NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

NPDES and State Permits Section
PO Box 98922
Lincoln, NE 68509-8922

P: 402-471-2186
F: 402-471-2909
http://dee.ne.gov

1 & 2CD – NPDES Permit Application to Discharge Wastewater NEW and EXISTING MANUFACTURING OPERATIONS

a. *All new and existing manufacturing, commercial, mining, or silvicultural facilities that discharge or are proposing to discharge process wastewater into any waters of the state are required to apply for and have a permit to discharge as required by 40 CFR 122.21 (g) or (k).*
b. *All permittees with a currently effective permit shall submit a new application 180 days before the expiration date of the existing permit.*
c. *Facilities proposing a new discharge must submit an application 180 days prior to the date proposed for commencing operation.*
d. *In the case of a facility that has yet to commence discharge, provide all information available at the time the application is completed.*
e. *If you do not have enough space on the form to answer a question, you may continue on additional sheets, as necessary, using a format consistent with this form.*

NDEE Facility ID	NPDES Permit Number NE

SECTION 1: General Information

40 CFR 122.21(f)(1) to (10)

1.1 Facility Information

Facility Legal Name		
Mailing Address (Street or PO Box)		
City or Town	State	Zip Code
Contact Name (first and last)	Title	
Phone number	Email address	
Location address (if different than mailing address) ☐ Same as mailing address		County
City or Town	State	Zip Code
Facility Latitude (decimal degrees)	Facility Longitude (decimal degrees)	

1.2 Owner or Operator Information (Applicant/Permittee)

a. *The legal entity that controls the facility's operation and is subject to regulations, rather than the plant or site manager.*

Owner or Operator Name		Owner: ☐ YES ☐ NO
Address (Street or PO Box)		
City or Town	State	Zip Code
Phone number	Email address	

Operator Status
☐ Public-federal ☐ Public-state ☐ Other public (specify)_____
☐ Private ☐ Other (specify) _____

1.3 Existing Environmental Permits

a. Indicate below any existing environmental permit received or have applied for.

b. Check all that apply. Include the corresponding permit number and approval date for each.

☐ Industrial Storm Water	☐ RCRA (hazardous waste)	☐ PSD, NESHAPS, Nonattainment (CAA)
☐ Construction Storm Water	☐ UIC (underground injection control)	☐ Other CAA (specify)
☐ Other NPDES (specify)	☐ Dredge or Fill (CWA 404)	☐ Other (specify)

1.4 SIC and NAICS Codes

a. List, in descending order of significance, up to four 4-digit standard industrial classification (SIC) codes and North American Industrial Classification System (NAICS) codes that best describe your facility in terms of the principal products or services it produces or provides.

SIC Code	Description (optional)

NAICS Code	Description (optional)

1.5 Indian Country

Is the facility located in Indian Country?

☐ Yes ☐ No

1.6 Variance Requests

a. Consult with the Department to determine what additional information is needed.

Do you intend to request or renew a variance authorized at 40 CFR 122.21(m)?

☐ Yes ☐ No ☐ Not applicable (NA)

1.7 Cooling Water Intake Structures

a. Facilities that use cooling water intake structures as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with the Department to determine what additional information is needed.

Does your facility use cooling water?

☐ Yes ☐ No

If yes, identify the source of cooling water.

1.8 Topographic Map

Attach a topographic map to this application (or other map if topographic map is unavailable) extending at least one mile beyond property boundaries of the source, depicting the facility and each of its intake and discharge structures. See 40 CFR 122.21(f)(7) for complete requirements.

☐ Completed and Attached

1.9 Nature of Business

Briefly describe the nature of the business.

SECTION 2: Information on Effluent Discharges

40 CFR 122.21(g) and (k)

2.1 Description of Outfalls 40 CFR 122.21(g)(1) and (k)(1)

Provide information below for each outfall.

Outfall #	Receiving Water Name	Latitude (decimal degrees)	Longitude (decimal degrees)

2.2 Discharge Date 40 CFR 122.21(k)(2)

If the facility is a new discharger, provide the expected commencement of discharge date:

☐ NA

2.3 Average Flows and Treatment 40 CFR 122.21 (g)(3) and (k)(3)(i)

a. For each outfall identified under item 2.1, provide the following information:

- *All processes, operations, or production areas that contribute wastewater to the effluent of the outfall, including process wastewater, cooling water, and storm water runoff. You may estimate the average flow of point sources composed of storm water; the basis for the rainfall event and the method of estimation must be indicated;*
- *Average flow of wastewater contributed by each operation in million gallons per day (mgd);*
- *Description of the treatment unit (such as disinfection, grit removal, aeration, etc.), including size of treatment unit, flow rate through each treatment unit, retention time, etc.; and*
- *The ultimate disposal of any solid or fluid wastes other than by discharge.*

Outfall # _____

Operations Contributing to Flow

Process/Operation/Production Area	Average Flow
	mgd
	mgd
	mgd

Treatment Units

Description	Final Disposal other than by Discharge

Outfall # _____

Operations Contributing to Flow

Process/Operation/Production Area	Average Flow
	mgd

Continued from previous page

	mgd
	mgd

Treatment Units	
Description	Final Disposal other than by Discharge

Outfall # _____

Operations Contributing to Flow	
Process/Operation/Production Area	Average Flow
	mgd
	mgd
	mgd

Treatment Units	
Description	Final Disposal other than by Discharge

If you are also applying for an NPDES permit to operate a privately owned treatment works, attach a list that identifies each user of the treatment works.

