BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY,	)	
Petitioner,	)	PCB 25-18
	)	Permit Appeal
v.	)	NPDES Permit No. IL0002305
	)	Bureau ID# W1970500007
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	
Respondent.	)	

NOTICE OF FILING

TO: Division of Legal Counsel
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield IL 62794-9276
epa.dlc@illinois.gov
Charles.Matoesian@Illinois.gov
Stefanie.Diers@Illinois.gov

Clerk
Illinois Pollution Control Board
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601-3218

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board Chevron Environmental Management Company's (1) Petition to Appeal Illinois EPA's Issuance of a NPDES Permit; and (2) Motion to Stay the Permit During the Pendency of this Appeal, a copy of which is herewith served upon you.

Dated: Nov. 25, 2024

Respectfully submitted,

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

By: /s/ Alexander J. Bandza

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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

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	)	Bureau ID# W1970500007
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	
Respondent.	)	

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY'S
(1) PETITION TO APPEAL ILLINOIS EPA'S ISSUANCE OF A NPDES PERMIT; AND
(2) MOTION TO STAY THE PERMIT DURING THE PENDENCY OF THIS APPEAL

NOW COMES the Petitioner, Chevron Environmental Management Company ("Chevron"), by its attorneys, Barnes & Thornburg LLP, and, pursuant to the Illinois Environmental Protection Act ("Act") (415 ILCS 5/40(a)(1)) and 35 Ill. Adm. Code § 105.208, hereby: (1) petitions the Illinois Pollution Control Board ("Board") to appeal the Illinois Environmental Protection Agency's ("Illinois EPA" or "Agency") issuance of a National Pollutant Discharge Elimination System ("NPDES") permit to Chevron ("2024 Permit") as it relates to the former Texaco refinery property located at 301 W. 2nd Street, Lockport, Will County, Illinois ("Site"); and (2) moves the Board to stay the 2024 Permit during the pendency of this appeal.[1]

In support of this Petition, Chevron respectfully states as follows:[2]

I. RECORD OF APPEAL

1. Prior to the 2024 Permit, the Site operated under a NPDES permit that was effective as of May 1, 2018, and modified on July 28, 2022 ("2018 Permit"). (**Ex. A.**)

[1] Chevron and Illinois EPA are individually a "Party" and collectively, the "Parties."

[2] Chevron reserves its rights to further amend this Petition, including based on subsequent filings in this matter.

2. Chevron submitted an application to renew the NPDES permit by letter dated October 10, 2022. (**Ex. B.**)

3. Illinois EPA issued the draft permit on September 22, 2023. (**Ex. C.**)

4. Chevron provided its comments to the draft permit and public notice/fact sheet by letter dated October 5, 2023. (**Ex. D.**)

5. Illinois EPA issued a public notice of the draft permit on April 12, 2024. (**Ex. E.**)

6. Chevron provided its comments to the public notice of the draft permit by letter dated May 13, 2024. (**Ex. F.**)

7. Illinois EPA issued the 2024 Permit on September 24, 2024 (**Ex. G**), and then issued a minor correction to the same by letter dated October 25, 2024. (**Ex. H.**)

II. THIS PETITION TO APPEAL IS TIMELY FILED

8. On October 22, 2024, the Parties timely filed a joint notice to extend the 35-day period within Chevron may appeal Illinois EPA's September 24, 2024 determination to issue the 2024 Permit. *See* 415 ILCS 5/40(a)(1); 35 Ill. Adm. Code 101.300(b), 105.206(c), 105.208(a), (c).

9. By its Order dated November 7, 2024, the Board granted this extension request so as to allow Chevron up to and until February 3, 2024 to timely file an appeal of the 2024 Permit. (*See* PCB 25-18, Order (Nov. 7, 2024).) This appeal is timely filed.

III. BACKGROUND

10. The 2018 Permit and the 2024 Permit both concern limits to Outfall 002 and Outfall 003. (*See* Exs. A & H.) Details on each outfall relevant to this appeal are set forth below.

A. Outfall 002: North Stormwater Pond

11. The North Stormwater Pond ("NSP") is functionally a detention basin for a drainage of approximately 63-acres. (Ex. F at 2.) This entire acreage consists of: (i) the onsite Corrective Action Manage Unit ("CAMU") (which has been fully capped and closed since 2015);

(ii) Landfarm #2 ("LF-2") (which has been fully capped and closed since the late 1980s); and (iii) the area immediately surrounding the NSP. (*Id.*) Both the CAMU and LF-2 are fully vegetated and regularly inspected for erosion issues. (*Id.*) No fertilizers are used on either unit, and both are mowed through the growing season. (*Id.*) The base of the NSP is bare bedrock which underlies the Site and surrounding area. (*Id.*)

12. The physical pond outfall consists of a modified baffle/weir that maintains the pond elevation at approximately 6-inches except during storm events, at which point water accumulates prior to discharge. (*Id.*) This outfall structure is a vestige of refinery infrastructure designed to prevent any potential oil from discharging from the NSP. (*Id.*) The current configuration of the pond and drainage system is a requirement of the Site's RCRA permit, which specifies that stormwater drainage from the CAMU and LF-2 must be discharged through a permitted NPDES outfall. (*Id.*) No active treatment is warranted for this drainage. (*Id.*) Typical treatments for iron and ammonia such as settlement, flocculation, or aeration are not feasible given the current RCRA-required configuration and function of the NSP. (*Id.*)

B. <u>Outfall 003: Wastewater Treatment Unit</u>

13. The onsite wastewater treatment unit ("WTU") does not treat water from any active processes. (*Id.*) LF-2 leachate, CAMU leachate, and recovered groundwater from a groundwater interceptor trench ("Trench") are treated within the WTU prior to discharge through Outfall 003 into the Chicago Sanitary and Ship Canal. (*Id.*) LF-2 and the CAMU are fully capped and closed and subject only to regular inspections and mowing. (*Id.*) The Trench is located near the southwest boundary of the Site border and functions as a barrier for Site groundwater. (*Id.*) The Trench likely will be decommissioned as Site groundwater remedies are approved by Illinois EPA. (*Id.*)

14. The composition of flows entering the WTU has not changed since 2015 when the CAMU was fully capped and closed. (*Id.*) Iron and ammonia have been detected regularly as part

of NPDES permit-renewal sampling events. (*Id.*) Both constituents are expected to be present in Site soils which comprise the majority of materials placed in the CAMU and LF2, as well as soils that serve as the medium for groundwater entering the Trench. (*Id.*) The WTU system was designed to support remediation efforts and leachate treatment. (*Id.*) Modifications to the WTU would be costly and unnecessary because iron and ammonia are both naturally occurring and abundant at the Site. (*Id.*)

IV. PETITION TO APPEAL CERTAIN 2024 PERMIT CONDITIONS

15. This Petition identifies four conditions of the 2024 Permit that are not necessary to accomplish the purposes of the Act and/or Board regulations, and are thus arbitrary and capricious. Each challenged Permit condition is set forth below.

A. Issue #1: Mercury (Outfalls 002 and 003) Monitoring Obligation

16. Chevron provided comments to the Illinois EPA on this issue twice before the 2024 Permit was issued. (*See* Ex. D at 1; Ex. F at 2-3.)

17. During the most recent NPDES renewal sampling event, a detection of mercury was noted at Outfall 002 at a concentration of 0.00028 mg/L, and at Outfall 003 at a concentration of 0.00020 mg/L. Prior to these detections, mercury has never been detected during any sampling event at either outfall. Given the detection is at or merely one percent above the reporting limit (0.00020 mg/L), this single marginal detection of mercury in over 20 years of sampling does not warrant a regular sampling program for mercury at Outfall 002 or at Outfall 003, as detections at this level may be from any number of cross-contamination sources. These sources include, but are not limited to, metallic or metal-containing sampling equipment, containers, labware, reagents, and deionized water; and atmospheric factors such as dirt and dust from automobile exhaust, cigarette smoke, nearby roads, bridges, wire, and poles. Other sources include human contact, which may be a source of metals contamination including dental work such as mercury amalgam

fillings. All of these potential cross-contamination sources are named in U.S. EPA sampling Method 1669 – Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels, Sections 4.1.2 and 4.2.2.3.2 and Method 1631 – Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry, Section 4.2.

18. Furthermore, the samples taken at Outfall 002 and Outfall 003 from the most recent NPDES sampling event were both collected on the same day, June 7th, 2022. There is no direct interaction between stormwater sampled at Outfall 002 and effluent flow sampled at Outfall 003. Given that no previous detections have been noted at either outfall, simultaneous detections of comparable magnitude **at both outfalls** are most likely attributable to one or multiple of these cross-contamination sources, as opposed to the sudden presence of mercury in both outfalls.

19. For these reasons, and others that may be further developed in this proceeding, Chevron requests that the Board remand the 2024 Permit to Illinois EPA to eliminate the mercury monitoring obligation from the re-issued permit.

B. Issue #2: Ammonia (Outfalls 002 and 003) Permit Limit

20. Chevron provided comments to the Illinois EPA on this issue twice before the 2024 Permit was issued. (*See* Ex. D at 1-2; Ex. F at 2.)

21. While not sampled on a regular basis, each NPDES renewal sampling event has shown that ammonia is present at Outfall 002 and Outfall 003 at consistent levels. This is expected as a naturally occurring product of the nitrogen cycle. Chevron does not operate any facilities or equipment that contribute additional amounts of ammonia to the NSP (Outfall 002) or to the WTU waste streams (Outfall 003). Discharges at Outfall 002 consist almost exclusively of stormwater. Discharges at Outfall 003 consist primarily of treated landfill leachate and recovered groundwater. During their decades-long history, NPDES-regulated facilities at the former refinery have never been required to treat ammonia and are not designed for such purpose. Modifications to accomplish

such treatment will be costly and time consuming and are not warranted given existing levels of detections, which have existed historically at similar levels as those found in the most recent routine sampling event.

22. For these reasons, and others that may be further developed in this proceeding, Chevron requests that the Board remand the 2024 Permit to Illinois EPA to eliminate the ammonia limit from the re-issued permit.

C. Issue #3: Iron (Outfalls 002 and 003) Permit Limit

23. Chevron provided comments to the Illinois EPA on this issue twice before the 2024 Permit was issued. (*See* Ex. D at 2; Ex. F at 3-4.)

24. As a provision of the 2018 Permit, Chevron samples for iron quarterly at Outfall 002. Results of these samples were provided in the permit application associated with the 2024 Permit. (*See* Ex. B.) An average detection value of 0.7 mg/L and a maximum of 2.8 mg/L were observed after 28 samples over five years.

25. At Outfall 003, iron has not been sampled on a routine basis. The three most recent NPDES permit-renewal sampling events included iron detections of 0.8 mg/L in 2010 and 1.0 mg/L in 2022 while iron was listed as non-detect ("ND") for the 2017 sampling event.

26. Iron is abundant and naturally occurring throughout the Site in soils and bedrock. Given the consistently low levels of detected iron over the lifetime of the active permit, regular monitoring with stated limits is not warranted and should be removed.

27. Chevron had provided technical basis for the removal of iron from the terms of the permit in the most recent permit application. (*See* Ex. B Attachment E.) To reiterate, extensive changes to Site drainage flowing to Outfall 002 were completed between 2010 and 2018 with the final cover and drainage system of an onsite CAMU permitted through the Site's RCRA permit and separation of stormwater drainage of the Chevron and Shell properties. Drainage to Outfall

002 has been largely unchanged since 2018. Before and after these changes to stormwater drainage paths, iron has been continuously detected at low levels, as demonstrated. No further monitoring efforts for iron are necessary at Outfall 002.

28. For these reasons, and others that may be further developed in this proceeding, Chevron requests that the Board remand the 2024 Permit to Illinois EPA to eliminate the iron limit from the re-issued permit.

D. Issue #4: pH (Outfall 002) Range Adjustment

29. In the 2018 Permit, both Outfalls 002 and 003 were subject to "Special Condition 2" with respect to pH: "**The pH shall be in the range 6.0 to 9.0.** The monthly minimum and monthly maximum values shall be reported on the DMR form." (Ex. A at 4 (emphasis added).)

