4-Trichlorobenzene	625	10.0	<5	Ⓞ <sub>Dr</sub> C	1/5 YR

## VOLATILES

CASRN	CHEMICAL	EPA ANALYSIS NO.	QUANTIFICATION LEVEL <sup>(1)</sup>	REPORTING RESULTS	SAMPLE TYPE <sup>(2)</sup>	SAMPLE FREQUENCY
107-02-8	Acrolein	624	10 ug/L (4)	<10	G	1/5 YR
107-13-1	Acrylonitrile	624	(4) 50 ug/L	<50	G	1/5 YR
71-43-2	Benzene	602/624	10.0	<5	G	1/5 YR
75-25-2	Bromoform	624	10.0	<5	G	1/5 YR
56-23-5	Carbon Tetrachloride	624	10.0	<5	G	1/5 YR
108-90-7	Chlorobenzene (synonym = Monochlorobenzene)	602/624	50.0	<5	G	1/5 YR
124-48-1	Chlorodibromomethane	624	10.0	<5	G	1/5 YR
67-66-3	Chloroform	624	10.0	<5	G	1/5 YR
75-27-4	Dichlorobromomethane	624	10.0	<5	G	1/5 YR
107-06-2	1,2-Dichloroethane	624	10.0	<5	G	1/5 YR
75-35-4	1,1-Dichloroethylene	624	10.0	<5	G	1/5 YR
156-60-5	1,2-trans-dichloroethylene	624	5 ug/L (4)	<5	G	1/5 YR
78-87-5	1,2-Dichloropropane	624	(4) 5 ug/L	<5	G	1/5 YR
542-75-6	1,3-Dichloropropene	624	10 ug/L (4)	<10	G	1/5 YR
100-41-4	Ethylbenzene	602/624	10.0	<5	G	1/5 YR
74-83-9	Methyl Bromide (synonym = Bromomethane)	624	5 ug/L (4)	<5	G	1/5 YR
75-09-2	Methylene Chloride (synonym = Dichloromethane)	624	20.0	<5	G	1/5 YR
79-34-5	1,1,2,2-Tetrachloroethane	624	5 ug/L (4)	<5	G	1/5 YR
127-18-4	Tetrachloroethylene (synonym = Tetrachloroethene)	624	10.0	<5	G	1/5 YR
10-88-3	Toluene	602/624	10.0	<5	G	1/5 YR
79-00-5	1,1,2-Trichloroethane	624	5 ug/L (4)	<5	G	1/5 YR
79-01-6	Trichloroethylene (synonym = Trichloroethene)	624	10.0	<5	G	1/5 YR
75-01-4	Vinyl Chloride	624	10.0	<5	G	1/5 YR
<b>ACID EXTRACTABLES</b>						
95-57-8	2-Chlorophenol	625	10.0	<5	Ⓒ or C	1/5 YR
120-83-2	2,4 Dichlorophenol	625	10.0	<5	Ⓒ or C	1/5 YR
105-67-9	2,4 Dimethylphenol	625	10.0	<5	Ⓒ or C	1/5 YR
51-28-5	2,4-Dinitrophenol	625	20 ug/L (4)	<20	Ⓒ or C	1/5 YR
534-52-1	2-Methyl-4,6-Dinitrophenol	625	5 ug/L (4)	<5	Ⓒ or C	1/5 YR
25154-52-3	Nonylphenol	ASTM D 7065-06	5 ug/L (4)	<5	Ⓒ or C	1/5 YR

CASRN	CHEMICAL	EPA ANALYSIS NO.	QUANTIFICATION LEVEL <sup>(1)</sup>	REPORTING RESULTS	SAMPLE TYPE <sup>(2)</sup>	SAMPLE FREQUENCY
87-86-5	Pentachlorophenol	625	50.0	<5	Ⓒbr C	1/5 YR
108-95-2	Phenol	625	10.0	<5	Ⓒbr C	1/5 YR
88-06-2	2,4,6-Trichlorophenol	625	10.0	<5	Ⓒbr C	1/5 YR
<b>MISCELLANEOUS</b> **Fairfax Water requested grab vs. composite in May 2020 letter to DEQ						
776-41-7	Ammonia as NH3-N	350.1	200	<100	Grab** C	1/5 YR
16887-00-6	Chloride	(3)	0.5 mg/L (4)	34.6 mg/L	Grab** C	1/5 YR
7782-50-5	Chlorine, Total Residual	(3)	0.01 mg/L 100	<.01 mg/L	G	1/5 YR
57-12-5	Cyanide, Free <sup>(8)</sup>	ASTM 4282-02	10.0	<5	G	1/5 YR
N/A	<i>E. coli</i> (N/CML)	(3)	(4)	1 MPN/100mL	G	1/5 YR
18496-25-8	Sulfide, dissolved <sup>(7)</sup>	SM 4500 S <sup>2</sup> B	100	<50	Ⓒbr C	1/5 YR
60-10-5	Tributyltin	GC/FPD(5)	0.03 ug/L (4)	<0.03	Ⓒbr C	1/5 YR
471-34-1	Hardness (mg/L as CaCO <sub>3</sub> )	(3)	0.331 (4) mg/L	65 mg/L	Ⓒbr C	1/5 YR