☐ List attached ☐ Application 2A attached ☐ NA

2.4 Intermittent or Seasonal Flows **40 CFR 122.21 (g)(4) and (k)(3)(iii)**

a. Except for storm water runoff, leaks, or spills, if any of the discharges or expected discharges described in section 2.3 are seasonal or intermittent, complete the table.

b. Discharges caused by routine maintenance shutdowns, process changes, or other similar activities are not considered to be intermittent.

c. A discharge is seasonal if it occurs only during certain parts of the year.

d. The frequency is the average recurrence rate of the discharge (in days per week and months per year). The duration is the average value of time during which the discharge occurs (in days).

☐ NA

Outfall #	Operation	Frequency		Maximum Daily Flow Rate (mgd)	Duration (days)
		Average Days/Week	Average Months/Year		

Continued from previous page

2.5 Production 40 CFR 122.21 (g)(5) and (k)(4)

a. Indicate whether any effluent limitation guidelines (ELGs) promulgated under Section 304 of the Clean Water Act (CWA) apply to your facility.

b. All ELGs promulgated by EPA appear in the Federal Register and are published annually in 40 CFR Subchapter N - Effluent Guidelines and Standards.

c. An ELG applies if you have any operations contributing process wastewater in any subcategory covered by a Best Practicable Control Technology Currently Available (BPT), Best Conventional Pollutant Control Technology (BCT), or Best Available Technology Economically Achievable (BAT) guideline.

☐ NA

Provide the following information on applicable ELGs.

ELG Category	ELG Subcategory	Regulatory Citation

For existing facilities provide an actual measure of daily production expressed in terms and units of applicable ELGs. ☐ NA

Outfall #	Operation, Product, or Material	Quantity/Day	Unit of Measure

For new facilities, if the limitations in the applicable ELGs are expressed in terms of production (or other method of operation), provide an expected measure of average daily production expressed in terms and units of applicable ELGs for each of the first three years. ☐ NA

Outfall#	Year	Operation, Product, or Material	Quantity/Day	Unit of Measure
	1			
	2			
	3			
	1			
	2			
	3			
	1			
	2			
	3			

2.6 Effluent Characteristics/Pollutant Scan 40 CFR 122.21 (g)(7) and (k)(5)

a. Effluent testing/pollutant scan Tables A through E are attachments to Form 1&2CD. Instructions for completing the tables are table-specific, as are the criteria for determining which tables are required. Read Attachment B: "General Instructions for Reporting, Sampling, and Analysis" before completing the applicable Tables. Additional guidance is located at http://dee.ne.gov All ELGs promulgated by EPA appear in the Federal Register and are published annually in 40 CFR Subchapter N- Effluent Guidelines and Standards.

b. *For new dischargers, you are not required to conduct actual sampling and analysis at this time. If, however, data from such analyses are available, you must report those data. Note that no later than 24 months after you begin discharging from the proposed facility, you must complete and submit quantitative data for the pollutants and parameters in Tables A through E, if applicable. However, you need not report results for tests you have already performed and reported under the discharge monitoring requirements of your NPDES permit.*

c. *Existing data may be used, if available, in lieu of sampling done solely for the purpose of this application provided that:*
   - *All data requirements are met;*
   - *Sampling was performed, collected, and analyzed no more than 4.5 years prior to submission;*
   - *All data are representative of the discharge; and*
   - *All available representative data are considered in the values reported.*

d. *At your request, the Department may waive the requirement to test for one or more of the listed pollutants for specific outfalls, upon a determination that available information is adequate to support issuance of your NPDES permit.*

Table A. Conventional and Non-Conventional Pollutants
All applicants must report quantitative data for each pollutant listed in Table A for each outfall unless a waiver is approved by the Department. Complete **Table A** and attach the results to the application. ☐ Completed and Attached ☐ Waiver requested for one or more pollutant for one or more outfall, Attached
Table B: Certain Conventional and Non-Conventional Pollutants
Indicate on Table B whether you know or have reason to believe that any of the pollutants listed in the table are present or expected in your discharge. Compete **Table B** as required and attach the results to the application. ☐ Completed and Attached
Table C: Toxic Metals, Cyanide, and Total Phenols
Indicate on Table C whether you know or have reason to believe that any of the pollutants listed in the table are present or expected in your discharge. Compete **Table C** as required and attach the results to the application. ☐ Completed and Attached
Table D: Organic Toxic Pollutants (GC/MS Fractions)
Indicate on Table D whether you know or have reason to believe that any of the pollutants listed in the table are present or expected in your discharge. Compete **Table D** as required and attach the results to the application. ☐ Completed and Attached ☐ OR Qualifies for small business exemption according to criteria specified on Table D
Table E: Certain Hazardous Substances and Asbestos
Indicate on Table E whether you know or have reason to believe that any of the pollutants listed in the table are present or expected in your discharge. Compete **Table E** as required and attach the results to the application. ☐ Completed and Attached
Table F: 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)
Indicate on Table F whether the facility uses or manufactures one or more of the 2,3,7,8-TCDD congeners listed on the table, or if you know or have reason to believe that TCDD is or may be present in the effluent. Compete **Table F** as required and attach the results to the application. ☐ Completed and Attached
Intake Credits
If you are applying for net credits for the presence of any of the pollutants on Tables A through F for any of your outfalls, consult with the Department and attach a short statement of why you believe you are eligible (see 40 CFR 122.45(g)). ☐ Intake Credit Statement attached ☐ NA

