



Division of Water Resources
National Pollutant Discharge Elimination
System (NPDES)

Application for Coverage Under

General Permit NCG510000

*For remediated groundwater and similar wastewaters
contaminated with petroleum products and/or chlorinated solvents.*

FOR AGENCY USE ONLY									
Date Received									
Year			Month			Day			
Certificate of Coverage (COC)									
N	C	G	5	1					
Check #					Amount				
Assigned To:									

Groundwater remediation (GW-REM) projects require an NPDES permit to discharge treated effluent to *Surface Waters of the State*, typically in support of:

- 1) an environmental *Corrective Action Plan* (CAP) required by a government agency, having defined and approved both *site assessment* and remediation *scopes of work*, **or**
- 2) a proposed excavation below the local groundwater table requiring a temporary and/or permanent treatment system for de-watering of structures or other construction.

NOTICE OF INTENT

[Required by [15A NCAC 02H .0127\(d\)](#)]; [term definition see [15A NCAC 02H .0103\(19\)](#)]

The Division of Water Resources will not accept an application package unless all instructions are followed. Failure to submit all required items may result in the application being returned. *For more information, visit the Water Quality Permitting Section's NPDES Permitting Unit [website](#).*

(If on a computer, press TAB to navigate form.)

1) Owner's Contact Information: *(address to which all permit correspondence will be mailed)*

Company Name: _____

Owner Name and Title: _____

Street Address: _____

City: _____ State: ____ Zip: _____ - _____

Telephone #: _____

Email: _____

2) Location of Facility Producing the Discharge: *(Please list the address of the facility. If facility is not yet constructed, give street address or lot number.)*

Facility Name: _____

Facility Contact: _____

Street Address: _____

City: _____ State: ____ Zip: _____ - _____

County: _____

Telephone #: _____

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3) Site-Location Narrative:

Please describe how to get to the facility (*use street names, state road numbers, and/or distances and directions. A map or USGS quad sheet with the facility clearly located should also be included.*)

4) This NPDES permit application applies to which of the following:

- ☐ New [term definition see [15A NCAC 02H .0103\(16\)](#)] or Proposed discharge

Does the facility have an approved Corrective Action Plan (CAP)?

☐ Yes – **Date approved:** _____

☐ No – **Please contact the applicable DEQ Regional Office Water Quality Regional Operations staff to determine the status of CAP approval and/or authorization to proceed if immediate remediation is recommended.**

Regional Office contact person: _____

Site Ranking (A - E): _____

GW incident #: _____

- ☐ Modification to existing permit

Certificate of Coverage #: NCG51 _____

Please describe the modification: _____

5) Does this facility have any other NPDES permits? [term definition see [15A NCAC 02H .0103\(15\)](#)]

☐ No

☐ Yes – **List the permit numbers for all current NPDES permits for this facility:** _____

6) Description of discharge: [Required by [15A NCAC 02H .0105\(c\)\(1\)](#)]

a) Is the discharge directly to the receiving water?

☐ Yes

☐ No – **If no, submit a site map with the pathway to the potential receiving waters clearly marked.**

b) Number of discharge points (ditches, pipes, etc. that convey wastewater from the property): _____

c) Volume of discharge per each discharge point (in GPD): _____

7) Discharge frequency: [Required by [15A NCAC 02H .0105\(c\)\(1\)](#)]

a) The discharge is: ☐ Continuous

☐ Intermittent - **Describe when the discharge will occur:** _____

b) What is the source(s) of contamination (i.e. gasoline, diesel, solvents, etc.)?: _____

c) Is free product present?

☐ Yes - **Product storage tank and an oil/water separator are required. Free product is defined as any measurable accumulation of 1/8" or more in a well or floating on surface water.**

☐ No

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8) Treatment system components: [Required by [15A NCAC 02H .0105\(c\)\(3\)](#)]

Please note: Final design specifications for the actual system that will be installed must be included in this section. Do not submit this application if only bid specifications are known.