Joel L. Thompson, Production Director

Name of Principal Executive Officer or Authorized Agent & Title

Signature of Principal Executive Officer or Authorized Agent & Date

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. See 18 U.S.C. Sec. 1001 and 33 U.S.C. Sec. 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

FOOTNOTES:

- (1) Quantification level (QL) means the minimum levels, concentrations, or quantities of a target variable (e.g. target analyte) that can be reported with a specified degree of confidence in accordance with 1VAC30-45, Certification for Noncommercial Environmental Laboratories, or 1VAC30-46, Accreditation for Commercial Environmental Laboratories.

The quantification levels indicated for the metals are actually Specific Target Values developed for this permit. The Specific Target Value is the approximate value that may initiate a wasteload allocation analysis. Target values are not wasteload allocations or effluent limitations. The Specific Target Values are subject to change based on additional information such as hardness data, receiving stream flow, and design flows.

Units for the quantification level are micrograms/liter unless otherwise specified.

Quality control and quality assurance information (i.e. laboratory certificates of analysis) shall be submitted to document that the required quantification level has been attained.

- (2) Sample Type

G = Grab = An individual sample collected in less than 15 minutes. Substances specified with "grab" sample type shall only be collected as grabs. The permittee may analyze multiple grabs and report the average results provided that the individual grab results are also reported. For grab metals samples, the individual samples shall be filtered and preserved immediately upon collection.

C = Composite = A 24-hour composite unless otherwise specified. The composite shall be a combination of individual samples, taken proportional to flow, obtained at hourly or smaller time intervals. The individual samples may be of equal volume for flows that do not vary by +/- 10 percent over a 24-hour period.

- (3) A specific analytical method is not specified; however, an appropriate method to meet the QL shall be selected from any approved method presented in 40 CFR Part 136.
- (4) The QL is at the discretion of the permittee. If the test result is less than the method QL, a "<[QL]" shall be reported where the actual analytical test QL is substituted for [QL].
- (5) Analytical Methods: Analysis of Butyltins in Environmental Systems by the Virginia Institute of Marine Science, dated November 1996 (currently the only Virginia Environmental Laboratory Accreditation Program (VELAP) accredited method).



- (6) Both Chromium III and Chromium VI may be measured by the total chromium analysis. The total chromium analytical test QL shall be less than or equal to the lesser of the Chromium III or Chromium VI method QL listed above. If the result of the total chromium analysis is less than the analytical test QL, both Chromium III and Chromium VI can be reported as "<[QL]", where the actual analytical test QL is substituted for [QL].
- (7) Dissolved sulfide may be measured by the total sulfide analysis. The total sulfide analytical test QL shall be less than or equal to the dissolved sulfide method QL listed above. If the result of the total sulfide analysis is less than the analytical test QL, dissolved sulfide can be reported as "<[QL]", where the actual analytical test QL is substituted for [QL].
- (8) Free cyanide may be measured by the total cyanide analysis. The total cyanide analytical test QL shall be less than or equal to the free cyanide method QL listed above. If the result of the total cyanide analysis is less than the analytical test QL, free cyanide can be reported as "<[QL]", where the actual analytical test QL is substituted for [QL].

Water Permits Division




# Application Form 2F

## Stormwater Discharges Associated with Industrial Activity

### NPDES Permitting Program

**Note:** Complete this form *and* Form 1 if you are a new or existing facility whose discharge is composed entirely of stormwater associated with industrial activity, excluding discharges from construction activity under 40 CFR 122.26(b)(14)(x) or (b)(15). If your discharge is composed of stormwater *and* non-stormwater, you must complete Forms 1 and 2F, *and* you must complete Form 2C, 2D, or 2E, as appropriate. See the “Instructions” inside for further details.