2.7 Used or Manufactured Toxics 40 CFR 122.21(g)(9)

For existing facilities, list below any toxic pollutant from Tables C or D which the applicant currently uses or manufactures as an intermediate or final product or byproduct.

☐ Waiver requested ☐ NA

1.	2.	3.
4.	5.	6.
7.	8.	9.

2.8 Biological Toxicity Tests 40 CFR 122.21(g)(11)

For existing facilities, identify below if 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.

☐ NA

Test(s)	Purpose of test(s)	Submitted to NDEE	Date Submitted
		☐ Y ☐ N	
		☐ Y ☐ N	
		☐ Y ☐ N	

2.9 Contract Analyses 40 CFR 122.21(g)(12)

If any of the analyses reported in Section 2 of this application were performed by a contract laboratory or consulting firm, complete the information below.

☐ NA

	Laboratory/Firm 1	Laboratory/Firm 2	Laboratory/Firm 3
Name of Laboratory/Firm			
Laboratory/Firm Address			
Phone Number			
Pollutant(s) Analyzed			

SECTION 3: Additional Information

40 CFR 122.21(g) and (k)

3.1 Line Drawing 40 CFR 122.21(g)(2) and (k)(3)(ii)

Attach a line drawing of the water flow through the facility with a water balance, showing operations contributing wastewater to the effluent and treatment units. You may group similar operations into a single unit. The water balance must show approximate average flows at intake and discharge points and between units.

☐ Completed and Attached

3.2 Improvements 40 CFR 122.21(g)(6)

For existing facilities, briefly describe below any present requirements or compliance schedules for constructing, upgrading, or operating of wastewater treatment equipment or practices. The requirements include, but are not limited to, permit conditions, administrative enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ NA

Requirement Type	Brief Description	Final Compliance Dates	
		Required	Projected

3.3 Engineering Report 40 CFR 122.21(k)(6)

For new facilities, if the applicant has any technical evaluation of the wastewater treatment, including engineering reports or pilot plant studies, include the documents with this application

☐ Attached ☐ NA

New facilities, if you are aware of existing plants with similar production processes, wastewater constituents, or wastewater treatment include name and location below.

☐ NA

Name of Similar Plant	Location of Similar Plant

3.4 Other Information 40 CFR 122.21(g)(13) and (k)(7)

Has the Department requested additional information?

☐ Yes, Attached ☐ No

List of requested information attached. ☐ NA

1.

2.

3.

Have you attached any optional information that you would like considered?

☐ Yes, Attached ☐ No

List of optional information attached. ☐ NA

1.

2.

3.

SECTION 4: Checklist and Certification Statement

40 CFR 122.22(a) and (d)

4.1 Checklist

a. In Column 1 below, mark the sections of Combined Form 1 & 2CD that you have completed and are submitting.

b. For each section, specify in Column 2 any attachments you are including.

*c. **Bolded items are required by all applicants.***

Form 2A Sections	Attachments
☐ SECTION 1: **General Facility Information**	☐ Variance Request ☐ **Topographic Map** ☐ Additional Attachments
☐ SECTION 2: **Information on Effluent Discharges**	☐ **Table A** ☐ Waiver request for any or all pollutants in Table A ☐ **Table B** ☐ **Table C** ☐ **Table D** ☐ **Table E** ☐ **Table F** ☐ Intake Credit Statement ☐ Additional Attachments
☐ SECTION 3: **Additional Information**	☐ **Line Drawing with Water Balance** ☐ Engineering Report or Technical Evaluation ☐ Additional Information
☐ SECTION 4: **Checklist and Certification Statement**	☐ **Signatory Authorization Form (SAF)** ☐ Additional Attachments

4.2 Certification

a. Complete and submit with the application Attachment A: Signatory Authorization Form (SAF) for designating the Certifying Official.

☐ Completed and Attached

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. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. If this permit is granted, I agree to abide by the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 et seq. as amended to date), and the Rules and Regulations promulgated pursuant to these Acts.

Certifying Official, *per Title 119, Chapter 13, see SAF*	Title

Signature	Date

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NPDES & NPP Signatory Authorization Form (NDEE, Title 119, Chapter 13)

a. *Complete this form to identify or update contact information pertaining to the facility.*
b. *Do not use home or personal addresses, unless necessary.*
c. *Send to the Department with any application; or with any change or new authorization prior to, or together with, any reports, information, or applications.*
d. ***This form must be signed by the Certifying Official.***

NDEE Facility ID	NPDES Permit Number NE

Facility Information

Facility Legal Name		
Mailing Address (Street or PO Box)		
City or Town	State	Zip Code

Applicant/Permittee

a. *The name of company, business, governmental entity, or person that owns the facility and will be responsible for the permit compliance.*

Applicant/Permittee

Certifying Official (Responsible Official in NetDMR)

a. *Person responsible for the permit, signing applications, signing DMRs or designating someone to sign DMRs (Duly Authorized Representative), and other correspondence.*
b. *Those qualified for the designation of Certifying Official are:*
   - for a corporation, by a responsible corporate officer;
   - for a partnership or sole proprietorship, by a general partner or proprietor, respectively;
   - for a municipal, State, Federal, or other public agency, by a principal executive officer or ranking elected official.