Check all of the following that apply:

- ☐ Oil/Water Separator ☐ Air Stripper ☐ Carbon Adsorption ☐ Filters
☐ Other: _____

a) If an Oil/Water separator is present, please provide the following information:

- i) Rated flow capacity of the unit (in GPM): _____
- ii) Volume of unit (gal): _____
- iii) Detention time (min): _____
- iv) Free product disposal method: _____

b) If an air stripper is present, please provide the following information:

- i) Rated flow capacity of the unit (in GPM): _____
- ii) Air provided for stripping (in CFM): _____
- iii) Air to Water ratio: _____
- iv) Number of trays (if applicable): _____

(Removal efficiencies for all chemicals of concern should be included in this submittal. Efficiencies should be expressed as a percentage, i.e. 98% or 0.98)

c) If carbon adsorption is present, please provide the following information:

- i) Rated flow capacity of the unit(s) (in GPM): _____
- ii) Number of carbon units and arrangement if number exceeds one (i.e., in parallel or in series): _____
- iii) Pounds of carbon in each unit: _____
- iv) Specify carbon breakthrough time: _____

(The method used to calculate breakthrough time must be included in the submittal.)

d) If filters are used, please provide the following information:

- i) Rated flow capacity of each unit(s) (in GPM): _____
- ii) Arrangement of particulate filters within the system: ☐ Parallel ☐ Series

e) Solids disposal method: _____

f) If other components are included, please specify: _____

9) Regional Information: [Required by [15A NCAC 02H .0105\(c\)\(1\)](#)]

- a) Receiving Stream – What is the name of the body or bodies of water (creek, stream, river, lake, etc.) that the facility wastewater discharges into that is classified *Waters of the State*? If the wastewater discharge is to a separate storm sewer system (4S), name the operator of the 4S (e.g. City of Raleigh). _____
- b) Stream Classification – Verify the stream classification for the receiving stream (i.e. WS-IV, C, SA, etc.): _____
- c) Site Evaluation – Contact [DEQ's local Regional Office](#) to schedule a site visit to map the hydrological convergence of effluent with the first-encountered waterbody so classified.

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- d) Area Map – Provide a map which shall trace the pathway of treated effluent from its source to its first contact with a waterbody classified *Waters of the State* (Google Map, 7.5-minute series USGS topographic map, or a photocopied portion thereof).
- e) Hydrologic Trespass – If the discharge proposes to trespass or empty onto other properties before reaching *waters of the state* (i.e., to public or private land, utility right-of-way, DOT easements, etc.), you must provide justification or secure the landowner's legal approval of said *hydrological trespass* by submitting documents to DWR as addendum to this application.

10) Site Environmental Assessment – Identifying Potential Pollutants of Concern (POCs)

Considering all environmental site-assessment data to date [site-use history, soil / groundwater analyses], complete Tables A, B and C (see attachment) by identifying all analytes as *Believed Present* or *Believed Absent*. You must sample for all analytes indicated as *Believed Present* using a NC-certified laboratory test method with a practical quantitation level (PQL) sufficiently sensitive and provide the results in the attached tables. Chemical analyses shall not exceed in age **three years older** than the date of this application.

11) Evaluation of Alternatives to Discharge to Waters of the State: [Evaluation required by [G.S. § 143-215.1\(b\)\(5\)\(a\)](#) and [15A NCAC 02H .0105\(c\)\(2\)](#)].

Address the feasibility of implementing discharge alternatives, as outlined in the Division's "[Engineering Alternatives Analysis \(EAA\) Guidance Document](#)". The alternatives should include:

- a) Connecting to a Municipal or Regional Sewer Collection System
- b) Subsurface disposal (including nitrification field, infiltration gallery, injection wells, etc.)
- c) Spray irrigation

The alternatives to discharge analysis should include boring logs and/or other information indicating that a subsurface system is neither feasible nor practical, as well as written confirmation indicating that connection to a local sewer system is not an option. It should also include a *present value of costs analysis (PVCA)*.