Form 2F NPDES		<b>U.S Environmental Protection Agency</b> <b>Application for NPDES Permit to Discharge Wastewater</b> <b>STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY</b>
---------------------	---	---

**SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))**

<b>Outfall Location</b>	1.1	Provide information on each of the facility's outfalls in the table below			
		<b>Outfall Number</b>	<b>Receiving Water Name</b>	<b>Latitude</b>	<b>Longitude</b>
		001	Occoquan River	38° 41' 11" N	77° 15' 16" W
		002	Drainage Trib. to Occoquan	38° 41' 36" N	77° 15' 42" W
		003	Drainage Trib. to Occoquan	38° 41' 7" N	77° 15' 28" W
		004	Drainage Trib. to Occoquan	38° 41' 48" N	77° 15' 22" W
		005	Drainage Trib. to Occoquan	38° 41' 48" N	77° 15' 45" W
		006	Drainage Trib. to Occoquan	38° 41' 54" N	77° 15' 25" W

**SECTION 2. IMPROVEMENTS (40 CFR 122.21(g)(6))**

<b>Improvements</b>	2.1	Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?  <input type="checkbox"/> Yes <span style="margin-left: 200px;"><input checked="" type="checkbox"/> No → SKIP to Section 3.</span>			
	2.2	Briefly identify each applicable project in the table below.			
		<b>Brief Identification and Description of Project</b>	<b>Affected Outfalls (list outfall numbers)</b>	<b>Source(s) of Discharge</b>	<b>Final Compliance Dates</b>
					<b>Required</b> <b>Projected</b>
		Nothing is req'd. of Fairfax Water by an Authority Having Juris. Efforts by FW, and Vulcan Material Co. assoc with outfalls are noted in Tech Memo 2F-2.3.			
2.3	Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (Optional Item)  <input checked="" type="checkbox"/> Yes <span style="margin-left: 200px;"><input type="checkbox"/> No</span>				

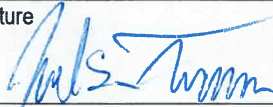
**SECTION 3. SITE DRAINAGE MAP (40 CFR 122.26(c)(1)(i)(A))**

<b>Site Drainage Map</b>	3.1	Have you attached a site drainage map containing all required information to this application? (See instructions for specific guidance.)
		<input checked="" type="checkbox"/> Yes <span style="margin-left: 200px;"><input type="checkbox"/> No</span>

**SECTION 4. POLLUTANT SOURCES (40 CFR 122.26(c)(1)(i)(B))**

<b>Pollutant Sources</b>	4.1	Provide information on the facility's pollutant sources in the table below. please also see Table 2F-4.1																							
		<table border="1"> <thead> <tr> <th>Outfall Number</th> <th>Impervious Surface Area (within a mile radius of the facility)</th> <th>Total Surface Area Drained (within a mile radius of the facility)</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>3.7 <i>specify units</i> acres</td> <td>82 <i>specify units</i> acres</td> </tr> <tr> <td>002</td> <td>6.1 <i>specify units</i> acres</td> <td>13.2 <i>specify units</i> acres</td> </tr> <tr> <td>003</td> <td>0.45 <i>specify units</i> acres</td> <td>3.4 <i>specify units</i> acres</td> </tr> <tr> <td>004</td> <td>6.5 <i>specify units</i> acres</td> <td>11.2 <i>specify units</i> acres</td> </tr> <tr> <td>005</td> <td>0.48 <i>specify units</i> acres</td> <td>1.2 <i>specify units</i> acres</td> </tr> <tr> <td>006</td> <td>9.9 <i>specify units</i> acres</td> <td>47.6 <i>specify units</i> acres</td> </tr> </tbody> </table>	Outfall Number	Impervious Surface Area (within a mile radius of the facility)	Total Surface Area Drained (within a mile radius of the facility)	001	3.7 <i>specify units</i> acres	82 <i>specify units</i> acres	002	6.1 <i>specify units</i> acres	13.2 <i>specify units</i> acres	003	0.45 <i>specify units</i> acres	3.4 <i>specify units</i> acres	004	6.5 <i>specify units</i> acres	11.2 <i>specify units</i> acres	005	0.48 <i>specify units</i> acres	1.2 <i>specify units</i> acres	006	9.9 <i>specify units</i> acres	47.6 <i>specify units</i> acres		
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	006	9.9 <i>specify units</i> acres	47.6 <i>specify units</i> acres																						
	4.2	<p>Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)</p> <p>Please refer to Table 2C-8.2. Most materials are stored indoors with no storm water exposure. For those that are stored outdoors, appropriate secondary containment measures are used. Facility Stormwater O&amp;M and Spill Prevention Control and Countermeasure Plans are in place. Chemical deliveries do occur on a regular daily basis. Spill prevention measures for chemical deliveries are employed through structural and non-structural measures. These measures include, but are not limited to, secondary containment at hook up points, operator training on safe handling procedures for each on-site chemical, and adequate emergency response / spill response equipment and supplies. During all deliveries, operators are required to monitor chemical off-loading activities.</p>																							
4.3	<p>Provide the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff. (See instructions for specific guidance.)</p> <table border="1"> <thead> <tr> <th colspan="3">Stormwater Treatment</th> </tr> <tr> <th>Outfall Number</th> <th>Control Measures and Treatment</th> <th>Codes from Exhibit 2F-1 (list)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Please refer to Table 2F-4.3</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>1-</td> </tr> </tbody> </table>	Stormwater Treatment			Outfall Number	Control Measures and Treatment	Codes from Exhibit 2F-1 (list)		Please refer to Table 2F-4.3																1-
Stormwater Treatment																									
Outfall Number	Control Measures and Treatment	Codes from Exhibit 2F-1 (list)																							
	Please refer to Table 2F-4.3																								
		1-																							