30. In the public notice of the 2024 Permit, both Outfalls 002 and 003 are subject to "Special Condition 2" with respect to pH, except now each Outfall is different: "The pH for the effluent from **Outfall 002 shall be in the range 6.5 to 9.0.** The pH for the effluent from **Outfall 003 shall be in the range 6.0 to 9.0**. The minimum and maximum pH values recorded during each outfall's specified monitoring period shall be reported on the DMR." (Ex. E at 4 (emphasis added).) The 2024 Permit contains the same language. (Ex. H at 4.)

31. Illinois EPA has not explained the rationale behind this change in any of its commentary on the draft or final 2024 Permit, nor is Chevron able to discern any.

32. For these reasons, and others that may be further developed in this proceeding, Chevron requests that the Board remand the 2024 Permit to Illinois EPA to return the acceptable pH range for Outfalls 002 and 003 to 6 – 9, *i.e.*, the range contained in the 2018 Permit.

V. MOTION TO STAY THE PERMIT DURING THIS APPEAL

33. Chevron requests that the Board stay the Permit from its Effective Date until the later of (a) the Board's final resolution of this Petition; or (b) the Illinois EPA's issuance of a

revised permit.

34. As a rule, once appealed to the Board, a permit applicant is entitled to an automatic stay of the subject permit in its entirety. *See, e.g.*, *Borg-Warner v. Mauzy*, 100 Ill. App. 3d 862 (3rd Dist. 1981); *Ameren Energy Gen. Co. v. Ill. EPA*, PCB No. 06-67, at 2 (Feb. 16, 2006) ("[T]he Board finds that the APA's automatic stay provision applies to this case, consistent with long-standing case law under the Act."). This automatic stay under the Illinois Administrative Procedure Act ("IAPA") also applies to appeals of NPDES permits. *See* 5 ILCS 100/10-65(b); *see also, e.g.*, *Prairie Rivers Network v. Ill. EPA*, PCB Nos. 14-106, 14-107, 14-108, at 4 (June 16, 2014) ("[T]he [NPDES] permits relating to the O'Brien and Calumet plants are subject to the automatic stay provisions of the IAPA."); *Ill. Power Gen. Co. v. Ill. EPA*, PCB No. 17-15, at 2 (Nov. 17, 2016) ("[T]he Board finds that the automatic stay provision of the [I]APA applies. Accordingly, Illinois Power's 2016 NPDES permit, which is the subject of this appeal, is stayed. During the stay, the company's 2008 NPDES permit remains in effect.").

35. In this instance, Chevron asks that the Board apply the automatic stay provision of the IAPA to the 2024 Permit in its entirety. During the stay and the pendency of this appeal, Chevron will operate in accordance with the 2018 Permit.

VI. REQUEST FOR RELIEF

WHEREFORE, as set forth above, Chevron requests that the Board:

a. grant review of Illinois EPA's issuance of the 2024 Permit and remand the 2024 Permit to Illinois EPA for re-issuance consistent with the law and Chevron's requests above; and

b. grant an automatic stay of the 2024 Permit from its Effective Date util the later of (a) the Board's final resolution of this Petition, or (b) the Illinois EPA's issuance of a revised permit. Chevron will adhere to the 2018 Permit requirements during the pendency of this appeal.

Dated: Nov. 25, 2024 Respectfully submitted,

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

By: /s/ Alexander J. Bandza

A. Bruce White, Esq.
Alexander J. Bandza, Esq.
BARNES & THORNBURG LLP
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Attorneys for Chevron Environmental Management Company

CERTIFICATE OF E-MAIL SERVICE

I, the undersigned, certify the following:

- That I have served the attached **CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY'S (1) PETITION TO APPEAL ILLINOIS EPA'S ISSUANCE OF A NPDES PERMIT; AND (2) MOTION TO STAY THE PERMIT DURING THE PENDENCY OF THIS APPEAL** by e-mail upon the Illinois Environmental Protection Agency at the e-mail address of epa.dlc@illinois.gov, Charles.Matoesian@Illinois.gov, and Stefanie.Diers@Illinois.gov.
- That my e-mail address is abandza@btlaw.com.
- That the number of pages in the e-mail transmission is 11.
- That the e-mail transmission took place before 5:00 p.m. on the date of Nov. 25, 2024.

/s/ Alexander J. Bandza
An Attorney for Chevron Environmental Management Company

EXHIBIT A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM; DIRECTOR

A3

217/782-0610

July 28, 2022

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Re: Chevron Environmental Management Company
NPDES Permit No. IL0002305
Bureau ID: W1970500007
Modified Permit

Gentlemen:

Attached is the Modified NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. Failure to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The final decision of the Agency is to modify the Permit as follows:

1. Removal of Outfall 001 from the permit.

Pursuant to the Final NPDES Electronic Reporting Rule, all permittees must report DMRs electronically unless a waiver has been granted by the Agency. The Agency utilizes NetDMR, a web based application, which allows the submittal of electronic Discharge Monitoring Reports instead of paper Discharge Monitoring Reports (DMRs). More information regarding NetDMR can be found on the Agency website, http://epa.state.il.us/water/net-dmr/index.html. If your facility has received a waiver from the NetDMR program, a supply of preprinted paper DMR Forms will be sent to your facility. Additional information and instructions will accompany the preprinted DMRs. Please see the attachment regarding the electronic reporting rule.

The attached Permit is effective as of the date indicated on the first page of the Permit. Until the effective date of any re-issued Permit, the limitations and conditions of the previously-issued Permit remain in full effect. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date.

Should you have questions concerning the Permit, please contact Francisco J. Herrera at 217/782-0610.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:FJH:21092101.docx

Attachment: Final Permit

cc: Records Unit
Compliance Assurance Section
Des Plaines Region
CMAP

NPDES Permit No. IL0002305

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Modified (NPDES) Permit

Expiration Date: April 30, 2023

Issue Date: April 4, 2018
Effective Date: May 1, 2018
Modification Date: July 28, 2022

Name and Address of Permittee:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Facility Name and Address:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

Discharge Number and Name:		Receiving Waters:
002	North Stormwater Pond	Illinois and Michigan Canal
003	Wastewater Treatment Unit	Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

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Modification Date: July 28, 2022

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

1. From the modification date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Outfall 002 – North Stormwater Pond (Average Flow = 0.245 MGD)						
The discharge consists of the following:						
1. Clean Tank and New Pipeline Hydrotest Water						
2. Firewater Blowdown						
3. Groundwater						
4. Equipment and Vehicle Washwater						
5. Stormwater Runoff**						
Flow (MGD)	See Special Condition 1.				1/Month	Continuous
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15	30	1/Month	Composite*
Iron (Total)			Monitor Only		1/Quarter	Grab

* - See Special Condition 3.
** - See Special Condition 5.

Modification Date: July 28, 2022

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

1. From the modification date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/l 30 DAY AVERAGE	CONCENTRATION LIMITS mg/l DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Outfall 003 – Wastewater Treatment Unit (DAF = 0.151 MGD)						
The discharge consists of the following:						
1. Landfill Leachate 2. CAMU Leachate 3. Recovered Groundwater 4. Steam Out/Wash Out Water 5. New and Existing Pipeline Hydrotest Water 6. Service Water 7. Equipment and Vehicle Washwater 8. Stormwater Runoff**						
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15	30	1/Month	Composite*
$CBOD_5$			20	40	1/Month	Composite
Total Suspended Solids			25	50	1/Month	Composite
PNAs	See Special Condition 11.		Monitor Only		1/Quarter	Grab

* - See Special Condition 3.
** - See Special Conditions 5.

Modification Date: JUly 28, 2022

NPDES Permit No. IL0002305

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report (DMR).

SPECIAL CONDITION 2. The pH shall be in the range 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. The composites for oil, fats, and greases shall consist of sample aliquots of approximately equal volume, a minimum of 100 milliliters, be collected at regular time intervals over a eight-hour period (three aliquots total). A single sample formed by combining all the aliquots, and the solvent rinse of the container, would then be analyzed. The results of the single analysis is then reported for oil, fats, and grease.

SPECIAL CONDITION 4. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 5. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/net-dmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 8. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 9. The provisions of 40 CFR 122.41 m and n are applicable to this permit.

SPECIAL CONDITION 10. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

Special Conditions

SPECIAL CONDITION 11. The permittee shall sample the discharge from outfall 003 on a quarterly basis and analyze said sample for the following list of parameters:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Flouranthene
Benzo (a) anthracene	Flourene
Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (K) fluoranthene	Pyrene

Quarterly sampling shall be performed in the months of March, June, September and December with sample results submitted with the following months DMR submittal.

All sample collection, preservation and storage times will conform to 40 CFR 136. The analysis for the above parameters shall meet the detection level as established for accepted test procedures listed in Method 625 40 CFR 136.

Attachment H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply**. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply**. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense**. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate**. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance**. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions**. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights**. This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information**. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry**. The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records

must be kept under the conditions of this permit;
(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records.**
(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
(c) Records of monitoring information shall include:
(1) The date, exact place, and time of sampling or measurements;
(2) The individual(s) who performed the sampling or measurements;
(3) The date(s) analyses were performed;
(4) The individual(s) who performed the analyses;
(5) The analytical techniques or methods used; and
(6) The results of such analyses.
(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
(a) **Application.** All permit applications shall be signed as follows:
(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:
(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
(b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
(1) The authorization is made in writing by a person described in paragraph (a); and
(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
(3) The written authorization is submitted to the Agency.
(c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
(d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

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

(12) **Reporting requirements.**
(a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:
(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
(b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
(c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
(d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
(e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).

(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(2) Any upset which exceeds any effluent limitation in the permit.

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass.**

(a) Definitions.

(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset.**

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated; and

(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).

(4) The permittee complied with any remedial measures required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:
  (a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.
  (b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:
    (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
    (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
    (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
  (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
    (1) One hundred micrograms per liter (100 ug/l);
    (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
    (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
    (4) The level established by the Agency in this permit.
  (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
  (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
  (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
  (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
  (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
  (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
  (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

(Rev. 7-9-2010 bah)

EXHIBIT B

Eric Hetrick
Regulator Advisor

Chevron Environmental
Management Company
301 West 2nd Street
Lockport, IL 60441
Tel (815) 838-0770
Fax (815) 838-9197
EHetrick@chevron.com

October 10, 2022

Darin LeCrone, P.E.,
Manager, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62794-9276

RE: 1970500012 - ILD041518861 – NPDES Permit No. IL0002305
Chevron – CEMC/Lockport Facility
RCRA Log No. B-38-R
Application for Permit Renewal
Former Texaco Lockport Refinery, Lockport, Illinois

Dear Mr. LeCrone

Chevron Environmental Management Company (Chevron) respectfully submits one original and one copy of the subject application for renewal of the Former Texaco Lockport Refinery NPDES Permit No. IL0002305. This renewal application is being submitted more than 180 days prior to the expiration date (April 30, 2023) of our current permit. The application contains Forms 1, 2C, 2F, and all supporting documentation, as appropriate, for stormwater and process water contributing to Facility outfalls.

If you have any questions, please contact me at (815) 838-0770.