Certifying Official Name (first and last)	Title
Phone number	Email address
Address (if different than facility address)	☐ Same as facility address
City or Town	State / Zip Code

Duly Authorized Representative (Signatory in NetDMR)

a. *Person designated by the Certifying Official, and is responsible for receiving, completing, and signing DMRs, and receiving other correspondence.*
b. *For additional Authorized Representative, use the space provided on page 2.*

☐ **Certifying Official will be signing DMRs (do not complete this section)**

Authorized Representative Name (first and last)	Title
Phone number	Email address
Address (if different than facility address)	☐ Same as facility address
City or Town	State / Zip Code

Operator

a. *Person responsible for the operation and maintenance of the plant.*
b. *Facilities requiring certified operators shall meet the requirements of NDEE Title 197, and Title 123, chapter 11.*
c. *If you represent this Facility as/for a Contractor, complete the contractor information.*

Operator Name (first and last)	Classification	Certification #

Phone number	Email address

Mailing Address (Street or PO Box) ☐ Same as facility mailing address

City or Town	State	Zip Code

Contractor Name ☐ Not Applicable

Contractor Phone number	Contractor Email address

Contractor Mailing Address (Street or PO Box)

City or Town	State	Zip Code

Additional Information

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

Certifying Official Signature

Printed Name	Date

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Attachment B: General Instructions for Reporting Sampling and Analysis

Important note: Read these instructions before completing Tables A through F.

General Items

Complete the applicable tables for each outfall at your facility. Be sure to note the NDEE facility ID Number, NPDES permit number, facility name, and applicable outfall number at the top of each page of the tables and any associated attachments.

You may report some or all of the required data by attaching separate sheets of paper instead of completing Tables A through F for each of your outfalls, so long as the sheets contain all of the required information and are similar in format to Tables A through F. For example, you may be able to print a report in a compatible format from the data system used in your analysis of metals completed under Table B.

For some pollutants, you may be required to check the box in the "Testing Required" column and test and report the levels of the pollutants in your discharge whether or not you expect them to be present in your discharge. For all other pollutants, you must check the box in either the "Believed Present" or "Believed Absent" columns based on your best estimate and test for those you believe to be present (with some exceptions). Base your determination that a pollutant is present in or absent from your discharge on your knowledge of your raw materials, maintenance chemicals, intermediate and final products and byproducts, and any previous analyses known to you of your effluent or similar effluent. For example, if you manufacture pesticides, you should expect those pesticides to be present in contaminated storm water runoff.

If you would expect a pollutant to be present solely because of its presence in your intake water, you must mark "Believed Present" but you are not required to analyze for that pollutant. Instead, mark an "X" in the long-term average value of the "Intake" column; optionally, you may instead provide intake data.

Note for new dischargers. You are NOT required to conduct actual sampling and analysis at this time. If, however, data from such analyses are available, you must report those data. Provide all information available to you at the time you complete Form 1 & 2CD. If you do not have information to respond to an item because your facility has yet to discharge, write or type "data are not available" next to the item on the form. Note that you are required to submit *actual* data no later than 24 months after your facility commences discharge.

Reporting of Effluent Data

Provide data for each outfall through which effluent is discharged. When an applicant has two or more outfalls with substantially identical effluents, the Department may allow the applicant to test only one outfall and report that quantitative data as applying to the substantially identical outfall. If the permitting authority grants your request, attach a separate sheet to the application form identifying the outfall tested and describing why the other outfall(s) are substantially identical.

Existing data may be used, if available, in lieu of sampling conducted solely for the purposes of this application, provided that: all data requirements are met; sampling was performed, collected, and analyzed no more than 4.5 years prior to submission; all data are representative of the discharge; and all available representative data are considered in the values reported.

Report sampling results for all pollutants in Tables A through C as concentration *and* total mass, except for flow, temperature, pH, color, and fecal coliform organisms. If you are reporting quantitative data under Table D, report concentration only.

Flow, temperature, pH, color, and fecal coliform organisms must be reported as million gallons per day (mgd), degrees Fahrenheit (°F), standard units, color units, and most probable number per 100 milliliters (MPN/100 mL), respectively. Use the following abbreviations in the columns requiring "units".

Concentration	Mass
ppm = parts per million	lbs = pounds
mg/L = milligrams per liter	ton = tons (English tons)
ppb = parts per billion	mg = milligrams
µg/L = micrograms per liter	g = grams
MPN = most probable number per 100 milliliters	kg = kilograms
	T = tonnes (metric tons)

All reporting of values for metals must be in terms of "total recoverable metal," unless: an applicable, promulgated ELG specifies the limitation for the metal in dissolved, valent, or total form; all approved analytical methods for the metal inherently measure only its dissolved form (e.g., hexavalent chromium); or, the Department has determined that in establishing case-by-case limitations it is necessary to express the limitations of the metal in dissolved, valent, or total form to carry out the provisions of the CWA.