**SECTION 5. NON STORMWATER DISCHARGES (40 CFR 122.26(c)(1)(i)(C))**

<b>Non-Stormwater Discharges</b>	5.1	<i>I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges. Moreover, I certify that the outfalls identified as having non-stormwater discharges are described in either an accompanying NPDES Form 2C, 2D, or 2E application.</i>			
		Name (print or type first and last name)	Official title		
		Joel L. Thompson	Director, Production		
		Signature	Date signed		
			09/02/2020 9-3-2020		
	5.2	Provide the testing information requested in the table below.			
		<b>Outfall Number</b>	<b>Description of Testing Method Used</b>	<b>Date(s) of Testing</b>	<b>Onsite Drainage Points Directly Observed During Test</b>
		001	Quarterly & Annual sampling and visual inspection	05/27/2020	quarry inflow; outlet
	002	Quarterly visual inspection. Weekly tank/contain.check:	04/14/2020	clearwell overflow outlet	
	003	Quarterly visual inspection. Weekly tank/contain.check:	04/14/2020	catchbasins, outlet pipe	
	004	Quarterly visual inspection. Weekly tank/contain.check:	04/14/2020	catchbasins, loading dock	
	005	Quarterly visual inspection. Weekly tank/contain.check:	04/14/2020	catchbasin, outlet pipe	
	006	Quarterly visual inspection. Weekly tank/contain.check:	04/14/2020	catchbasins, pond outlet	

**SECTION 6. SIGNIFICANT LEAKS OR SPILLS (40 CFR 122.26(c)(1)(i)(D))**

<b>Significant Leaks or Spills</b>	6.1	Describe any significant leaks or spills of toxic or hazardous pollutants in the last three years. Please refer to Table 2F-6.1 for details concerning minor leaks on 02/12/2018, 03/07/2019, and 08/05/2019.
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**SECTION 7. DISCHARGE INFORMATION (40 CFR 122.26(c)(1)(i)(E))**

<b>Discharge Information</b>	See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.	
	7.1	Is this a new source or new discharge? <input type="checkbox"/> Yes → See instructions regarding submission of <i>estimated</i> data. <input checked="" type="checkbox"/> No → See instructions regarding submission of <i>actual</i> data.
	<b>Tables A, B, C, and D</b>	
7.2	Have you completed Table A for each outfall? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

EPA Identification Number VAR000512939		NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Form Approved 03/05/19 OMB No. 2040-0004
<b>Discharge Information Continued</b>	7.3	Is the facility subject to an effluent limitation guideline (ELG) or effluent limitations in an NPDES permit for its process wastewater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 7.5.		
	7.4	Have you completed Table B by providing quantitative data for those pollutants that are (1) limited either directly or indirectly in an ELG and/or (2) subject to effluent limitations in an NPDES permit for the facility's process wastewater? <input type="checkbox"/> Yes <input type="checkbox"/> No		
	7.5	Do you know or have reason to believe any pollutants in Exhibit 2F-2 are present in the discharge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 7.7.		
	7.6	Have you listed all pollutants in Exhibit 2F-2 that you know or have reason to believe are present in the discharge and provided quantitative data or an explanation for those pollutants in Table C? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	7.7	Do you qualify for a small business exemption under the criteria specified in the Instructions? <input type="checkbox"/> Yes → SKIP to Item 7.18. <input checked="" type="checkbox"/> No		
	7.8	Do you know or have reason to believe any pollutants in Exhibit 2F-3 are present in the discharge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 7.10.		
	7.9	Have you listed all pollutants in Exhibit 2F-3 that you know or have reason to believe are present in the discharge in Table C? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	7.10	Do you expect any of the pollutants in Exhibit 2F-3 to be discharged in concentrations of 10 ppb or greater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 7.12.		
	7.11	Have you provided quantitative data in Table C for those pollutants in Exhibit 2F-3 that you expect to be discharged in concentrations of 10 ppb or greater? <input type="checkbox"/> Yes <input type="checkbox"/> No		
	7.12	Do you expect acrolein, acrylonitrile, 2,4-dinitrophenol, or 2-methyl-4,6-dinitrophenol to be discharged in concentrations of 100 ppb or greater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 7.14.		
	7.13	Have you provided quantitative data in Table C for the pollutants identified in Item 7.12 that you expect to be discharged in concentrations of 100 ppb or greater? <input type="checkbox"/> Yes <input type="checkbox"/> No		
	7.14	Have you provided quantitative data or an explanation in Table C for pollutants you expect to be present in the discharge at concentrations less than 10 ppb (or less than 100 ppb for the pollutants identified in Item 7.12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	7.15	Do you know or have reason to believe any pollutants in Exhibit 2F-4 are present in the discharge? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 7.17.		
	7.16	Have you listed pollutants in Exhibit 2F-4 that you know or believe to be present in the discharge and provided an explanation in Table C? <input type="checkbox"/> Yes <input type="checkbox"/> No		
	7.17	Have you provided information for the storm event(s) sampled in Table D? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