Sincerely,

Eric Hetrick – Regulatory Advisor
Former Texaco Lockport Refinery
Chevron Environmental Management Company

019-ML0-413

Enclosure

cc: Bruce White, Barnes & Thornburgh
Trihydro Corporation
Site File, Lockport Plant

ATTACHMENT A

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

APPLICATION FORM 1

General Information

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

Form 1 NPDES

U.S. Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

GENERAL INFORMATION

SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1))

Activities Requiring an NPDES Permit

1.1 Applicants *Not Required* to Submit Form 1

1.1.1	Is the facility a new or existing **publicly owned treatment works**? If yes, STOP. Do NOT complete Form 1. Complete Form 2A. ☑ No	1.1.2	Is the facility a new or existing **treatment works treating domestic sewage**? If yes, STOP. Do NOT complete Form 1. Complete Form 2S. ☑ No

1.2 Applicants *Required* to Submit Form 1

1.2.1	Is the facility a **concentrated animal feeding operation** or a **concentrated aquatic animal production facility?** ☐ Yes ➔ Complete Form 1 ***and*** Form 2B. ☑ No	1.2.2	Is the facility an **existing** manufacturing, commercial, mining, or silvicultural **facility** that **is currently discharging process wastewater**? ☑ Yes ➔ Complete Form 1 ***and*** Form 2C. ☐ No
1.2.3	Is the facility a **new** manufacturing, commercial, mining, or silvicultural **facility** that has **not yet commenced to discharge**? ☐ Yes ➔ Complete Form 1 ***and*** Form 2D. ☑ No	1.2.4	Is the facility a **new or existing** manufacturing, commercial, mining, or silvicultural **facility** that **discharges only nonprocess wastewater**? ☐ Yes ➔ Complete Form 1 ***and*** Form 2E. ☑ No
1.2.5	Is the facility a **new or existing facility** whose discharge is composed entirely of **stormwater associated with industrial activity** or whose discharge is composed of **both stormwater and non-stormwater**? ☑ Yes ➔ Complete Form 1 ***and*** Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15). ☐ No		

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

Name, Mailing Address, and Location

2.1 Facility Name

Chevron Environmental Management Company

2.2 EPA Identification Number

ILD 041518861

2.3 Facility Contact

Name (first and last)	Title	Phone number
Eric Hetrick	Regulatory Advisor	(815) 838-0770

Email address
EHetrick@Chevron.com

2.4 Facility Mailing Address

Street or P.O. box
301 West 2nd Street

City or town	State	ZIP code
Lockport	IL	60441

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

Name, Mailing Address, and Location Continued

2.5 **Facility Location**

Street, route number, or other specific identifier: 301 West 2nd Street

County name	County code (if known)	
Will		

City or town	State	ZIP code
Lockport	IL	60441

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

SIC and NAICS Codes

3.1

SIC Code(s)	**Description** (optional)
9999	Non-classifiable establishment

3.2

NAICS Code(s)	**Description** (optional)
562910	Remediation services

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

Operator Information

4.1 **Name of Operator**

Chevron Environmental Management Company

4.2 Is the name you listed in Item 4.1 also the owner?

☑ Yes ☐ No

4.3 **Operator Status**

☐ Public—federal ☐ Public—state ☐ Other public (specify)_____

☑ Private ☐ Other (specify) _____

4.4 **Phone Number of Operator**

(815) 838-0770

Operator Information Continued

4.5 **Operator Address**

Street or P.O. Box: 301 West 2nd Street

City or town	State	ZIP code
Lockport	IL	60441

Email address of operator: Valerie.Matherne@Chevron.com

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

Indian Land

5.1 Is the facility located on Indian Land?

☐ Yes ☑ No

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

SECTION 6. EXISTING ENVIRONMENTAL PERMITS (40 CFR 122.21(f)(6))

Existing Environmental Permits

6.1 **Existing Environmental Permits** (check all that apply and print or type the corresponding permit number for each)

☑ NPDES (discharges to surface water) IL0003205	☑ RCRA (hazardous wastes) B-38R	☐ UIC (underground injection of fluids)
☑ PSD (air emissions) 197810ABT	☐ Nonattainment program (CAA)	☐ NESHAPs (CAA)
☐ Ocean dumping (MPRSA)	☐ Dredge or fill (CWA Section 404)	☐ Other (specify)

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

Map

7.1 Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.)

☑ Yes ☐ No ☐ CAFO—Not Applicable (See requirements in Form 2B.)

SECTION 8. NATURE OF BUSINESS (40 CFR 122.21(f)(8))

Nature of Business

8.1 Describe the nature of your business.

The site is a former petroleum refinery currently undergoing remediation and redevelopment under a RCRA Post-Closure permit. See attached narrative for additional information.

SECTION 9. COOLING WATER INTAKE STRUCTURES (40 CFR 122.21(f)(9))

Cooling Water Intake Structures

9.1 Does your facility use cooling water?

☐ Yes ☑ No ➔ SKIP to Item 10.1.

9.2 Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.)

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

Variance Requests

10.1 Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)

☐ Fundamentally different factors (CWA Section 301(n))	☐ Water quality related effluent limitations (CWA Section 302(b)(2))
☐ Non-conventional pollutants (CWA Section 301(c) and (g))	☐ Thermal discharges (CWA Section 316(a))
☑ Not applicable	

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

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

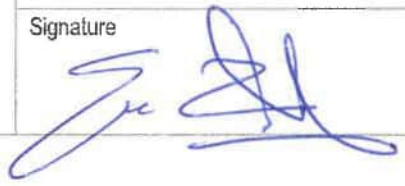
Checklist and Certification Statement

11.1 In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.

Column 1	Column 2
☑ Section 1: Activities Requiring an NPDES Permit	☑ w/ attachments
☑ Section 2: Name, Mailing Address, and Location	☐ w/ attachments
☑ Section 3: SIC Codes	☐ w/ attachments
☑ Section 4: Operator Information	☐ w/ attachments
☐ Section 5: Indian Land	☐ w/ attachments
☑ Section 6: Existing Environmental Permits	☐ w/ attachments
☑ Section 7: Map	☑ w/ topographic map ☑ w/ additional attachments
☑ Section 8: Nature of Business	☑ w/ attachments
☐ Section 9: Cooling Water Intake Structures	☐ w/ attachments
☐ Section 10: Variance Requests	☐ w/ attachments
☑ Section 11: Checklist and Certification Statement	☐ w/ attachments

11.2 **Certification Statement**

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

Name (print or type first and last name)	Official title
Eric Hetrick	Regulatory Advisor
Signature	**Date signed**
	10/6/22

ATTACHMENT B

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

APPLICATION FORM 2C

Wastewater Discharge Information

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

Form 2C NPDES

U.S. Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS

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

Outfall Location

1.1 Provide information on each of the facility's outfalls in the table below.

Outfall Number	Receiving Water Name	Latitude	Longitude
002	Illinois & Michigan Canal	41° 37′ 04″ N	88° 03′ 40″ W
003	Chicago Sanitary and Ship C	41° 35′ 50″ N	88° 03′ 58″ W
		° ′ ″	° ′ ″

SECTION 2. LINE DRAWING (40 CFR 122.21(g)(2))

Line Drawing

2.1 Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C–1 at end of instructions for example.)

☑ Yes ☐ No

SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(g)(3))

Average Flows and Treatment

3.1 For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.

****Outfall Number**** 002

Operations Contributing to Flow

Operation	Average Flow
Stormwater run-off and spring flow	0.163 mgd
Clean tank and New Pipeline Hydrotest Water	<1 mgd
Equipment and Vehicle Decontamination/Wash Water	<1 mgd
Evaporation Loss	(<1)* mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
Sedimentation and oil/water separation (if oil present)	1-u	Offsite disposal

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Average Flows and Treatment Continued

3.1 cont.

****Outfall Number**** 003

Operations Contributing to Flow

Operation	Average Flow
CAMU Leachate; Landfill Leachate; Recovered groundwater;	0.017 mgd
Service water; Waste water associated with facility	- mgd
decommissioning and demolition; New/Existing hydrotest	- mgd
water; Stormwater runoff	- mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
Oil/Water Separation, Clarification	1-U	Offsite disposal
Solids Thickening	5-L	

****Outfall Number**** _____

Operations Contributing to Flow

Operation	Average Flow
	mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge

System Users

3.2 Are you applying for an NPDES permit to operate a privately owned treatment works?

☑ Yes ☐ No ➔ SKIP to Section 4.

3.3 Have you attached a list that identifies each user of the treatment works?

☑ Yes ☐ No

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

Intermittent Flows

4.1 Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal?

☐ Yes ☑ No ➔ SKIP to Section 5.

4.2 Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.

Outfall Number	Operation (list)	Frequency		Flow Rate		Duration
		Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days

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

Applicable ELGs

5.1 Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility?

☐ Yes ☑ No ➔ SKIP to Section 6.

5.2 Provide the following information on applicable ELGs.

ELG Category	ELG Subcategory	Regulatory Citation

Production-Based Limitations

5.3 Are any of the applicable ELGs expressed in terms of production (or other measure of operation)?

☐ Yes ☑ No ➔ SKIP to Section 6.

5.4 Provide an actual measure of daily production expressed in terms and units of applicable ELGs.

Outfall Number	Operation, Product, or Material	Quantity per Day	Unit of Measure

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

Upgrades and Improvements

6.1 Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?

☐ Yes ☑ No ➔ SKIP to Item 6.3.

6.2 Briefly identify each applicable project in the table below.

Brief Identification and Description of Project	Affected Outfalls (list outfall number)	Source(s) of Discharge	Final Compliance Dates	
			Required	Projected

6.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? *(optional item)*

☐ Yes ☐ No ☑ Not applicable

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

Effluent and Intake Characteristics

See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.

Table A. Conventional and Non-Conventional Pollutants

7.1 Are you requesting a waiver from your NPDES permitting authority for one or more of the Table A pollutants for any of your outfalls?

☐ Yes ☑ No ➔ SKIP to Item 7.3.

7.2 If yes, indicate the applicable outfalls below. Attach waiver request and other required information to the application.

Outfall Number _____ Outfall Number _____ Outfall Number _____

7.3 Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?

☑ Yes ☐ No; a waiver has been requested from my NPDES permitting authority for all pollutants at all outfalls.

Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants

7.4 Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit.)

☐ Yes ☑ No ➔ SKIP to Item 7.8.

7.5 Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?

☑ Yes ☐ No

7.6 List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.

Primary Industry Category	Required GC/MS Fraction(s) (Check applicable boxes.)
N/A	☐ Volatile ☐ Acid ☐ Base/Neutral ☐ Pesticide
	☐ Volatile ☐ Acid ☐ Base/Neutral ☐ Pesticide
	☐ Volatile ☐ Acid ☐ Base/Neutral ☐ Pesticide

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Effluent and Intake Characteristics Continued

7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? ☑ Yes ☐ No
7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? ☑ Yes ☐ No
7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? ☐ Yes ➔ Note that you qualify at the top of Table B, then SKIP to Item 7.12. ☑ No
7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
Table C. Certain Conventional and Non-Conventional Pollutants	
7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed on Table C for all outfalls? ☑ Yes ☐ No
7.13	Have you completed Table C by providing (1) quantitative data for those pollutants that are limited either directly or indirectly in an ELG and/or (2) quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? ☑ Yes ☐ No
Table D. Certain Hazardous Substances and Asbestos	
7.14	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? ☑ Yes ☐ No
7.15	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) by providing quantitative data, if available? ☑ Yes ☐ No
Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	
7.16	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? ☐ Yes ➔ Complete Table E. ☑ No ➔ SKIP to Section 8.
7.17	Have you completed Table E by reporting *qualitative* data for TCDD? ☐ Yes ☑ No

SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(g)(9))

Used or Manufactured Toxics

8.1	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? ☐ Yes ☑ No ➔ SKIP to Section 9.
8.2	List the pollutants below. 1. 4. 7. 2. 5. 8. 3. 6. 9.

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

Biological Toxicity Tests

9.1 Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) on a receiving water in relation to your discharge?

☐ Yes ☑ No ➔ SKIP to Section 10.

9.2 Identify the tests and their purposes below.

Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
		☐ Yes ☐ No	
		☐ Yes ☐ No	
		☐ Yes ☐ No	

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

Contract Analyses

10.1 Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm?

☑ Yes ☐ No ➔ SKIP to Section 11.

10.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Eurofins Lancaster Laboratories Environment Testing, LLC		
Laboratory address	2425 New Holland Pike Lancaster, PA 17605-2425		
Phone number	(717) 656-2300		
Pollutant(s) analyzed	All analysis required by this permit application		

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

Additional Information

11.1 Has the NPDES permitting authority requested additional information?

☐ Yes ☑ No ➔ SKIP to Section 12.

11.2 List the information requested and attach it to this application.

1.	4.
2.	5.
3.	6.