12) Additional Application Requirements:

For new or proposed discharges, the following information must be included with this application or it will be returned as incomplete; per [15A NCAC 02H .0105\(c\)](#).

- a) Site Map shall locate and identify monitoring wells, recovery wells, treatment system components, and discharge location.
- b) Flow Schematic documenting flow through the treatment system from influent to outfall, including anti-erosion structures and sample-port locations.
- c) Final Plans and Specifications for a treatment system (whether applying for a new or modified permit), which shall include a narrative description of treatment components, and shall be signed and sealed by a North Carolina-registered Professional Engineer. Plans and Specs shall be stamped "Final Design - Not Released for Construction," per [15A NCAC 02H .0139](#).
- d) Submittals by a Consulting Engineer or Engineering Firm applying on behalf of the Applicant shall include documentation that the engineer (or firm) is legally authorized to represent said applicant; per [15A NCAC 02H .0138\(b\)\(1\)](#).

CERTIFICATION

I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief such information is true, complete, and accurate.

Printed Name of Person Signing:

Title:

(Please review [15A NCAC 02H .0106\(e\)](#) for authorized signing officials)

(Signature of Applicant)

(Date Signed)

North Carolina General Statute [§ 143-215.6B](#) provides that:

Any person who knowingly makes any false statement representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under this Article or a rule implementing this Article; or who knowingly makes a false statement of a material fact in a rulemaking proceeding or contested case under this Article; or who falsifies, tampers with, or knowingly renders inaccurate any recording or monitoring device or method required to be operated or maintained under this Article or rules of the Commission implementing this Article, shall be guilty of a Class 2 misdemeanor which may include a fine not to exceed ten thousand dollars (\$10,000). [18 U.S.C. Section 1001](#) provides a punishment by a fine or imprisonment not more than 5 years, or both, for a similar offense.

◆ ◆ ◆ ◆ ◆

This application must be accompanied by a check or money order for **\$119.00** [per [G.S. § 143-215.3\(a\)\(1b\)](#)] made payable to:

NC Department of Environmental Quality

◆ ◆ ◆ ◆ ◆

Mail this application to:

NC DEQ / DWR / NPDES
Attention: Caroline Robinson
Compliance and Expedited Permitting Unit
1617 Mail Service Center
Raleigh, North Carolina 27699-1617

Final Checklist

This application will be returned as incomplete, as allowed by [15A NCAC 02H .0107\(b\)](#), unless all of the following items have been included:

- ☐ Complete application with all supporting documents (plus one copy of entire package)
- ☐ Complete attached Tables A, B and C – Site Environmental Assessment
- ☐ Check or money order for \$119.00, payable to NC Department of Environmental Quality
- ☐ Map or USGS quad sheet with location of facility clearly marked on map
- ☐ Plans and specifications signed and sealed by a North Carolina P.E. (if new or modified permit)
- ☐ Alternatives analysis (EAA) including present value of costs for all alternatives

Note: The submission of this document does not guarantee the issuance of an NPDES permit.

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SITE ENVIRONMENTAL ASSESSMENT IDENTIFYING POTENTIAL POLLUTANTS OF CONCERN (POCs)

The Division of Water Resources will not accept an application package unless the following **Tables A, B, and C** are completed. Failure to submit all required items may result in the application being returned.

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS [40 CFR 122.21(g)(7)(iii)] ¹										
	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
1.	Total suspended solids (TSS)	☐	Concentration							
			Mass							
2.	Flow	☐	Rate							
3.	pH (minimum)	☐	Standard units	s.u.						
	pH (maximum)	☐	Standard units	s.u.						

¹ 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 40 CFR 122.21(e)(3).