<b>Discharge Information Continued</b>	<b>Used or Manufactured Toxics</b>		
	7.18	Is any pollutant listed on Exhibits 2F-2 through 2F-4 a substance or a component of a substance used or manufactured as an intermediate or final product or byproduct? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 8.	
	7.19	List the pollutants below, including TCDD if applicable.	
		1. Refer to Table 2C-8.2 for chemicals	4.
	2. used in the treatment process, ex.	5.	8.
	3.	6.	9.

**SECTION 8. BIOLOGICAL TOXICITY TESTING DATA (40 CFR 122.21(g)(11))**

<b>Biological Toxicity Testing Data</b>	8.1	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 three years? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 9. 09/02/2020		
	8.2	Identify the tests and their purposes below.		
		<b>Test(s)</b>	<b>Purpose of Test(s)</b>	<b>Submitted to NPDES Permitting Authority?</b>
		chronic 3-brood; & 7-day	Annual Permit Requirement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 01/07/2020
		chronic 3-brood; & 7-day	Annual Permit 2020 due 12/20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	chronic 3-brood; & 7-day	Redo Annual to submit 12/20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**SECTION 9. CONTRACT ANALYSIS INFORMATION (40 CFR 122.21(g)(12))**

<b>Contract Analysis Information</b>	9.1	Were any of the analyses reported in Section 7 (on Tables A through C) performed by a contract laboratory or consulting firm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 10.		
	9.2	Provide information for each contract laboratory or consulting firm below.		
			<b>Laboratory Number 1</b>	<b>Laboratory Number 2</b>
		Name of laboratory/firm	JR Reed & Associates	Fairfax Water Quality Laboratory na
		Laboratory address	770 Pilot House Drive Newport News, VA 23606	1295 Fred Morin Dr, Herndon, VA 20170
		Phone number	(757) 873-4703	(703) 698-5613
		Pollutant(s) analyzed	All analyses except pH, TSS, temperature	pH, TSS, temperature

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VA0002585

Facility Name  
FCWA Griffith Water Treatment

Form Approved 03/05/19  
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**SECTION 10. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))**

Checklist and Certification Statement

10.1	In Column 1 below, mark the sections of Form 2F that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.	
	Column 1	Column 2
	<input checked="" type="checkbox"/> Section 1	<input type="checkbox"/> w/ attachments (e.g., responses for additional outfalls)
	<input checked="" type="checkbox"/> Section 2	<input checked="" type="checkbox"/> w/ attachments Tech Memo 2F-2.3
	<input checked="" type="checkbox"/> Section 3	<input checked="" type="checkbox"/> w/ site drainage map Figure 2F-3.1
	<input checked="" type="checkbox"/> Section 4	<input checked="" type="checkbox"/> w/ attachments Table 2F-4.1; Table 2F-4.3
	<input checked="" type="checkbox"/> Section 5	<input type="checkbox"/> w/ attachments
	<input checked="" type="checkbox"/> Section 6	<input checked="" type="checkbox"/> w/ attachments Table 2F-6.1
	<input checked="" type="checkbox"/> Section 7	<input checked="" type="checkbox"/> Table A <input type="checkbox"/> w/ small business exemption request <input type="checkbox"/> Table B <input checked="" type="checkbox"/> w/ analytical results as an attachment <input checked="" type="checkbox"/> Table C <input checked="" type="checkbox"/> Table D
	<input checked="" type="checkbox"/> Section 8	<input type="checkbox"/> w/attachments
	<input checked="" type="checkbox"/> Section 9	<input type="checkbox"/> w/attachments (e.g., responses for additional contact laboratories or firms)
<input checked="" type="checkbox"/> Section 10	<input type="checkbox"/>	
10.2	<b>Certification Statement</b>  <i>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>	
	Name (print or type first and last name)	Official title
	Joel L. Thompson	Director, Production
	Signature 	Date signed 09/02/2020 9-3-2020



EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 001
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First * 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First * 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	<5.0 mg/L		<5.0 mg/L		1	
2. Biochemical oxygen demand (BOD <sub>5</sub> )	3.4 mg/L	NA	3.4	NA	1	
3. Chemical oxygen demand (COD)	14	NA	14	NA	1	
4. Total suspended solids (TSS)	5 mg/L	NA	2.7 mg/L	NA	10	
5. Total phosphorus	<0.1 mg/L	NA	<0.1 mg/L	NA	3	
6. Total Kjeldahl nitrogen (TKN)	0.61 mg/L	NA	0.58 mg/L	NA	3	
7. Total nitrogen (as N)	1.6 mg/L	NA	1.4 mg/L	NA	3	
8. pH (minimum)	7		7.4		10	
	pH (maximum)	7.8		7.4	10	