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

Checklist and Certification Statement

12.1 In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.

Column 1	Column 2	
☑ Section 1: Outfall Location	☑ w/ attachments	
☑ Section 2: Line Drawing	☑ w/ line drawing	☐ w/ additional attachments
☑ Section 3: Average Flows and Treatment	☐ w/ attachments	☐ w/ list of each user of privately owned treatment works
☑ Section 4: Intermittent Flows	☐ w/ attachments	
☐ Section 5: Production	☐ w/ attachments	
☐ Section 6: Improvements	☐ w/ attachments	☐ w/ optional additional sheets describing any additional pollution control plans
☑ Section 7: Effluent and Intake Characteristics	☐ w/ request for a waiver and supporting information ☐ w/ small business exemption request ☑ w/ Table A ☑ w/ Table C ☐ w/ Table E	☐ w/ explanation for identical outfalls ☐ w/ other attachments ☑ w/ Table B ☑ w/ Table D ☐ w/ analytical results as an attachment
☐ Section 8: Used or Manufactured Toxics	☐ w/ attachments	
☐ Section 9: Biological Toxicity Tests	☐ w/ attachments	
☑ Section 10: Contract Analyses	☐ w/ attachments	
☐ Section 11: Additional Information	☐ w/ attachments	
☑ Section 12: Checklist and Certification Statement	☐ w/ attachments	

12.2 **Certification Statement**

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

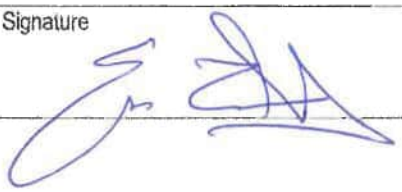
Name (print or type first and last name)	Official title
Eric Hetrick	Regulatory Advisor
Signature	Date signed
	10/6/22

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TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii)) [1]

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent: Maximum Daily Discharge (required)	Effluent: Maximum Monthly Discharge (if available)	Effluent: Long-Term Average Daily Discharge (if available)	Effluent: Number of Analyses	Intake (Optional): Long-Term Average Value	Intake (Optional): Number of Analyses
☐	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.									
1.	Biochemical oxygen demand (BOD_5)	☐	Concentration	mg/L	2.6			1		
			Mass	kg/day	99.7			1		
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	40			1		
			Mass	kg/day	1534.3			1		
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	6.8			1		
			Mass	kg/day	260.8			1		
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	60			1		
			Mass	kg/day	2301.5			1		
5.	Ammonia (as N)	☐	Concentration	mg/L	0.42			1		
			Mass	kg/day	16.1			1		
6.	Flow	☐	Rate	MGD	10.133	0.856	0.163	730		
7.	Temperature (winter)	☐	°C	°C	11.8		7.8	8		
	Temperature (summer)	☐	°C	°C	23.7		21.4	8		
8.	pH (minimum)	☐	Standard units	s.u.	7.66		8.27	25		
	pH (maximum)	☐	Standard units	s.u.	8.79		8.27	25		

[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 instructions and 40 CFR 122.21(e)(3).

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

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.											
Section 1. Toxic Metals, Cyanide, and Total Phenols												
1.1	Antimony, total (7440-36-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.2	Arsenic, total (7440-38-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.3	Beryllium, total (7440-41-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.4	Cadmium, total (7440-43-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.5	Chromium, total (7440-47-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.6	Copper, total (7440-50-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.7	Lead, total (7439-92-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.8	Mercury, total (7439-97-6)	☐	☑	☐	Concentration	mg/L	0.00028			1		
					Mass	kg/day	0.01074			1		
1.9	Nickel, total (7440-02-0)	☐	☑	☐	Concentration	mg/L	0.0035			1		
					Mass	kg.day	0.1343			1		
1.10	Selenium, total (7782-49-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.11	Silver, total (7440-22-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.13	Zinc, total (7440-66-6)	☐	☑	☐	Concentration	mg/L	0.016			1		
					Mass	kg/day	0.614			1		
1.14	Cyanide, total (57-12-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.15	Phenols, total	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.2	Acrylonitrile (107-13-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.3	Benzene (71-43-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.4	Bromoform (75-25-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.6	Chlorobenzene (108-90-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.8	Chloroethane (75-00-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							

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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.10	Chloroform (67-66-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.17	Ethylbenzene (100-41-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.18	Methyl bromide (74-83-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.19	Methyl chloride (74-87-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.20	Methylene chloride (75-09-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.23	Toluene (108-88-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.27	Trichloroethylene (79-01-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.28	Vinyl chloride (75-01-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)												
3.1	2-chlorophenol (95-57-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.7	4-nitrophenol (100-02-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.9	Pentachlorophenol (87-86-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.10	Phenol (108-95-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)												
4.1	Acenaphthene (83-32-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.2	Acenaphthylene (208-96-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.3	Anthracene (120-12-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.4	Benzidine (92-87-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.18	Chrysene (218-01-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.24	Diethyl phthalate (84-66-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.31	Fluoranthene (206-44-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.32	Fluorene (86-73-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.36	Hexachloroethane (67-72-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.38	Isophorone (78-59-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.39	Naphthalene (91-20-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.40	Nitrobenzene (98-95-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.44	Phenanthrene (85-01-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.45	Pyrene (129-00-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							

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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☑	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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☑	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 instructions and 40 CFR 122.21(e)(3).

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TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[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
☐	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 "Presence or Absence" 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 the "Presence or Absence" column of Table C for *each* pollutant.										
1.	Bromide (24959-67-9)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
2.	Chlorine, total residual	☐	☑	Concentration	mg/L	ND			1		
				Mass							
3.	Color	☑	☐	Concentration	PCU	35			1		
				Mass							
4.	Fecal coliform	☐	☑	Concentration							
				Mass							
5.	Fluoride (16984-48-8)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
6	Nitrate-nitrite	☑	☐	Concentration	mg/L	2.0			1		
				Mass	kg/day	76.7			1		
7.	Nitrogen, total organic (as N)	☑	☐	Concentration	mg/L	0.78			1		
				Mass	kg/day	29.92			1		
8.	Oil and grease	☑	☐	Concentration	mg/L	3.0		2.2	25		
				Mass	kg/day	115.1		1.3	25		
9.	Phosphorus (as P), total (7723-14-0)	☑	☐	Concentration	mg/L	0.23			1		
				Mass	kg/day	8.82					
10.	Sulfate (as SO_4) (14808-79-8)	☑	☐	Concentration	mg/L	38			1		
				Mass	kg/day	1458			1		
11.	Sulfide (as S)	☐	☑	Concentration	mg/L	ND			1		
				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	mg/L	ND			1		
				Mass							
13.	Surfactants	☑	☐	Concentration	mg/L	0.070			1		
				Mass	kg/day	2.685			1		
14.	Aluminum, total (7429-90-5)	☑	☐	Concentration	mg/L	1.6			1		
				Mass	kg/day	61.4			1		
15.	Barium, total (7440-39-3)	☑	☐	Concentration	mg/L	0.046			1		
				Mass	kg/day	1.764			1		
16.	Boron, total (7440-42-8)	☑	☐	Concentration	mg/L	0.074			1		
				Mass	kg/day	2.838			1		
17.	Cobalt, total (7440-48-4)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
18.	Iron, total (7439-89-6)	☑	☐	Concentration	mg/L	2.8		0.7	18		
				Mass	kg/day	107.4		1.14e-7	18		
19.	Magnesium, total (7439-95-4)	☑	☐	Concentration	mg/L	24			1		
				Mass	kg/day	921			1		
20.	Molybdenum, total (7439-98-7)	☑	☐	Concentration	mg/L	0.0037			1		
				Mass	kg/day	0.1419			1		
21.	Manganese, total (7439-96-5)	☑	☐	Concentration	mg/L	0.14			1		
				Mass	kg/day	5.37			1		
22.	Tin, total (7440-31-5)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
23.	Titanium, total (7440-32-6)	☑	☐	Concentration	mg/L	0.022			1		
				Mass	kg/day	0.844			1		

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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 instructions and 40 CFR 122.21(e)(3).

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☑		
78.	Xylene	☑	☐	Possibly present in all outfalls from soil and/or petroleum contact	N.D. (mg/L)
79.	Xylenol	☐	☑		
80.	Zirconium	☐	☑		

[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 instructions and 40 CFR 122.21(e)(3).

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

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	☐	☐	☑	

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii)) [1]

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent: Maximum Daily Discharge (required)	Effluent: Maximum Monthly Discharge (if available)	Effluent: Long-Term Average Daily Discharge (if available)	Effluent: Number of Analyses	Intake (Optional): Long-Term Average Value	Intake (Optional): Number of Analyses
☐	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.									
1.	Biochemical oxygen demand (BOD_5)	☐	Concentration	mg/L	7.1			1		
			Mass	kg/day	1.5			1		
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	34			1		
			Mass	kg/day	7.2			1		
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	7.6			1		
			Mass	kg/day	1.6			1		
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	7.5		2.2	25		
			Mass	kg/day	1.59		0.14	25		
5.	Ammonia (as N)	☐	Concentration	mg/L	3.6			1		
			Mass	kg/day	0.8			1		
6.	Flow	☐	Rate	MGD	0.056	0.030	0.017	730		
7.	Temperature (winter)	☐	°C	°C	18.1		14.5	8		
	Temperature (summer)	☐	°C	°C	22.8		20.7	8		
8.	pH (minimum)	☐	Standard units	s.u.	7.55		7.80	25		
	pH (maximum)	☐	Standard units	s.u.	8.12		7.80	25		

[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 instructions and 40 CFR 122.21(e)(3).

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

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.											
Section 1. Toxic Metals, Cyanide, and Total Phenols												
1.1	Antimony, total (7440-36-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.2	Arsenic, total (7440-38-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.3	Beryllium, total (7440-41-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.4	Cadmium, total (7440-43-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.5	Chromium, total (7440-47-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.6	Copper, total (7440-50-8)	☐	☑	☐	Concentration	mg/L	ND			1		
					Mass							
1.7	Lead, total (7439-92-1)	☐	☑	☐	Concentration	mg/L	ND			1		
					Mass							
1.8	Mercury, total (7439-97-6)	☐	☑	☐	Concentration	mg/L	0.00020			1		
					Mass	kg/day	0.00004			1		
1.9	Nickel, total (7440-02-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.10	Selenium, total (7782-49-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.11	Silver, total (7440-22-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.13	Zinc, total (7440-66-6)	☐	☑	☐	Concentration	mg/L	0.0068			1		
					Mass	kg/day	0.0014			1		
1.14	Cyanide, total (57-12-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
1.15	Phenols, total	☐	☑	☐	Concentration	mg/L	ND			1		
					Mass							
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.2	Acrylonitrile (107-13-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.3	Benzene (71-43-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.4	Bromoform (75-25-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.6	Chlorobenzene (108-90-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.8	Chloroethane (75-00-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.10	Chloroform (67-66-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.17	Ethylbenzene (100-41-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.18	Methyl bromide (74-83-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.19	Methyl chloride (74-87-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.20	Methylene chloride (75-09-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.23	Toluene (108-88-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.27	Trichloroethylene (79-01-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
2.28	Vinyl chloride (75-01-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)												
3.1	2-chlorophenol (95-57-8)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.7	4-nitrophenol (100-02-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.9	Pentachlorophenol (87-86-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.10	Phenol (108-95-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)												
4.1	Acenaphthene (83-32-9)	☐	☐	☑	Concentration	mg/L	0.00033		0.00031	9		
					Mass	kg/day	0.00007		0.00002	9		
4.2	Acenaphthylene (208-96-8)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.3	Anthracene (120-12-7)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.4	Benzidine (92-87-5)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							

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

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	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.24	Diethyl phthalate (84-66-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.31	Fluoranthene (206-44-0)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.32	Fluorene (86-73-7)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							

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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.36	Hexachloroethane (67-72-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.38	Isophorone (78-59-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.39	Naphthalene (91-20-3)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.40	Nitrobenzene (98-95-3)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☑	Concentration	mg/L	ND			1		
					Mass							
4.44	Phenanthrene (85-01-8)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					Mass							
4.45	Pyrene (129-00-0)	☐	☐	☑	Concentration	mg/L	ND		ND	9		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☑	Concentration	mg/L	ND			1		
					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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☑	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)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☑	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 instructions and 40 CFR 122.21(e)(3).