CONTINUE TO NEXT PAGE FOR TABLE B

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS [40 CFR 122.21(g)(7)(v)]¹

	Pollutant/Parameter (and CAS Number, if available)	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
Section 1. Toxic Metals, Cyanide, and Total Phenols										
1.1	Antimony, total (7440-36-0)	☐	☐	Concentration						
				Mass						
1.2	Arsenic, total (7440-38-2)	☐	☐	Concentration						
				Mass						
1.3	Beryllium, total (7440-41-7)	☐	☐	Concentration						
				Mass						
1.4	Cadmium, total (7440-43-9)	☐	☐	Concentration						
				Mass						
1.5	Chromium, total (7440-47-3)	☐	☐	Concentration						
				Mass						
1.6	Copper, total (7440-50-8)	☐	☐	Concentration						
				Mass						
1.7	Lead, total (7439-92-1)	☐	☐	Concentration						
				Mass						
1.8	Mercury, total (7439-97-6)	☐	☐	Concentration						
				Mass						
1.9	Nickel, total (7440-02-0)	☐	☐	Concentration						
				Mass						
1.10	Selenium, total (7782-49-2)	☐	☐	Concentration						
				Mass						
1.11	Silver, total (7440-22-4)	☐	☐	Concentration						
				Mass						

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	Pollutant/Parameter (and CAS Number, if available)	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)	☐	☐	Concentration						
				Mass						
1.13	Zinc, total (7440-66-6)	☐	☐	Concentration						
				Mass						
1.14	Cyanide, total (57-12-5)	☐	☐	Concentration						
				Mass						
1.15	Phenols, total	☐	☐	Concentration						
				Mass						
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)										
2.1	Acrolein (107-02-8)	☐	☐	Concentration						
				Mass						
2.2	Acrylonitrile (107-13-1)	☐	☐	Concentration						
				Mass						
2.3	Benzene (71-43-2)	☐	☐	Concentration						
				Mass						
2.4	Bromoform (75-25-2)	☐	☐	Concentration						
				Mass						
2.5	Carbon tetrachloride (56-23-5)	☐	☐	Concentration						
				Mass						
2.6	Chlorobenzene (108-90-7)	☐	☐	Concentration						
				Mass						
2.7	Chlorodibromomethane (124-48-1)	☐	☐	Concentration						
				Mass						
2.8	Chloroethane (75-00-3)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
2.10	Chloroform (67-66-3)	☐	☐	Concentration						
				Mass						
2.11	Dichlorobromomethane (75-27-4)	☐	☐	Concentration						
				Mass						
2.12	1,1-dichloroethane (75-34-3)	☐	☐	Concentration						
				Mass						
2.13	1,2-dichloroethane (107-06-2)	☐	☐	Concentration						
				Mass						
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	Concentration						
				Mass						
2.15	1,2-dichloropropane (78-87-5)	☐	☐	Concentration						
				Mass						
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	Concentration						
				Mass						
2.17	Ethylbenzene (100-41-4)	☐	☐	Concentration						
				Mass						
2.18	Methyl bromide (74-83-9)	☐	☐	Concentration						
				Mass						
2.19	Methyl chloride (74-87-3)	☐	☐	Concentration						
				Mass						
2.20	Methylene chloride (75-09-2)	☐	☐	Concentration						
				Mass						
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
2.23	Toluene (108-88-3)	☐	☐	Concentration						
				Mass						
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	Concentration						
				Mass						
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	Concentration						
				Mass						
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	Concentration						
				Mass						
2.27	Trichloroethylene (79-01-6)	☐	☐	Concentration						
				Mass						
2.28	Vinyl chloride (75-01-4)	☐	☐	Concentration						
				Mass						
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)										
3.1	2-chlorophenol (95-57-8)	☐	☐	Concentration						
				Mass						
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	Concentration						
				Mass						
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	Concentration						
				Mass						
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	Concentration						
				Mass						
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
3.7	4-nitrophenol (100-02-7)	☐	☐	Concentration						
				Mass						
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	Concentration						
				Mass						
3.9	Pentachlorophenol (87-86-5)	☐	☐	Concentration						
				Mass						
3.10	Phenol (108-95-2)	☐	☐	Concentration						
				Mass						
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	Concentration						
				Mass						
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)										
4.1	Acenaphthene (83-32-9)	☐	☐	Concentration						
				Mass						
4.2	Acenaphthylene (208-96-8)	☐	☐	Concentration						
				Mass						
4.3	Anthracene (120-12-7)	☐	☐	Concentration						
				Mass						
4.4	Benzidine (92-87-5)	☐	☐	Concentration						
				Mass						
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	Concentration						
				Mass						
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	Concentration						
				Mass						
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	Concentration						
				Mass						
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	Concentration						
				Mass						
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	Concentration						
				Mass						
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	Concentration						
				Mass						
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	Concentration						
				Mass						
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	Concentration						
				Mass						
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	Concentration						
				Mass						
4.16	2-chloronaphthalene (91-58-7)	☐	☐	Concentration						
				Mass						
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	Concentration						
				Mass						
4.18	Chrysene (218-01-9)	☐	☐	Concentration						
				Mass						
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	Concentration						
				Mass						
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	Concentration						
				Mass						
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	Concentration						
				Mass						
4.24	Diethyl phthalate (84-66-2)	☐	☐	Concentration						
				Mass						
4.25	Dimethyl phthalate (131-11-3)	☐	☐	Concentration						
				Mass						
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	Concentration						
				Mass						
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	Concentration						
				Mass						
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	Concentration						
				Mass						
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	Concentration						
				Mass						
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	Concentration						
				Mass						
4.31	Fluoranthene (206-44-0)	☐	☐	Concentration						
				Mass						
4.32	Fluorene (86-73-7)	☐	☐	Concentration						
				Mass						