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

\* Outfall 001 (Quarry), a 0.68 billion gallon impoundment, does not exhibit a "first flush" or additional flow during rain events. Data is from scheduled Permit sampling over last 3 years (TSS, TP, TKN, TN, pH) and Application sampling (Oil/Grease, BOD, COD) 05/27/2020.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 001
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	4050 gpm**	607,500 gallons**

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

Refer to Mass Balance Flow Schematic, FIGURE 2C-2.1. Flow from Outfall 001 remains generally consistent at 5.8 MGD.

\*\*The storm water contribution for representative storm runoff to a 0.68 BG quarry impoundment has been estimated using the Rational Method (82 acres; C-factor 0.2) for the maximum flow rate, and the SCS curve method for the total flow.

[Click to go back to the beginning of Form](#)

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 002
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**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease						
2. Biochemical oxygen demand (BOD <sub>5</sub> )	* Outfall 002 (South Pond) has not had discharge in > 5 years					
3. Chemical oxygen demand (COD)	and there is no permanent pool to sample.					
4. Total suspended solids (TSS)						
5. Total phosphorus						
6. Total Kjeldahl nitrogen (TKN)						
7. Total nitrogen (as N)						
8. pH (minimum)						
pH (maximum)						

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

\* As per Fairfax Water's 14 May 2020 Letter to DEQ, Outfall 002 (South Pond) has not had discharge in > 5 years and there is no permanent pool to sample. Therefore, no data was collected for this Outfall during this Permit Term.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 002
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	0**	0**

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

\* Outfall 002 (South Pond) has not had discharge in > 5 years and there is no permanent pool to sample. The area is currently under Vulcan Materials Co. site plan construction with Fairfax County-approved Erosion and Sediment Control measures.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 003
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter		Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	<5.0 mg/L		<5.0 mg/L		1	
2.	Biochemical oxygen demand (BOD <sub>5</sub> )	10 mg/L	NA	10 mg/L	NA	1	
3.	Chemical oxygen demand (COD)	41 mg/L	NA	41 mg/L	NA	1	
4.	Total suspended solids (TSS)	6 mg/L	NA	6 mg/L	NA	1	
5.	Total phosphorus	0.86 mg/L	NA	0.86 mg/L	NA	1	
6.	Total Kjeldahl nitrogen (TKN)	1.52 mg/L	NA	1.52 mg/L	NA	1	
7.	Total nitrogen (as N)	2.2 mg/L	NA	2.2 mg/L	NA	1	
8.	pH (minimum)	7.2		7.2		1	
	pH (maximum)	7.2		7.2		1	

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 003
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	335 gpm**	50,250 gallons**

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

\*\*The storm water have been estimated using the Rational Method (3.4 acres; C-factor 0.4) for the maximum flow rate, and the SCS curve method for the total flow.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 004
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter		Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	<5.0 mg/L		<5.0 mg/L		1	
2.	Biochemical oxygen demand (BOD <sub>5</sub> )	8.8 mg/L	NA	8.8 mg/L	NA	1	
3.	Chemical oxygen demand (COD)	34 mg/L	NA	34 mg/L	NA	1	
4.	Total suspended solids (TSS)	4 mg/L	NA	4 mg/L	NA	1	
5.	Total phosphorus	0.66 mg/L	NA	0.66 mg/L	NA	1	
6.	Total Kjeldahl nitrogen (TKN)	1.22 mg/L	NA	1.22 mg/L	NA	1	
7.	Total nitrogen (as N)	2.2 mg/L	NA	2.2 mg/L	NA	1	
8.	pH (minimum)	7.3		7.3		1	
	pH (maximum)	7.3		7.3		1	

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 004
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	1,590 gpm**	238,500 gallons**

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

\*\*The storm water have been estimated using the Rational Method (11.2 acres; C-factor 0.6) for the maximum flow rate, and the SCS curve method for the total flow.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 005
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	<5.0 mg/L		<5.0 mg/L		1	
2. Biochemical oxygen demand (BOD <sub>5</sub> )	7.8 mg/L	NA	7.8 mg/L	NA	1	
3. Chemical oxygen demand (COD)	34 mg/L	NA	34 mg/L	NA	1	
4. Total suspended solids (TSS)	4 mg/L	NA	4 mg/L	NA	1	
5. Total phosphorus	0.69 mg/L	NA	0.69 mg/L	NA	1	
6. Total Kjeldahl nitrogen (TKN)	1.14 mg/L	NA	1.14 mg/L	NA	1	
7. Total nitrogen (as N)	1.6 mg/L	NA	2.2 mg/L	NA	1	
8. pH (minimum)	7.3		7.3		1	
	pH (maximum)	7.3		7.3	1	

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 005
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	150 gpm**	22,500 gallons**

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

\*\*The storm water have been estimated using the Rational Method (1.2 acres; C-factor 0.5) for the maximum flow rate, and the SCS curve method for the total flow.