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TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[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
☐	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 "Presence or Absence" 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 the "Presence or Absence" column of Table C for *each* pollutant.										
1.	Bromide (24959-67-9)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
2.	Chlorine, total residual	☐	☑	Concentration	mg/L	ND			1		
				Mass							
3.	Color	☑	☐	Concentration	PCU	5.0					
				Mass							
4.	Fecal coliform	☐	☑	Concentration							
				Mass							
5.	Fluoride (16984-48-8)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
6	Nitrate-nitrite	☑	☐	Concentration	mg/L	0.43			1		
				Mass	kg/day	0.09			1		
7.	Nitrogen, total organic (as N)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
8.	Oil and grease	☑	☐	Concentration	mg/L	3.7		2.3	25		
				Mass	kg/day	0.78		0.15	25		
9.	Phosphorus (as P), total (7723-14-0)	☑	☐	Concentration	mg/L	0.57			1		
				Mass	kg/day	0.12			1		
10.	Sulfate (as SO_4) (14808-79-8)	☑	☐	Concentration	mg/L	120			1		
				Mass	kg/day	25.4			1		
11.	Sulfide (as S)	☐	☑	Concentration	mg/L	ND			1		
				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	mg/L	ND			1		
				Mass							
13.	Surfactants	☑	☐	Concentration	mg/L	0.061			1		
				Mass	kg/day	0.013			1		
14.	Aluminum, total (7429-90-5)	☑	☐	Concentration	mg/L	ND			1		
				Mass							
15.	Barium, total (7440-39-3)	☑	☐	Concentration	mg/L	0.072			1		
				Mass	kg/day	0.015			1		
16.	Boron, total (7440-42-8)	☑	☐	Concentration	mg/L	0.52			1		
				Mass	kg/day	0.11			1		
17.	Cobalt, total (7440-48-4)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
18.	Iron, total (7439-89-6)	☑	☐	Concentration	mg/L	1.0			1		
				Mass	kg/day	0.2			1		
19.	Magnesium, total (7439-95-4)	☑	☐	Concentration	mg/L	46			1		
				Mass	kg/day	9.8			1		
20.	Molybdenum, total (7439-98-7)	☑	☐	Concentration	mg/L	0.0020			1		
				Mass	kg/day	0.0004			1		
21.	Manganese, total (7439-96-5)	☑	☐	Concentration	mg/L	0.22			1		
				Mass	kg/day	0.05			1		
22.	Tin, total (7440-31-5)	☐	☑	Concentration	mg/L	ND			1		
				Mass							
23.	Titanium, total (7440-32-6)	☑	☐	Concentration	mg/L	ND			1		
				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 instructions and 40 CFR 122.21(e)(3).

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

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

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☑		
78.	Xylene	☑	☐	Possibly present in all outfalls from soil and/or petroleum contact	N.D. (mg/L)
79.	Xylenol	☐	☑		
80.	Zirconium	☐	☑		

[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 instructions and 40 CFR 122.21(e)(3).

ATTACHMENT C

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

APPLICATION FORM 2F

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
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Form 2F NPDES

U.S Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY

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

Outfall Location

1.1 Provide information on each of the facility's outfalls in the table below

Outfall Number	Receiving Water Name	Latitude	Longitude
002	Illinois & Michigan Canal	44° 37′ 04″ N	88° 03′ 40″ W
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″

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

Improvements

2.1 Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?

☐ Yes ☑ No ➔ SKIP to Section 3.

2.2 Briefly identify each applicable project in the table below.

Brief Identification and Description of Project	Affected Outfalls (list outfall numbers)	Source(s) of Discharge	Final Compliance Dates	
			Required	Projected

2.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (Optional Item)

☐ Yes ☐ No

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

Site Drainage Map

3.1 Have you attached a site drainage map containing all required information to this application? (See instructions for specific guidance.)

☑ Yes ☐ No

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

Pollutant Sources

4.1 Provide information on the facility's pollutant sources in the table below.

Outfall Number	Impervious Surface Area (within a mile radius of the facility)		Total Surface Area Drained (within a mile radius of the facility)	
002	5.65	*specify units* Acres	70.8	*specify units* Acres
		specify units		*specify units*
		specify units		*specify units*
		specify units		*specify units*
		specify units		*specify units*
		specify units		*specify units*

4.2 Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)

See supplemental information attachment for information.

4.3 Provide the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff. (See instructions for specific guidance.)

Stormwater Treatment		
Outfall Number	**Control Measures and Treatment**	**Codes from Exhibit 2F–1** (list)
002	Sedimentation; Oil/Water separation (if oil is separated)	1-U

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

Non-Stormwater Discharges

5.1 *I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges. Moreover, I certify that the outfalls identified as having non-stormwater discharges are described in either an accompanying NPDES Form 2C, 2D, or 2E application.*

Name (print or type first and last name)	Official title
Eric Hetrick	Regulatory Advisor
Signature	**Date signed**
	10/6/22

5.2 Provide the testing information requested in the table below.

Outfall Number	Description of Testing Method Used	Date(s) of Testing	Onsite Drainage Points Directly Observed During Test
002	Waste Streams are known and identified in Form 2C	06/07/2022	Outfall 002 and North Sto

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

Significant Leaks or Spills

6.1 Describe any significant leaks or spills of toxic or hazardous pollutants in the last three years.

None

SECTION 7. DISCHARGE INFORMATION (40 CFR 122.26(c)(1)(i)(E))

Discharge Information

See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.

7.1 Is this a new source or new discharge?

☐ Yes ➔ See instructions regarding submission of *estimated* data. ☑ No ➔ See instructions regarding submission of *actual* data.

Tables A, B, C, and D

7.2 Have you completed Table A for each outfall?

☑ Yes ☐ No

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ILD 041518861	IL0002305	Chevron Environmental	

Discharge Information Continued

7.3	Is the facility subject to an effluent limitation guideline (ELG) or effluent limitations in an NPDES permit for its process wastewater? ☐ Yes ☑ No ➔ SKIP to Item 7.5.
7.4	Have you completed Table B by providing quantitative data for those pollutants that are (1) limited either directly or indirectly in an ELG and/or (2) subject to effluent limitations in an NPDES permit for the facility's process wastewater? ☐ Yes ☐ No
7.5	Do you know or have reason to believe any pollutants in Exhibit 2F–2 are present in the discharge? ☑ Yes ☐ No ➔ SKIP to Item 7.7.
7.6	Have you listed all pollutants in Exhibit 2F–2 that you know or have reason to believe are present in the discharge and provided quantitative data or an explanation for those pollutants in Table C? ☑ Yes ☐ No
7.7	Do you qualify for a small business exemption under the criteria specified in the Instructions? ☐ Yes ➔SKIP to Item 7.18. ☑ No
7.8	Do you know or have reason to believe any pollutants in Exhibit 2F–3 are present in the discharge? ☑ Yes ☐ No ➔ SKIP to Item 7.10.
7.9	Have you listed all pollutants in Exhibit 2F–3 that you know or have reason to believe are present in the discharge in Table C? ☑ Yes ☐ No
7.10	Do you expect any of the pollutants in Exhibit 2F–3 to be discharged in concentrations of 10 ppb or greater? ☑ Yes ☐ No ➔ SKIP to Item 7.12.
7.11	Have you provided quantitative data in Table C for those pollutants in Exhibit 2F–3 that you expect to be discharged in concentrations of 10 ppb or greater? ☑ Yes ☐ No
7.12	Do you expect acrolein, acrylonitrile, 2,4-dinitrophenol, or 2-methyl-4,6-dinitrophenol to be discharged in concentrations of 100 ppb or greater? ☐ Yes ☑ No ➔ SKIP to Item 7.14.
7.13	Have you provided quantitative data in Table C for the pollutants identified in Item 7.12 that you expect to be discharged in concentrations of 100 ppb or greater? ☐ Yes ☑ No
7.14	Have you provided quantitative data or an explanation in Table C for pollutants you expect to be present in the discharge at concentrations less than 10 ppb (or less than 100 ppb for the pollutants identified in Item 7.12)? ☑ Yes ☐ No
7.15	Do you know or have reason to believe any pollutants in Exhibit 2F–4 are present in the discharge? ☑ Yes ☐ No ➔ SKIP to Item 7.17.
7.16	Have you listed pollutants in Exhibit 2F–4 that you know or believe to be present in the discharge and provided an explanation in Table C? ☑ Yes ☐ No
7.17	Have you provided information for the storm event(s) sampled in Table D? ☑ Yes ☐ No

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

Discharge Information Continued

Used or Manufactured Toxics

7.18 Is any pollutant listed on Exhibits 2F–2 through 2F–4 a substance or a component of a substance used or manufactured as an intermediate or final product or byproduct?

☐ Yes ☑ No ➔ SKIP to Section 8.

7.19 List the pollutants below, including TCDD if applicable.

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

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

Biological Toxicity Testing Data

8.1 Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last three years?

☐ Yes ☑ No ➔ SKIP to Section 9.

8.2 Identify the tests and their purposes below.

Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
		☐ Yes ☐ No	
		☐ Yes ☐ No	
		☐ Yes ☐ No	

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

Contract Analysis Information

9.1 Were any of the analyses reported in Section 7 (on Tables A through C) performed by a contract laboratory or consulting firm?

☑ Yes ☐ No ➔ SKIP to Section 10.

9.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Eurofins Lancaster Laboratory		
Laboratory address	2425 New Holland Pike Lancaster, PA 17605-2425		
Phone number	(717) 656-2300		
Pollutant(s) analyzed	All analyses required by this permit		

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ILD 041518861	IL0002305	Chevron Environmental	

SECTION 10. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement

10.1 In Column 1 below, mark the sections of Form 2F that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.

Column 1	Column 2
☑ Section 1	☐ w/ attachments (e.g., responses for additional outfalls)
☐ Section 2	☐ w/ attachments
☑ Section 3	☑ w/ site drainage map
☑ Section 4	☑ w/ attachments
☑ Section 5	☐ w/ attachments
☐ Section 6	☐ w/ attachments
☑ Section 7	☑ Table A ☐ w/ small business exemption request ☑ Table B ☐ w/ analytical results as an attachment ☑ Table C ☐ Table D
☐ Section 8	☐ w/attachments
☑ Section 9	☐ w/attachments (e.g., responses for additional contact laboratories or firms)
☑ Section 10	☐

10.2 **Certification Statement**

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

Name (print or type first and last name)	Official title
Eric Hetrick	Regulatory Advisor
Signature	**Date signed**
	10/6/22

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ILD 041518861	IL0002305	Chevron Environmental	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))[1]

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

	Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	1.9 mg/L				1	
2.	Biochemical oxygen demand (BOD_5)	2.6 mg/L	-			1	
3.	Chemical oxygen demand (COD)	40 mg/L	-			1	
4.	Total suspended solids (TSS)	60 mg/L	-			1	
5.	Total phosphorus	0.23 mg/L	-			1	
6.	Total Kjeldahl nitrogen (TKN)	1.2 mg/L	-			1	
7.	Total nitrogen (as N)	3.2 mg/L	-			1	
8.	pH (minimum)	7.9				1	
	pH (maximum)	7.9				1	

[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 instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ILD 041518861	IL0002305	Chevron Environmental	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(A))[1]

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

Pollutant and CAS Number (if available)	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
Effluent limits for pH and oil and grease for this						
outfall are listed in the Facility's current NPDES						
permit; Results are provided in Part A above						
No effluent guidelines apply to the Facility.						