For composite samples, the daily value is the total mass or average concentration found in a composite sample taken over the operating hours of the facility during a 24-hour period. For grab samples, the daily value is the arithmetic or flow-weighted total mass or average concentration found in a series of at least four grab samples taken over the operating hours of the facility during a 24-hour period.

If you measure more than one daily value for a pollutant and those values are representative of your wastestream, you must report them. You must describe your method of testing and data analysis.

Note for new dischargers. Several tables require you to provide estimates for pollutants you believe will be present in your discharge or will be limited directly by an ELG or indirectly through promulgated limitations on an indicator pollutant. Base your determination of whether a pollutant will be present in your discharge on your knowledge of the proposed facility's raw materials, maintenance chemicals, intermediate and final products, byproducts, and any analyses of any pollutant (you are required to report it). For those pollutants you believe will be present in the discharge, you are to provide the maximum daily and average daily concentration *and* total mass and the source of the information

Reporting of Intake Data

You are not required to report data under the "Intake" columns of Tables A through C unless you wish to demonstrate your eligibility for a "net" effluent limitation for one or more pollutants in Tables A through C (i.e., an effluent limitation adjusted by subtracting the average level of the pollutant(s) present in your intake water).

NPDES regulations allow net limitations only in certain circumstances. To demonstrate your eligibility, under the "Intake" columns report the average of the results of analyses of your intake water and discuss the requirements for a net limitation with NDEE. If your water is treated before use, test the water after it has been treated.

Sampling

The collection of samples for the reported analyses should be supervised by a person experienced in performing sampling of industrial wastewater. You may contact NDEE for guidance on sampling techniques and for answers to specific questions. Any specific requirements in the applicable analytical methods—for example, sample containers, sample preservation, holding times, and the collection of duplicate samples—must be followed.

The time when you sample should be representative of your normal operation, to the extent feasible, with all processes that contribute wastewater in normal operation, and with your treatment system operating properly with no system upsets. Collect samples from the center of the flow channel, where turbulence is at a maximum, at a site specified in your present NPDES permit, or at any site adequate for the collection of a representative sample.

Grab samples must be used for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, fecal coliform (including *E. coli*), and enterococci (previously known as fecal streptococcus at 40 CFR 122.26(d)(2)(iii)(A)(3)), and volatile organic compounds.

For all other pollutants, a 24-hour composite sample, using a minimum of four grab samples, must be used unless specified otherwise at 40 CFR 136. However, a minimum of one grab sample may be taken for effluents from holding ponds or other impoundments with a retention period greater than 24 hours.

NDEE may waive composite sampling requirements for any outfall for which you demonstrate that use of an automatic sampler is infeasible and that the minimum of four grab samples will be representative of your discharge. Results of analyses of individual grab samples for any parameter may be averaged to obtain the daily average. Grab samples that are not required to be analyzed immediately may be composited in the laboratory, if the container, preservation, and holding time requirements are met and if sample integrity is not compromised during compositing. See Table II at 40 CFR 136.3 for further information.

A **grab sample** is an individual sample of at least 100 milliliters collected at a randomly chosen time over a period not exceeding 15 minutes.

A **composite sample** is a combination of at least eight sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period. The composite must be flow proportional; either the time interval between each aliquot or the volume of each aliquot must be proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

Aliquots may be collected manually or automatically. For "GC/MS Fraction—Volatile Compounds" in Table B, aliquots must be combined in the laboratory immediately before analysis. Four (rather than eight) aliquots or grab samples should be collected for this fraction. These four samples should be collected during actual hours of discharge over a 24-hour period and need not be flow proportioned. Only one analysis is required.

Analysis

Except as specified below, all required quantitative data shall be collected in accordance with sufficiently sensitive analytical methods approved under 40 CFR 136 or required under 40 CFR chapter I, subchapter N or O. A method is "sufficiently sensitive" when:

- The method minimum level (ML) is at or below the level of the applicable water quality criterion for the measured pollutant or pollutant parameter.
- The method ML is above the water quality criterion, but the amount of the pollutant or pollutant parameter in the facility's discharge is high enough that the method detects and quantifies the level of the pollutant or pollutant parameter in the discharge.
- The method has the lowest ML of the analytical methods approved under 40 CFR 136 or required under 40 CFR chapter I, subchapter N or O for the measured pollutant or pollutant parameter.

Consistent with 40 CFR 136, you may provide matrix- or sample-specific MLs rather than the published levels. Further, where you can demonstrate that, despite a good faith effort to use a method that would otherwise meet the definition of "sufficiently sensitive," the analytical results are not consistent with the quality assurance (QA)/quality control (QC) specifications for that method, then the NPDES permitting authority may determine that the method is not performing adequately and NDEE should select a different method from the remaining EPA-approved methods that is sufficiently sensitive consistent with 40 CFR 122.21(e)(3)(i). Where no other EPA-approved methods exist, you must select a method consistent with 40 CFR 122.21(e)(3)(ii).