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		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)	☐	☐	Concentration						
				Mass						
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	Concentration						
				Mass						
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	Concentration						
				Mass						
4.36	Hexachloroethane (67-72-1)	☐	☐	Concentration						
				Mass						
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	Concentration						
				Mass						
4.38	Isophorone (78-59-1)	☐	☐	Concentration						
				Mass						
4.39	Naphthalene (91-20-3)	☐	☐	Concentration						
				Mass						
4.40	Nitrobenzene (98-95-3)	☐	☐	Concentration						
				Mass						
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	Concentration						
				Mass						
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	Concentration						
				Mass						
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	Concentration						
				Mass						
4.44	Phenanthrene (85-01-8)	☐	☐	Concentration						
				Mass						
4.45	Pyrene (129-00-0)	☐	☐	Concentration						
				Mass						

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS [40 CFR 122.21(g)(7)(v)]¹

	Pollutant/Parameter (and CAS Number, if available)	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)	☐	☐	Concentration							
				Mass							
Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)											
5.1	Aldrin (309-00-2)	☐	☐	Concentration							
				Mass							
5.2	α-BHC (319-84-6)	☐	☐	Concentration							
				Mass							
5.3	β-BHC (319-85-7)	☐	☐	Concentration							
				Mass							
5.4	γ-BHC (58-89-9)	☐	☐	Concentration							
				Mass							
5.5	δ-BHC (319-86-8)	☐	☐	Concentration							
				Mass							
5.6	Chlordane (57-74-9)	☐	☐	Concentration							
				Mass							
5.7	4,4'-DDT (50-29-3)	☐	☐	Concentration							
				Mass							
5.8	4,4'-DDE (72-55-9)	☐	☐	Concentration							
				Mass							
5.9	4,4'-DDD (72-54-8)	☐	☐	Concentration							
				Mass							
5.10	Dieldrin (60-57-1)	☐	☐	Concentration							
				Mass							
5.11	α-endosulfan (115-29-7)	☐	☐	Concentration							
				Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS [40 CFR 122.21(g)(7)(v)]¹