[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 instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ILD 041518861	IL0002305	Chevron Environmental	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(B) and (vii))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	**Maximum Daily Discharge** (specify units)		**Average Daily Discharge** (specify units)		**Number of Storm Events Sampled**	**Source of Information** (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	**Flow-Weighted Composite**	**Grab Sample Taken During First 30 Minutes**	**Flow-Weighted Composite**		
Refer to Form 2C (attached) for analytical data						
and/or information regarding all other						
parameters listed in Tables 2F-2 and 2F-4						

[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 instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
ILD 041518861	IL0002305	Chevron Environmental	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))

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

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
06/07/2022	1.5	0.50	108	0.075 MGD	4,700 gallons

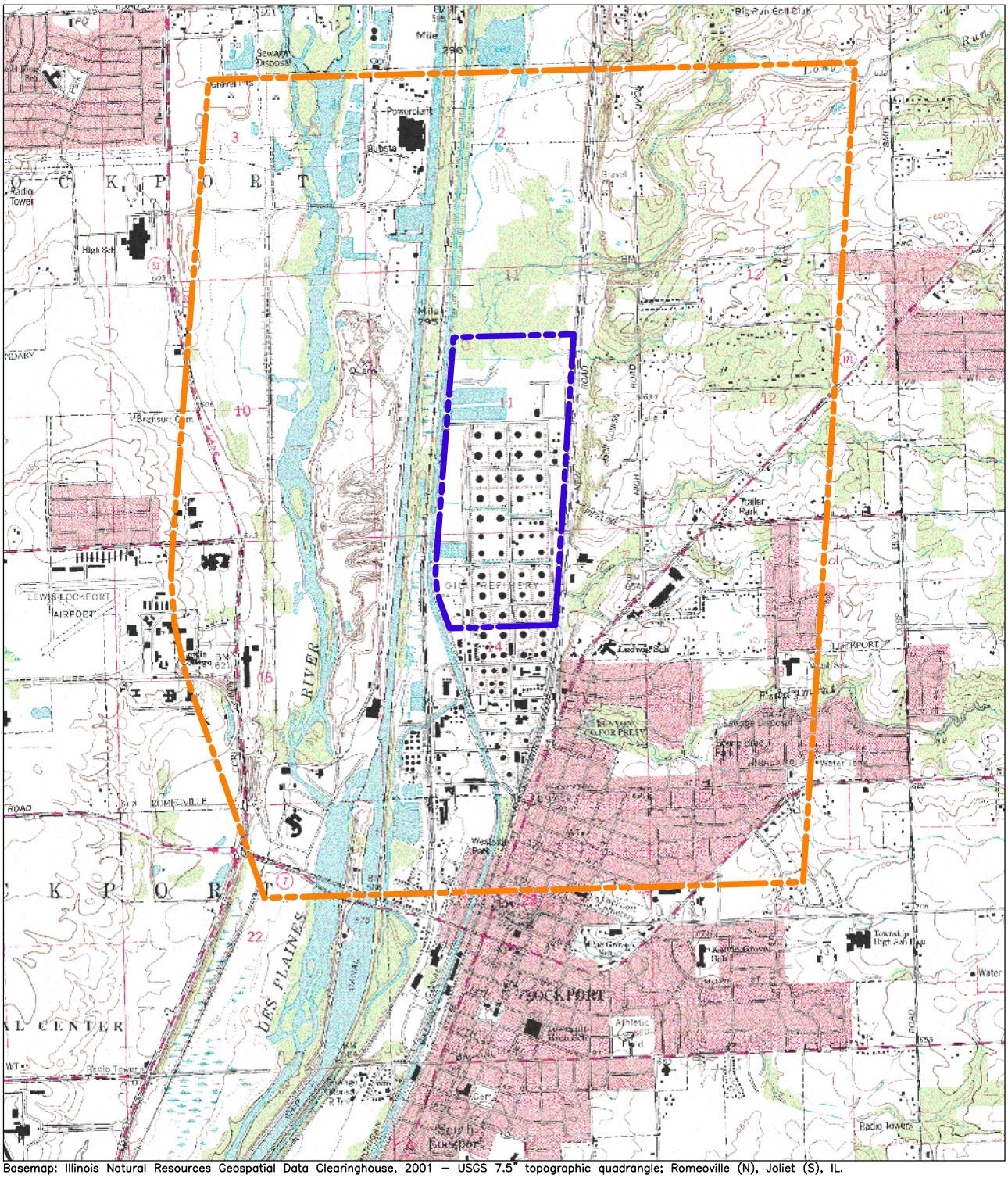
Provide a description of the method of flow measurement or estimate.

Level transducer measuring pond height at Outfall. Flow estimated utilizing pond and outfall geometry with hydraulic calculations.

ATTACHMENT D

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

FIGURES



Basemap: Illinois Natural Resources Geospatial Data Clearinghouse, 2001 – USGS 7.5" topographic quadrangle; Romeoville (N), Joliet (S), IL.

EXPLANATION

FACILITY BOUNDARY

ONE MILE OFFSET FROM SITE BOUNDRY

N

0 3000'

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FIGURE I-1

FORMER TEXACO LOCKPORT REFINERY AND VICINITY

NPDES PERMIT RENEWAL APPLICATION FORMER TEXACO LOCKPORT REFINERY LOCKPORT, ILLINOIS

Drawn By: JLP	Checked By: BK	Scale: 1" = 3000'	Date: 8/22/22	File: 019_NPDESRN-USGS_1MILE

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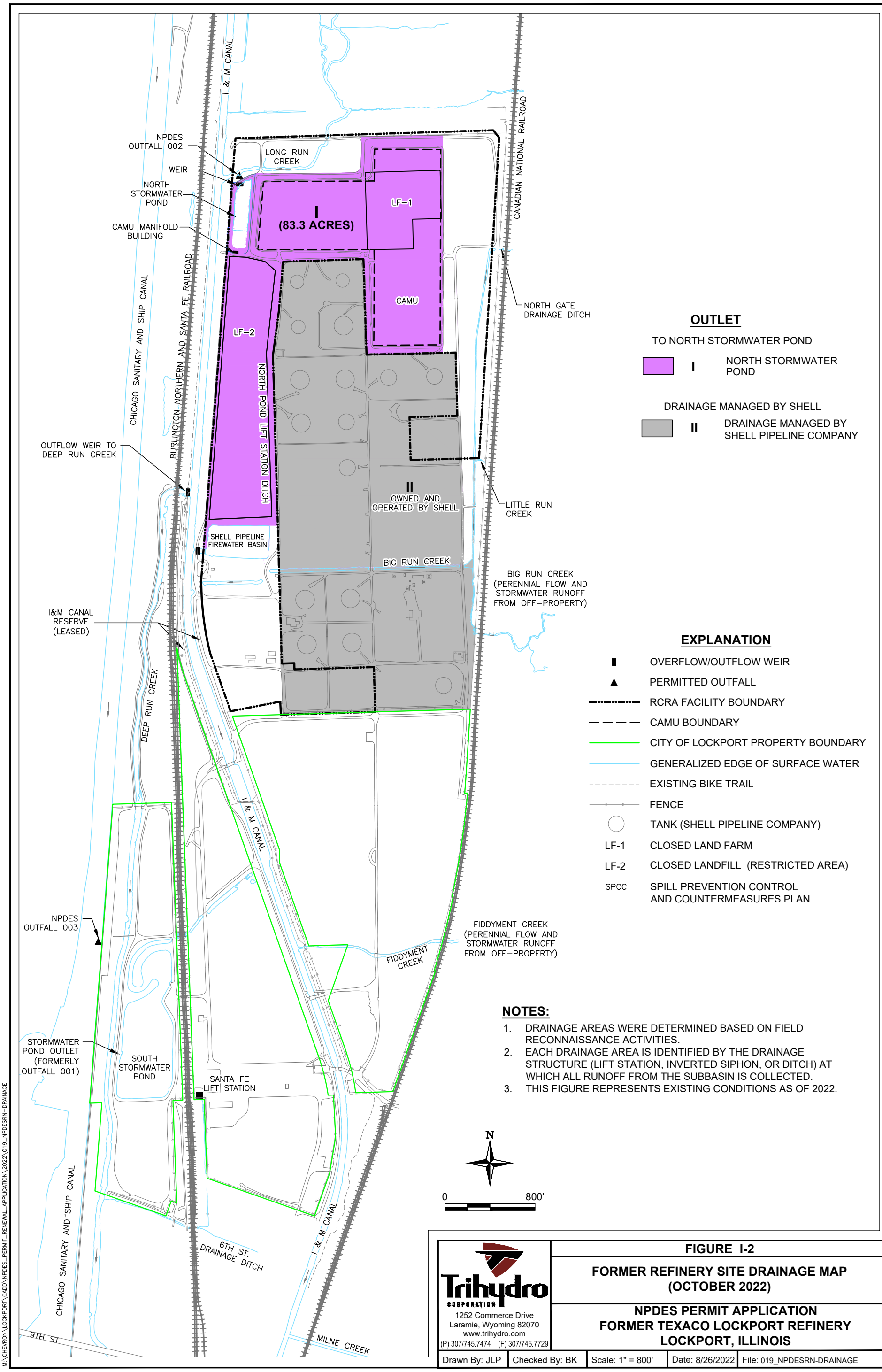

OUTLET

TO NORTH STORMWATER POND

I — NORTH STORMWATER POND

DRAINAGE MANAGED BY SHELL

II — DRAINAGE MANAGED BY SHELL PIPELINE COMPANY

EXPLANATION

- OVERFLOW/OUTFLOW WEIR
- PERMITTED OUTFALL
- RCRA FACILITY BOUNDARY
- CAMU BOUNDARY
- CITY OF LOCKPORT PROPERTY BOUNDARY
- GENERALIZED EDGE OF SURFACE WATER
- EXISTING BIKE TRAIL
- FENCE
- TANK (SHELL PIPELINE COMPANY)
- LF-1 — CLOSED LAND FARM
- LF-2 — CLOSED LANDFILL (RESTRICTED AREA)
- SPCC — SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

NOTES:

1. DRAINAGE AREAS WERE DETERMINED BASED ON FIELD RECONNAISSANCE ACTIVITIES.
2. EACH DRAINAGE AREA IS IDENTIFIED BY THE DRAINAGE STRUCTURE (LIFT STATION, INVERTED SIPHON, OR DITCH) AT WHICH ALL RUNOFF FROM THE SUBBASIN IS COLLECTED.
3. THIS FIGURE REPRESENTS EXISTING CONDITIONS AS OF 2022.

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FIGURE I-2

FORMER REFINERY SITE DRAINAGE MAP (OCTOBER 2022)

**NPDES PERMIT APPLICATION
FORMER TEXACO LOCKPORT REFINERY
LOCKPORT, ILLINOIS**

Drawn By: JLP	Checked By: BK	Scale: 1" = 800'	Date: 8/26/2022	File: 019_NPDESRN-DRAINAGE

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TEXACO LOCKPORT ILLINOIS PLANT
DRAWING LP-7233

FIGURE I-3
DETAILED TOPOGRAPHIC MAP SHOWING IMPERVIOUS AREAS LOCKPORT PLANT
NPDES PERMIT RENEWAL APPLICATION FORMER TEXACO LOCKPORT REFINERY LOCKPORT, ILLINOIS

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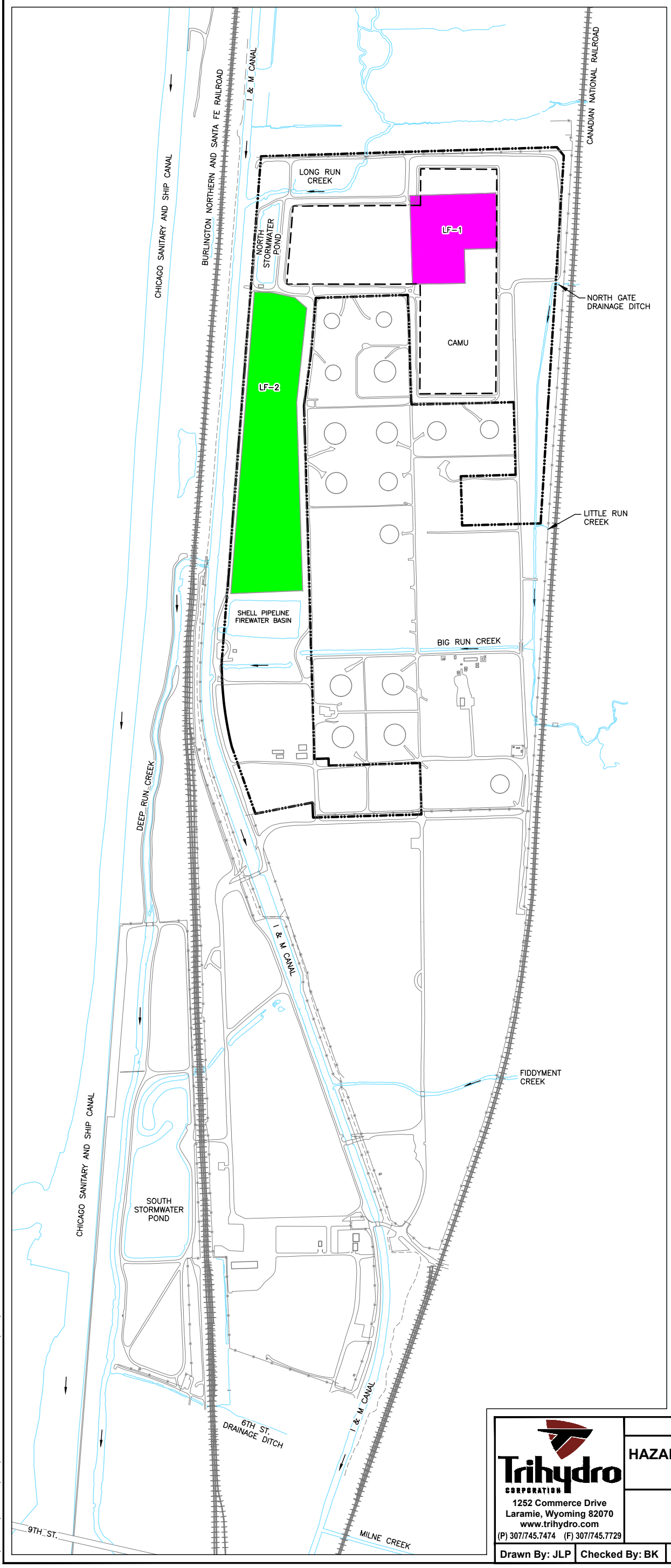
Drawn By: JLP	Checked By: BK	Scale: 1" = 200'	Date: 8/24/2022	File: 019_NPDESRN-TOPO