When there is no analytical method that has been approved under 40 CFR 136; required under 40 CFR chapter I, subchapter N or O, and is not otherwise required by the NPDES permitting authority, you may use any suitable method but shall provide a description of the method. When selecting a suitable method, other factors such as a method's precision, accuracy, or resolution, may be considered when assessing the performance of the method.

FORM 1&2CD - TABLE A

Conventional and Non-Conventional Pollutants (40 CFR 122.21(g)(7)(iii) and (k)(5)(i))

***Note for new dischargers**. Indicate if you expect a pollutant to be present solely because of its presence in your intake water. For those pollutants you believe will be present in the discharge, you are to provide the maximum daily and average daily concentration and total mass and the source of the information (for example, engineering report, actual data from pilot plants, data from similar plants, best professional estimate).*

Check here if you have applied to your NPDES permitting authority for a waiver for *all* of the pollutants listed on this table for the noted outfall.

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent					Intake (Optional)		
				All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
				Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Biochemical oxygen demand (BOD_5)	☐	Concentration									☐ Y ☐ N
		Mass									☐ Y ☐ N
Chemical oxygen demand (COD)	☐	Concentration									☐ Y ☐ N
		Mass									☐ Y ☐ N
Total organic carbon (TOC)	☐	Concentration									☐ Y ☐ N
		Mass									☐ Y ☐ N
Total suspended solids (TSS)	☐	Concentration									☐ Y ☐ N
		Mass									☐ Y ☐ N

Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent					Intake (Optional)		
				All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
				Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Ammonia (as N)	☐	Concentration									☐ Y ☐ N
		Mass									☐ Y ☐ N
Flow	☐	Rate									☐ Y ☐ N
Temperature (winter)	☐	°F	°F								☐ Y ☐ N
Temperature (summer)	☐	°F	°F								☐ Y ☐ N
pH (minimum)	☐	Standard units	s.u.								☐ Y ☐ N
pH (maximum)	☐	Standard units	s.u.								☐ Y ☐ N

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 General Instructions for Reporting, Sampling, and Analysis and 40 CFR 122.21(e)(3).

NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

FORM 1&2CD - TABLE B

Certain Conventional and Non-Conventional Pollutants (40 CFR 122.21(g)(7)(vi) and (k)(5)(ii))

Note for new dischargers. *Indicate if you expect a pollutant to be present solely because of its presence in your intake water. For those pollutants you believe will be present in the discharge, you are to provide the maximum daily and average daily concentration and total mass and the source of the information (for example, engineering report, actual data from pilot plants, data from similar plants, best professional estimate).*

Check here if you believe all pollutants on Table B to be ***present*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table B for *each* pollutant.

Check here if you believe all pollutants on Table B to be ***absent*** in your discharge from the noted outfall. You need not complete Table B for the noted outfall *unless* you have quantitative data available.

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Bromide (24959-67-9)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Chlorine, total residual	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Color	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Fecal coliform	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Fluoride (16984-48-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Nitrate-nitrite	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Nitrogen, total organic (as N)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Oil and grease	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Phosphorus (as P), total (7723-14-0)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Sulfate (as SO4) (14808-79-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Sulfide (as S)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Sulfite (as SO3) (14265-45-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Surfactants	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Aluminum, total (7429-90-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Barium, total (7440-39-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Boron, total (7440-42-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Cobalt, total (7440-48-4)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Iron, total (7439-89-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Magnesium, total (7439-95-4)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Molybdenum, total (7439-98-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Manganese, total (7439-96-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Tin, total (7440-31-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Titanium, total (7440-32-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Radioactivity												
Alpha, total	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Beta, total	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Radium, total	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Radium 226, total	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

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 General Instructions for Reporting, Sampling, and Analysis and 40 CFR 122.21(e)(3).

NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

FORM 1&2CD - TABLE C

Toxic Metals, Cyanide, and Total Phenols (40 CFR 122.21(g)(7)(vi) and (k)(5)(iii)(A))

Note for new dischargers. *Indicate if you expect a pollutant to be present solely because of its presence in your intake water. For those pollutants you believe will be present in the discharge, you are to provide the maximum daily and average daily concentration and total mass and the source of the information (for example, engineering report, actual data from pilot plants, data from similar plants, best professional estimate).*

Check here if you believe all pollutants on Table C to be ***present*** in your discharge from the noted outfall. You need *not* complete the "Present or Absent" column of Table C for *each* pollutant.

Check here if you believe all pollutants on Table C to be ***absent*** in your discharge from the noted outfall. You need not complete Table C for the noted outfall *unless* you have quantitative data available.

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Antimony, total (7440-36-0)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Arsenic, total (7440-38-2)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Beryllium, total (7440-41-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Cadmium, total (7440-43-9)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Chromium, total (7440-47-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Copper, total (7440-50-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Lead, total (7439-92-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Mercury, total (7439-97-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Nickel, total (7440-02-0)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Selenium, total (7782-49-2)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Silver, total (7440-22-4)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Thallium, total (7440-28-0)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Zinc, total (7440-66-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Cyanide, total (57-12-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Phenols, total	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

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 General Instructions for Reporting, Sampling, and Analysis and 40 CFR 122.21(e)(3).