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility Name FCWA Griffith Water Treatment	Outfall Number 006
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Form Approved 03/05/19  
OMB No. 2040-0004

**TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))<sup>1</sup>**

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter		Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	<5.0 mg/L		<5.0 mg/L		1	
2.	Biochemical oxygen demand (BOD <sub>5</sub> )	4.2 mg/L	NA	4.2 mg/L	NA	1	
3.	Chemical oxygen demand (COD)	21 mg/L	NA	21 mg/L	NA	1	
4.	Total suspended solids (TSS)	48 mg/L	NA	48 mg/L	NA	1	
5.	Total phosphorus	0.13 mg/L	NA	0.13 mg/L	NA	1	
6.	Total Kjeldahl nitrogen (TKN)	0.67 mg/L	NA	0.67 mg/L	NA	1	
7.	Total nitrogen (as N)	0.8 mg/L	NA	0.8 mg/L	NA	1	
8.	pH (minimum)	7.7		7.7		1	
	pH (maximum)	7.7		7.7		1	

<sup>1</sup> Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number VAR000512939	NPDES Permit Number VA0002585	Facility name FCWA Griffith Water Treatment	Outfall Number 006
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**TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))**

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
07/22/2020	2.5	1.37	21	3,760 gpm**	564,000 gallons**

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

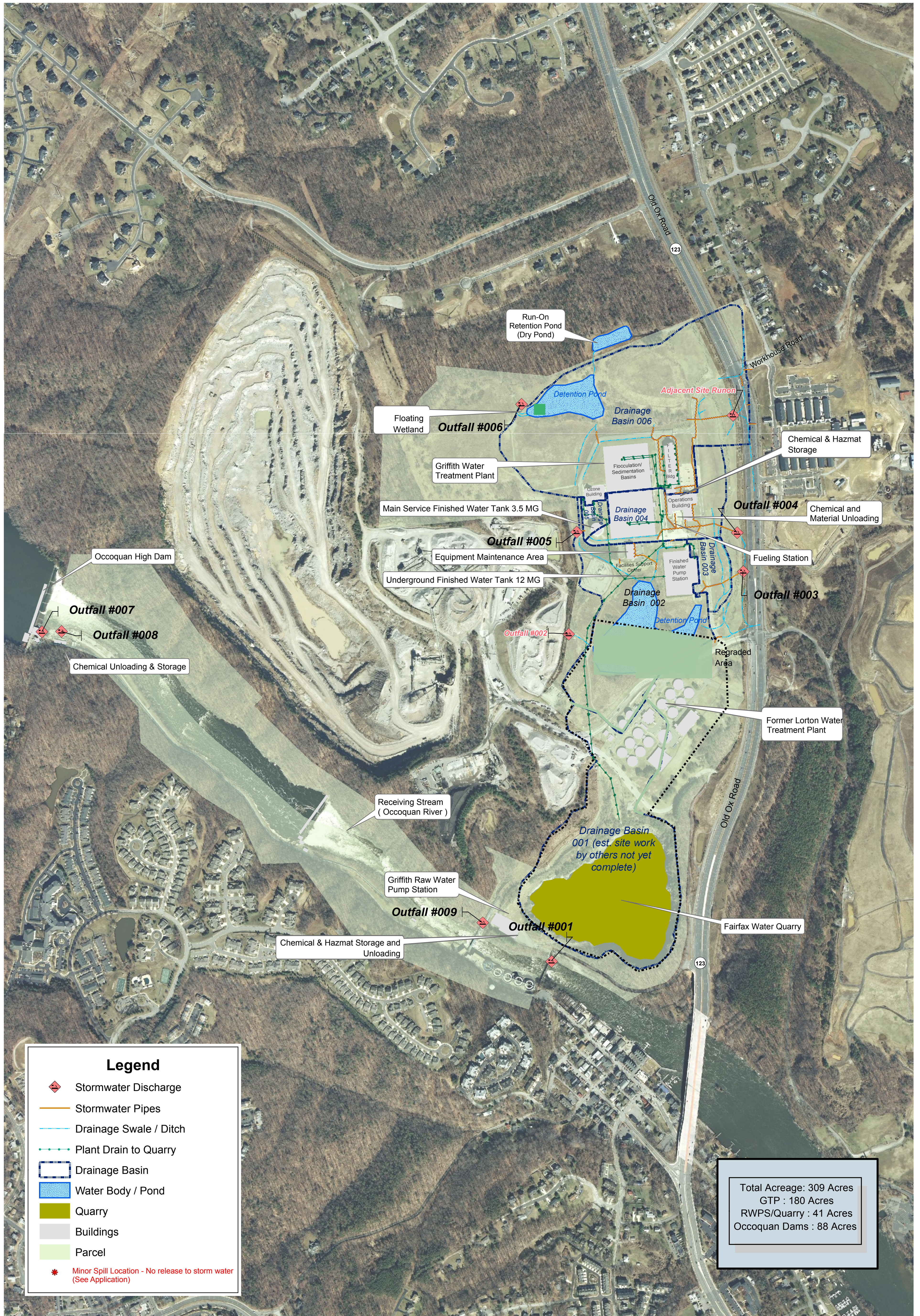
\*\*The storm water have been estimated using the Rational Method (47.6 acres; C-factor 0.32) for the maximum flow rate, and the SCS curve method for the total flow.