EXPLANATION

- RCRA FACILITY BOUNDARY
- CAMU BOUNDARY
- EXISTING BIKE TRAIL
- FENCE
- GENERALIZED EDGE OF SURFACE WATER
- SURFACE WATER FLOW DIRECTION
- TANK (SHELL PIPELINE COMPANY)

HAZARDOUS WASTE MANAGEMENT UNITS

- LF-1 — CLOSED FORMER LANDFARM NO. 1 (RESTRICTED AREA)
- LF-2 — CLOSED LANDFILL (RESTRICTED AREA)

N

0 800'

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FIGURE I-4

HAZARDOUS WASTE MANAGEMENT UNITS (CLOSED)
LOCKPORT PLANT

NPDES PERMIT RENEWAL APPLICATION
FORMER TEXACO LOCKPORT REFINERY
LOCKPORT, ILLINOIS

Drawn By: JLP	Checked By: BK	Scale: 1" = 800'	Date: 8/19/2022	File: 019_NPDESRN-HWMU

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

2016 WELLS
- DOMESTIC
- INDUSTRIAL / COMMERCIAL
- NON-COMMUNITY SUPPLY

2008 WELLS
- DOMESTIC
- INDUSTRIAL / COMMERCIAL
- NON-COMMUNITY SUPPLY

EXPLANATION
- NE ILLINOIS POTENTIOMETRIC SURFACE CONTOUR
- 1 MILE RADIUS
- EXISTING RCRA FACILITY BOUNDARY
- APPROXIMATE DRAINAGE AREA

- 2016 WELL DATA FROM ILLINOIS STATE GEOLOGIC SURVEY (3/11/2016).
- 2008 WELL DATA FROM ILLINOIS STATE WATER SURVEY (7/31/2008; UPDATED 11/15/2021 FOR TOWNSHIP 36N, RANGE 10E, SECTIONS 11 AND 14).
- REGIONAL POTENTIOMENTRIC CONTOURS FROM ILLINOIS EPA SOURCE WATER ASSESSMENT PROGRAM ARCIMS MAPPING TOOL (5/15/2014).
- 2016 WELLS WITH NO IDENTIFICATION NUMBER HAVE NOT BEEN ASSIGNED A P-NUMBER IN THE ILWATER DATABASE.

N

0 600 1,200'

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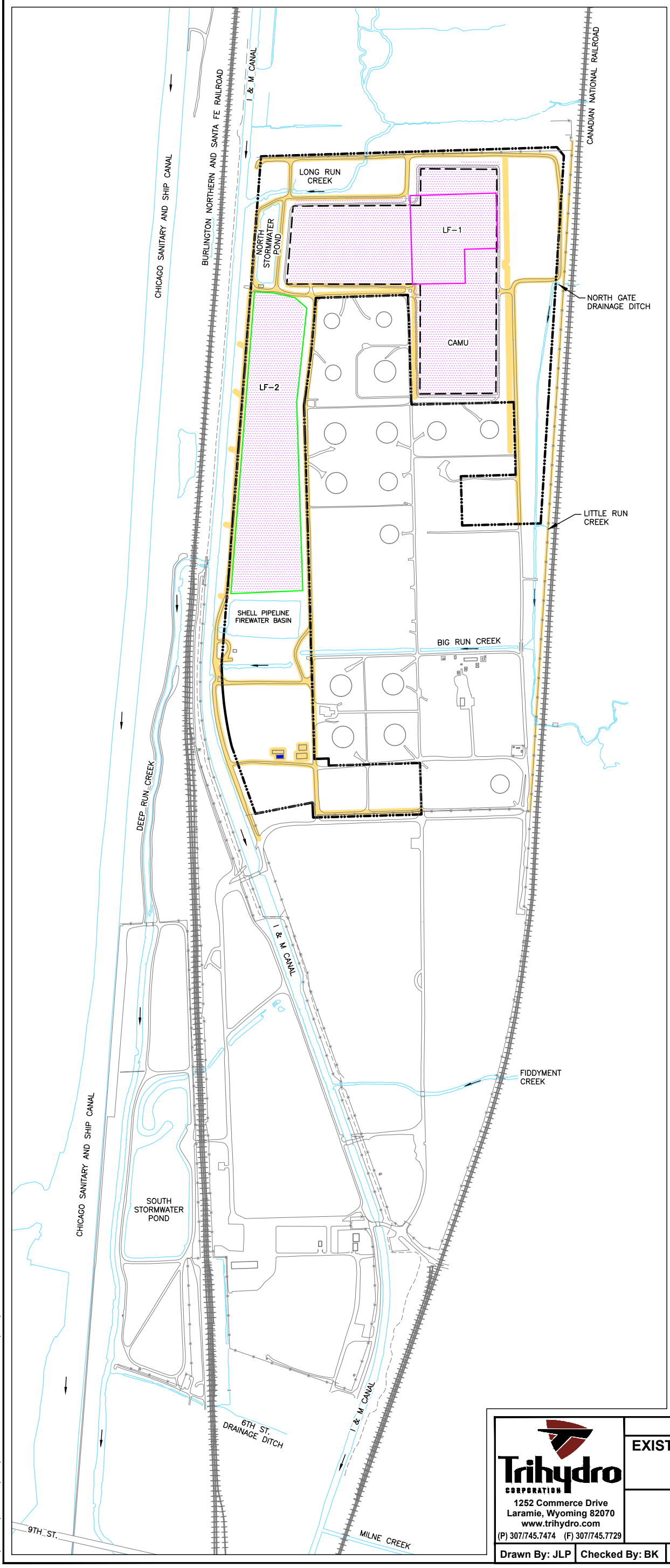
FIGURE 1-5

PERMITTED OFF-SITE WATER SUPPLY WELLS WITHIN ONE MILE OF GMZ BOUNDARY

FORMER TEXACO LOCKPORT REFINERY, LOCKPORT, ILLINOIS

Drawn By: PH	Checked By: BK	Scale: 1" = 1200'	Date: 03/30/16	File: Lockport_RCRA_FigureB41MILE.mxd



EXPLANATION

- CURRENT MATERIALS LOADING/UNLOADING AREA
- HERBICIDE APPLICATION AREA
- FERTILIZER APPLICATION AREA
- RCRA FACILITY BOUNDARY
- CAMU BOUNDARY
- LF-1 CLOSED LAND FARM
- LF-2 CLOSED LANDFILL (RESTRICTED AREA)
- EXISTING BIKE TRAIL
- FENCE
- GENERALIZED EDGE OF SURFACE WATER
- SURFACE WATER FLOW DIRECTION
- TANK (SHELL PIPELINE COMPANY)

N

0 800'

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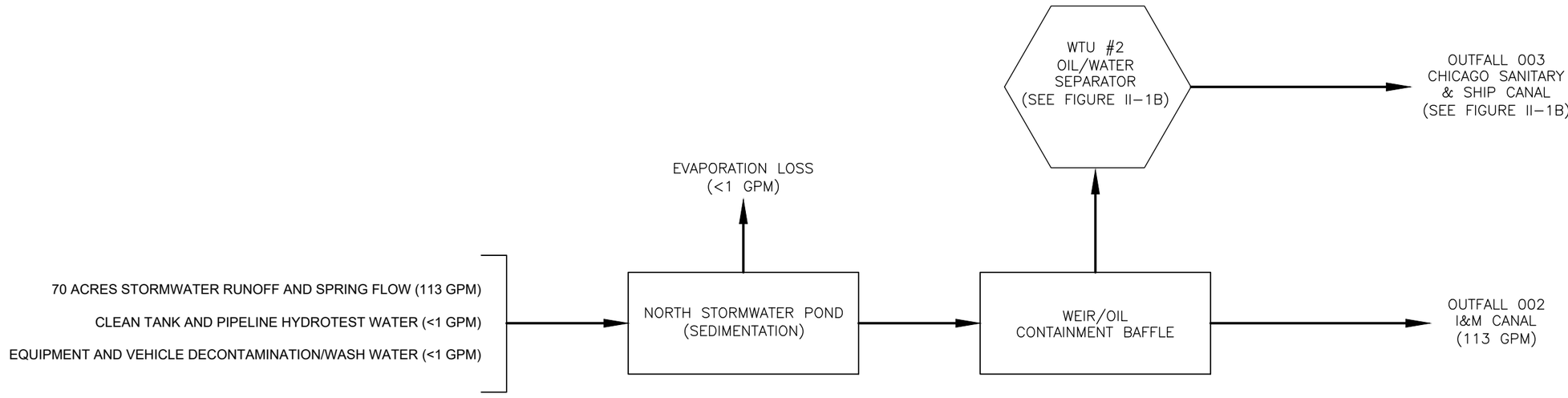
FIGURE I-6

EXISTING MATERIALS LOADING/UNLOADING AREAS AND HERBICIDE APPLICATION AREAS LOCKPORT PLANT

NPDES PERMIT RENEWAL APPLICATION FORMER TEXACO LOCKPORT REFINERY LOCKPORT, ILLINOIS

Drawn By: JLP	Checked By: BK	Scale: 1" = 800'	Date: 9/7/2022	File: 019_NPDESRN-HERBAPP



NOTE

ALL FLOWS ARE DERIVED FROM ANNUAL AVERAGES

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FIGURE II-1A

**UPDATED PROCESS FLOW DIAGRAM
STORMWATER TREATMENT UNIT**

**NPDES PERMIT RENEWAL APPLICATION
FORMER TEXACO LOCKPORT REFINERY
LOCKPORT, ILLINOIS**

Drawn By: JLP	Checked By: BK	Scale: NONE	Date: 9/30/2022	File:019_NPDESRN-SWFLOWPFD