FORM 1&2CD - TABLE D

Organic Toxic Pollutants (GC/MS Fractions) (40 CFR 122.21(g)(7)(v) and (k)(5)(iii)(A))

Note for new dischargers. *Indicate if you expect a pollutant to be present solely because of its presence in your intake water. For those pollutants you believe will be present in the discharge, you are to provide the maximum daily and average daily concentration and total mass and the source of the information (for example, engineering report, actual data from pilot plants, data from similar plants, best professional estimate).*

Check here if you believe all pollutants on Table D to be ***present*** in your discharge from the noted outfall. You need *not* complete the "Present or Absent" column of Table D for *each* pollutant.

Check here if you believe all pollutants on Table D to be ***absent*** in your discharge from the noted outfall. You need not complete Table D for the noted outfall *unless* you have quantitative data available.

Check here if you qualify as a small business and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Table D. 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. You can qualify as a small business if your gross total annual sales for the most recent three years average less than $100,000 per year, you may submit sales data for those years instead of conducting analyses for the organic toxic pollutants. The production or sales data must be for the facility that is the source of the discharge. The data should not be limited to production or sales for the process or processes that contribute to the discharge, unless those are the only processes at your facility.

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent: All Dischargers – Maximum Daily Discharge (required)	Effluent: Existing Dischargers – Maximum Monthly Discharge (if available)	Effluent: Existing Dischargers – Number of Analyses	Effluent: New Dischargers – Average Daily Discharge (if available)	Effluent: New Dischargers – Information Source	Intake (Optional): Existing Dischargers – Long Term Average	Intake (Optional): Existing Dischargers – Number of Analyses	Intake (Optional): New Dischargers – Believed Present?
Volatile Compounds												
Acrolein (107-02-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Acrylonitrile (107-13-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Benzene (71-43-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Bromoform (75-25-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Carbon tetrachloride (56-23-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Chlorobenzene (108-90-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Chlorodibromomethane (124-48-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Chloroethane (75-00-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2-chloroethylvinyl ether (110-75-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Chloroform (67-66-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Dichlorobromomethane (75-27-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,1-dichloroethane (75-34-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,2-dichloroethane (107-06-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,1-dichloroethylene (75-35-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,2-dichloropropane (78-87-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,3-dichloropropylene (542-75-6)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Ethylbenzene (100-41-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Methyl bromide (74-83-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Methyl chloride (74-87-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Methylene chloride (75-09-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,1,2,2-tetrachloroethane (79-34-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Tetrachloroethylene (127-18-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Toluene (108-88-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,2-trans-dichloroethylene (156-60-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,1,1-trichloroethane (71-55-6)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,1,2-trichloroethane (79-00-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Trichloroethylene (79-01-6)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Vinyl chloride (75-01-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant/Parameter (CAS number, if available)	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Acid Compounds												
2-chlorophenol (95-57-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,4-dichlorophenol (120-83-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,4-dimethylphenol (105-67-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4,6-dinitro-o-cresol (534-52-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,4-dinitrophenol (51-28-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2-nitrophenol (88-75-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4-nitrophenol (100-02-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
p-chloro-m-cresol (59-50-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Pentachlorophenol (87-86-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Phenol (108-95-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,4,6-trichlorophenol (88-05-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Base/Neutral Compounds												
Acenaphthene (83-32-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Acenaphthylene (208-96-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Anthracene (120-12-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Benzidine (92-87-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Benzo (a) anthracene (56-55-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Benzo (a) pyrene (50-32-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
3,4-benzofluoranthene (205-99-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Benzo (ghi) perylene (191-24-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Benzo (k) fluoranthene (207-08-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Bis (2-chloroethyl) ether (111-44-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4-bromophenyl phenyl ether (101-55-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Butyl benzyl phthalate (85-68-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
2-chloronaphthalene (91-58-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Chrysene (218-01-9)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Dibenzo (a,h) anthracene (53-70-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
1,2-dichlorobenzene (95-50-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
1,3-dichlorobenzene (541-73-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
1,4-dichlorobenzene (106-46-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
3,3-dichlorobenzidine (91-94-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Diethyl phthalate (84-66-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Dimethyl phthalate (131-11-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Di-n-butyl phthalate (84-74-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,4-dinitrotoluene (121-14-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
2,6-dinitrotoluene (606-20-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Di-n-octyl phtha-late (117-84-0)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Fluoranthene (206-44-0)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Fluorene (86-73-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Hexachlorobenzene (118-74-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Hexachlorobutadiene (87-68-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Hexachlorocyclopent-adiene (77-47-4)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Hexachloroethane (67-72-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Isophorone (78-59-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Naphthalene (91-20-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Nitrobenzene (98-95-3)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
N-nitrosodimethyl-amine (62-75-9)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
N-nitrosodi-n-propyl-amine (621-64-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
N-nitrosodiphenyl-amine (86-30-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Phenanthrene (85-01-8)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Pyrene (129-00-0)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
1,2,4-trichlorobenzene (120-82-1)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Pesticides												
Aldrin (309-00-2)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
α-BHC (319-84-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
β-BHC (319-85-7)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
γ-BHC (58-89-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
δ-BHC (319-86-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Chlordane (57-74-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4,4'-DDT (50-29-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4,4'-DDE (72-55-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
4,4'-DDD (72-54-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Dieldrin (60-57-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
α-endosulfan (115-29-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
β-endosulfan (115-29-7)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
Endosulfan sulfate (1031-07-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Endrin (72-20-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Endrin aldehyde (7421-93-4)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Heptachlor (76-44-8)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
Heptachlor epoxide (1024-57-3)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
PCB-1242 (53469-21-9)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
PCB-1254 (11097-69-1)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
PCB-1221 (11104-28-2)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N
PCB-1232 (11141-16-5)	☐	☐	Concentration									☐Y ☐N
			Mass									☐Y ☐N