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**FIGURE 2F-3.1 FCWA GRIFFITH WATER PLANT  
SITE DRAINAGE MAP**

PERMIT APPLICATION FORM 2F, SECTION 3.1 & 4

FAIRFAX WATER

Scale: 1:4,500

Date: 07/22/2020

USGS Quad: Occoquan & Ft. Belvoir, Va

Updated by: Rev. 3 AJW / H. Mogilevich



Imagery Source: 2011 Virginia Base Mapping Program (VBMP)

**TABLE 2F-4.1 STORMWATER OUTFALLS**  
**Additional Information for FORM 2F, Section 4.1**

EPA I.D. Number: VAR000512939  
 VPDES Permit Number: VA0002585

<b>Outfall Number</b>	<b>Area of Impervious Surface (Acres)</b>	<b>Total Area Drained (Acres)</b>	<b>Additional Comments</b>
001	3.7	82.0	Area of Former Lorton WTP regraded, site plan ongoing, drainage area is estimated
002	6.1	13.2	South Pond reduced and regraded; site work is ongoing; drainage area estimated
003	0.5	3.4	
004	6.5	11.2	Includes 2.1 acres of open tankage which captures rainfall and prevents stormwater discharge
005	0.5	1.2	
006	9.9	47.6	Includes 2.1 acres of open tankage which captures rainfall and prevents stormwater discharge

**Table 2F-4.3: Control and Treatment Description for Stormwater Outfalls**  
**Additional Information for FORM 2C, Section 4**

EPA I.D. Number: VAR000512939  
 VPDES Permit Number: VA0002585

<b>Outfall Number</b>	<b>Treatment</b>	<b>List codes from Table 2F-1</b>
001	One stormwater retention basin (0.68 Billion Gallons) provides control measures to reduce pollutants in stormwater runoff	1-U
002	One stormwater detention basin (3.5 Acres) provides control measures to reduce pollutants in stormwater runoff	1-U
003	Control measures include operator training, operator monitoring, leak detection equipment and containment basins.	--
004	Control measures include operator training, operator monitoring, leak detection equipment and containment basins.	--
005	Control measures include operator training, operator monitoring, leak detection equipment and containment basins.	--
006	One stormwater retention basin (2.7 Acres) provides control measures to reduce pollutants in stormwater runoff, Floating Treatment Wetlands added 2017.	1-U

**TABLE 2F-6.1: Reported Leaks or Spills**

Spills and Leaks: Documentation of spills and leaks of toxic or hazardous pollutants that occurred at areas exposed to precipitation or that otherwise drain to a storm water conveyance at the facility within the 3 year period immediately prior to the date of submission. This list shall be updated as appropriate during the term of the permits.

DESCRIPTION													RESPONSE	
#	Incident Date	Spill	Leak	Location	Type of Material	Quantity	Source	Reason	Amt. Recovered	Current Exposure to Storm Water?	Preventive / Corrective Action	Reported to AHJ?		
1	2/12/2018		X	LOX delivery concrete pad within Outfall 005 area	Pneumatic fluid ECOSAFE fr46	2 gallons	Delivery truck hose	Blew hydraulic line, chemical delivery truck issue	All	No	3 bags of Pink pads by Plant engineer and Ops; replaced spill contain. Materials; disposed of w/hazwaste contractor	NA		
2	3/7/2019		X	Loading dock, would divert to containment by ammonia tanks	Coolant	<10 gallons	Delivery truck cooling system	Busted hose, delivery truck maintenance issue	All	No	Used absorbent for free product; hosed down to containment; inspected for coolant residue and found none. Pads disposed of using hazwaste contractor.	NA		
3	8/5/2019		X	Back asphalt road within Outfall 004 drainage area	Hydraulic fluid	<5 gallons	Forklift	Hydraulic line broke	All	No	Green Stuff powder, swept, and bagged for hazwaste contractor	NA		

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