	Pollutant/Parameter (and CAS Number, if available)	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)	☐	☐	Concentration						
				Mass						
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	Concentration						
				Mass						
5.14	Endrin (72-20-8)	☐	☐	Concentration						
				Mass						
5.15	Endrin aldehyde (7421-93-4)	☐	☐	Concentration						
				Mass						
5.16	Heptachlor (76-44-8)	☐	☐	Concentration						
				Mass						
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	Concentration						
				Mass						
5.18	PCB-1242 (53469-21-9)	☐	☐	Concentration						
				Mass						
5.19	PCB-1254 (11097-69-1)	☐	☐	Concentration						
				Mass						
5.20	PCB-1221 (11104-28-2)	☐	☐	Concentration						
				Mass						
5.21	PCB-1232 (11141-16-5)	☐	☐	Concentration						
				Mass						
5.22	PCB-1248 (12672-29-6)	☐	☐	Concentration						
				Mass						
5.23	PCB-1260 (11096-82-5)	☐	☐	Concentration						
				Mass						
5.24	PCB-1016 (12674-11-2)	☐	☐	Concentration						
				Mass						

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS [40 CFR 122.21(g)(7)(v)]¹

	Pollutant/Parameter (and CAS Number, if available)	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)	☐	☐	Concentration						
				Mass						

¹ 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 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)]¹

	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
1.	Bromide (24959-67-9)	☐	☐	Concentration							
				Mass							
2.	Chlorine, total residual	☐	☐	Concentration							
				Mass							
3.	Color	☐	☐	Concentration							
				Mass							
4.	Fecal coliform	☐	☐	Concentration							
				Mass							
5.	Fluoride (16984-48-8)	☐	☐	Concentration							
				Mass							
6.	Nitrate-nitrite	☐	☐	Concentration							
				Mass							
7.	Nitrogen, total organic (as N)	☐	☐	Concentration							
				Mass							
8.	Oil and grease	☐	☐	Concentration							
				Mass							
9.	Phosphorus (as P), total (7723-14-0)	☐	☐	Concentration							
				Mass							
10.	Sulfate (as SO ₄) (14808-79-8)	☐	☐	Concentration							
				Mass							
11.	Sulfide (as S)	☐	☐	Concentration							
				Mass							

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TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS [40 CFR 122.21(g)(7)(vi)]¹

	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 ₃) (14265-45-3)	☐	☐	Concentration							
				Mass							
13.	Surfactants	☐	☐	Concentration							
				Mass							
14.	Aluminum, total (7429-90-5)	☐	☐	Concentration							
				Mass							
15.	Barium, total (7440-39-3)	☐	☐	Concentration							
				Mass							
16.	Boron, total (7440-42-8)	☐	☐	Concentration							
				Mass							
17.	Cobalt, total (7440-48-4)	☐	☐	Concentration							
				Mass							
18.	Iron, total (7439-89-6)	☐	☐	Concentration							
				Mass							
19.	Magnesium, total (7439-95-4)	☐	☐	Concentration							
				Mass							
20.	Molybdenum, total (7439-98-7)	☐	☐	Concentration							
				Mass							
21.	Manganese, total (7439-96-5)	☐	☐	Concentration							
				Mass							
22.	Tin, total (7440-31-5)	☐	☐	Concentration							
				Mass							
23.	Titanium, total (7440-32-6)	☐	☐	Concentration							
				Mass							

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TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS [40 CFR 122.21(g)(7)(vi)] ¹											
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		
24. Radioactivity											
Alpha, total	☐	☐	Concentration								
			Mass								
Beta, total	☐	☐	Concentration								
			Mass								
Radium, total	☐	☐	Concentration								
			Mass								
Radium 226, total	☐	☐	Concentration								
			Mass								

¹ 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 40 CFR 122.21(e)(3).