Pollutant	Believed Present	Believed Absent	Units (specify)		Effluent					Intake (Optional)		
					All Dischargers	Existing Dischargers		New Dischargers		Existing Dischargers		New Dischargers
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Number of Analyses	Average Daily Discharge (if available)	Information Source	Long Term Average	Number of Analyses	Believed Present?
PCB-1248 (12672-29-6)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
PCB-1260 (11096-82-5)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
PCB-1016 (12674-11-2)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N
Toxaphene (8001-35-2)	☐	☐	Concentration									☐ Y ☐ N
			Mass									☐ Y ☐ N

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 General Instructions for Reporting, Sampling, and Analysis and 40 CFR 122.21(e)(3).

FORM 1&2CD - TABLE E

Certain Hazardous Substance and Asbestos (40 CFR 122.21(g)(7)(vii) and (k)(5)(v))

Check here if you believe all pollutants on Table E to be ***absent*** in your discharge from the noted outfall. You need not complete Table E for the noted outfall *unless* you have quantitative data available.

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
Asbestos	☐	☐		
Acetaldehyde	☐	☐		
Allyl alcohol	☐	☐		
Allyl chloride	☐	☐		
Amyl acetate	☐	☐		
Aniline	☐	☐		
Benzonitrile	☐	☐		
Benzyl chloride	☐	☐		
Butyl acetate	☐	☐		

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
Butylamine	☐	☐		
Captan	☐	☐		
Carbaryl	☐	☐		
Carbofuran	☐	☐		
Carbon disulfide	☐	☐		
Chlorpyrifos	☐	☐		
Coumaphos	☐	☐		
Cresol	☐	☐		
Crotonaldehyde	☐	☐		
Cyclohexane	☐	☐		
2,4-D (2,4-dichlorophenoxyacetic acid)	☐	☐		
Diazinon	☐	☐		
Dicamba	☐	☐		
Dichlobenil	☐	☐		
Dichlone	☐	☐		

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
2,2-dichloropropionic acid	☐	☐		
Dichlorvos	☐	☐		
Diethyl amine	☐	☐		
Dimethyl amine	☐	☐		
Dintrobenzene	☐	☐		
Diquat	☐	☐		
Disulfoton	☐	☐		
Diuron	☐	☐		
Epichlorohydrin	☐	☐		
Ethion	☐	☐		
Ethylene diamine	☐	☐		
Ethylene dibromide	☐	☐		
Formaldehyde	☐	☐		
Furfural	☐	☐		
Guthion	☐	☐		

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
Isoprene	☐	☐		
Isopropanolamine	☐	☐		
Kelthane	☐	☐		
Kepone	☐	☐		
Malathion	☐	☐		
Mercaptodimethur	☐	☐		
Methoxychlor	☐	☐		
Methyl mercaptan	☐	☐		
Methyl methacrylate	☐	☐		
Methyl parathion	☐	☐		
Mevinphos	☐	☐		
Mexacarbate	☐	☐		
Monoethyl amine	☐	☐		
Monomethyl amine	☐	☐		
Naled	☐	☐		

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
Naphthenic acid	☐	☐		
Nitrotoluene	☐	☐		
Parathion	☐	☐		
Phenolsulfonate	☐	☐		
Phosgene	☐	☐		
Propargite	☐	☐		
Propylene oxide	☐	☐		
Pyrethrins	☐	☐		
Quinoline	☐	☐		
Resorcinol	☐	☐		
Strontium	☐	☐		
Strychnine	☐	☐		
Styrene	☐	☐		
2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	☐	☐		
TDE (tetrachlorodiphenyl ethane)	☐	☐		

Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	☐	☐		
Trichlorofon	☐	☐		
Triethanolamine	☐	☐		
Triethylamine	☐	☐		
Trimethylamine	☐	☐		
Uranium	☐	☐		
Vanadium	☐	☐		
Vinyl acetate	☐	☐		
Xylene	☐	☐		
Xylenol	☐	☐		
Zirconium	☐	☐		

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 General Instructions for Reporting, Sampling, and Analysis and 40 CFR 122.21(e)(3).

FORM 1&2CD - TABLE F

2,3,7,8 Tetrachlorodibenzo P Dioxin (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii)

NDEE Facility ID	NPDES Permit Number NE
Facility Name	Outfall Number

Pollutant	TCDD Congeners Used or Manufactured	Believed Present	Believed Absent	Results of Screening Procedures
2,3,7,8-TCDD		☐	☐	