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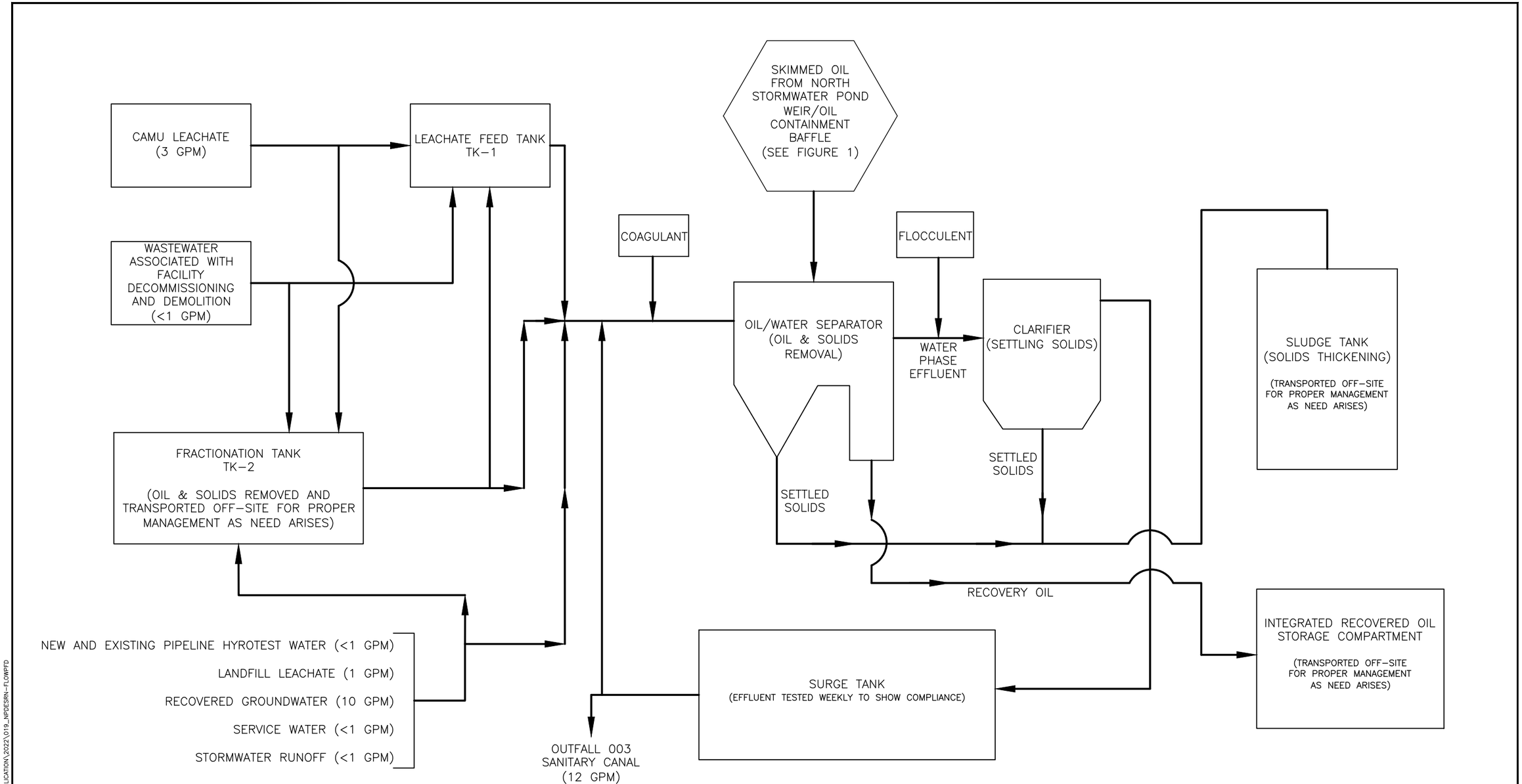

NOTES

1. ALL FLOWS ARE DERIVED FROM ANNUAL AVERAGES

M:\CHEVRON\LOCKPORT\C4DD\NPDES_PERMIT_RENEWAL_APPLICATION\2022\019_NPDESRN-FLOWPFD

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FIGURE II-1B

UPDATED PROCESS FLOW DIAGRAM
WASTEWATER TREATMENT UNIT #2

NPDES PERMIT RENEWAL APPLICATION
FORMER TEXACO LOCKPORT REFINERY
LOCKPORT, ILLINOIS

Drawn By: JLP	Checked By: BK	Scale: NONE	Date: 8/19/2022	File: 019_NPDESRN-FLOWPFD

ATTACHMENT E

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

SUPPLEMENTAL INFORMATION

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
APPLICATION FOR PERMIT RENEWAL
NPDES PERMIT NO. IL0002305
ILD041518861

SUPPLEMENTAL INFORMATION

Form 1, Section 3 (40 CFR 122.21(f)(3)), SIC Codes

The site, known as the Former Texaco Lockport Refinery, and owned by Chevron Environmental Management Company ("Chevron"), is a former petroleum refinery currently undergoing final remediation measures and ongoing operations and maintenance under a RCRA Post-Closure Permit (B-38R). Originally the permitted RCRA boundary was coincident with the former refinery boundary. A renewed RCRA Post-Closure Permit was issued in 2013, whereby the permitted boundary of the RCRA Facility was modified and certain property was removed from the RCRA Facility. The term "Facility" is used to denote the current RCRA Facility boundary and the term "Site" or "former refinery site" is utilized to refer to the former refinery boundary. The SIC code for petroleum refining no longer applies to this site because there are no active refinery operations. A portion of the former refinery site is owned by Shell Pipeline, LLC (formerly Equilon Enterprises, LLC) for operation of a petroleum pipeline breakout facility.

The facility has undergone notable changes, that are relevant to National Pollutant Discharge Elimination System (NPDES) permit issuance. A modified NPDES permit was issued by IEPA on July 28th, 2022. The modified permit no longer includes the former Outfall 001. The southern portion of the former refinery site which drains through former Outfall 001 no longer contains operations which could be classified as stormwater associated with industrial activity (SAIA). This portion (including the location of former Outfall 001) of the former refinery site is now owned and operated by the City of Lockport. Modifications to site drainage patterns have separated stormwater drainage, ensuring that drainage from Chevron owned property does not discharge through former Outfall 001.

Form 2C, Section 3 (40 CFR 122.21(g)(3)), Outfall Descriptions: (1) Operations Contributing Treated Wastewater to Effluent; (2) Average Flow Contributed by Each Operator; and (3) Treatment

This section contains outfall descriptions, including operations contributing stormwater and wastewater effluent, average flow contributed by each operation and treatment that the stormwater and wastewater receives. Descriptions are presented for Outfalls 002 and 003. A subsection detailing the management of stormwater runoff that is not directed to either of the Facility's stormwater ponds, but is regulated under a Construction Stormwater General Permit, is also included in this section.

Outfall 002

This outfall discharges, as currently permitted, to the Illinois & Michigan ("I&M") Canal in the northern part of the Facility (see Figure I-2). Effluent from this outfall is routinely tested as required by the Facility's current NPDES Permit and effluent limitations have continuously been met. Additionally, a portion of the Site is currently owned and operated by Shell Pipeline Company, LLC as a petroleum pipeline breakout facility. Shell operated the pipeline breakout facility on property owned by Chevron up

until 2011, after which the land became the property of Shell. Outfall 002 was shared by both entities to discharge stormwater and treated effluent. After the sale, Shell and Chevron began the process of segregation of stormwater from the two facilities with the ultimate goal of Outfall 002 being utilized solely by Chevron. As of early 2017, Shell manages stormwater and effluent from their property separately from Chevron; Shell no longer discharges their stormwater or treated effluent to the Chevron-permitted Outfall 002.

Operations Contributing Stormwater & Treated Wastewater to Effluent

Outfall 002 consists of stormwater runoff and certain wastewaters generated in the northern portion of the Facility. This outfall formerly included perennial flow and stormwater runoff from an off-property industrial park. Perennial flow from the off-property industrial park was diverted away from Outfall 002 as approved by a Clean Water Act Section 404 Joint Permit in 2015. Subsequently this water no longer impacts the CEMC facility for the purpose of Outfall 002 operation.

Stormwater and wastewater generated in sub-basin I is routed by gravity to the North Stormwater Pond through a series of drainage ditches (see Figure I-2). Small quantities of groundwater also enter the stormwater drainage system due to the presence of a naturally occurring high water table. Groundwater flow to surface drainage is considered to be a form of natural stormwater drainage and not a process wastewater.

Equipment and vehicle decontamination/wash water is an additional waste stream contributing to discharge through Outfall 002. Historically, the source for this waste stream is water used for the decontamination of equipment associated with site remediation. Vehicle washwater used for decontamination will be collected within a sealed tank located at the decontamination/vehicle washing station or transferred with a vacuum truck to wastewater treatment unit #2 (WTU #2) for treatment and eventual discharge through Outfall 003. This waste stream is included as a contributor of discharge to Outfall 002 to provide additional operational flexibility throughout the site. Average flows of each process wastewater contributions to Outfall 002 are tabulated in Table 2.

Table 2: Average Flow Contributed by Each Operation at Outfall 002

Stormwater Runoff and Spring Flow	113 gpm
Clean Tank and New Pipeline Hydrotest water	< 1 gpm
Equipment and Vehicle Decontamination/Wash Water	< 1 gpm
Evaporation Loss	(< 1 gpm)*
Total	113 gpm

*Values in parentheses represent a net loss

Iron Monitoring

As required by the current NPDES Permit, Chevron has completed monitoring of iron at Outfall 002 on a quarterly basis. Nineteen (19) total samples have been collected since 2018 with the issuance of the renewed permit. All samples were analyzed for, and all values reported here represent total iron. Reporting of total iron provides a conservative analysis as surface water standards for iron promulgated under CWA 304 are for the dissolved portion. The maximum detected value of iron since 2018 is 2.8 mg/L and the overall average is 0.7 mg/L. Previous permit applications have included sample detections of iron, in 2017 (4.36 mg/L) and in 2010 (0.749 mg/L). Extensive changes to site drainage flowing to Outfall 002 were completed between 2010 and 2018 with the final cover and drainage system of an onsite Corrective Action Management Unit (CAMU) permitted through the Facilities RCRA Post-Closure Permit and

separation of stormwater drainage of Chevron and Shell properties. Drainage to Outfall 002 has been largely unchanged since 2018. Before and after changes to stormwater drainage paths, iron has been continuously detected at low levels, as demonstrated. Chevron believes no furthering monitoring efforts for iron are necessary at Outfall 002 and requests that it be removed from the renewed NPDES permit once issued. In the interim, Chevron will continue to monitor for total iron.

Treatment

Treatment at the North Stormwater Pond is accomplished by settling and oil/water separation. The outfall weir is equipped with an oil containment baffle and effluent is discharged through the weir to the I&M Canal. Oil, if present, is skimmed and transferred to the oil/water separator located at WTU #2 for phase separation. Oil has never been observed at the containment baffle on the North Stormwater Pond. A process flow diagram for stormwater treatment is presented on Figure II-1A.

Outfall 003

Outfall 003 receives treated effluent from WTU #2 which discharges to the Chicago Sanitary and Ship Canal as currently permitted.

Operations Contributing Treated Wastewater to Effluent

Permitted operations/sources contributing to wastewater treated at WTU #2 include: leachate from a closed CAMU; landfill leachate from LF-2, which is a closed hazardous waste management unit (see Figure I-4); recovered groundwater; wastewater associated with facility decontamination and demolition; new and existing pipeline hydrotest water; service water; and stormwater. Wastewater associated with facility decontamination and demolition activities includes water draining; steam out and wash out of tanks, pipelines, and other equipment; and water used for the decontamination of equipment used for site remediation. Incidental impacted stormwater is also included with wastewaters associated with facility decommissioning and demolition. Service water includes unit washdown water from WTU #2.

The CAMU and LF-2 were constructed with a protective cap, comprising an impermeable linear low-density polyethylene (LLDPE) liner, protective cover soil, and seeded topsoil, which isolates stormwater from the encapsulated wastes. Throughout the post-closure care period for each of the units, any leachate generated from the CAMU or LF-2 will be collected and treated through WTU #2 and discharged through Outfall 003.

Contact stormwater may be generated within LF-2 or the CAMU if Chevron conducts maintenance or repairs to either of those facilities that would require portions of the cap to be removed, exposing remediation waste to stormwater. Chevron does not anticipate the need for maintenance activities on LF-2 or the CAMU that would require cap removal. However, in the unlikely event that the need for such maintenance activities arises, stormwater that comes in contact with remediation waste will be managed along with, and in the same manner as the landfill leachate, and, therefore, collected for treatment in the WTU #2. Average flows from each process wastewater contribution to Outfall 003 are shown in Table 3.

Table 3: Average Flow Contributed by Each Operation at Outfall 003	
CAMU Leachate	~3 gpm
Landfill Leachate	~1 gpm
Recovered Groundwater	~8 gpm
Service Water	<1 gpm
Wastewater Associated with Facility Decommissioning and Demolition	<1 gpm
New and Existing Pipeline Hydrotest Water	<1 gpm
Stormwater Runoff	<1 gpm
Total	12 gpm

*Values in parentheses represent a net loss

Treatment of Wastewaters at WTU #2

Recovered groundwater from the interceptor trenches are pumped via pipeline from collection sumps to an oil/water separator in WTU #2. Leachate from LF-2 and the CAMU is pumped via pipeline to a 21,000 gallon leachate feed tank (TK-1), shown on Figure II-1B. Combined leachate then is conveyed by gravity to the oil/water separator in WTU #2. If large amounts of hydrocarbon product are present in other wastewater streams, those wastewater streams are first transferred to a fractionation tank (TK-2) for gravitational separation. Recovered hydrocarbon from TK-2 (if present) is transported off-site as recovered oil and properly managed according to applicable regulations. Remaining leachate from TK-2 is transferred via vacuum truck to TK-1 for transport to the oil/water separator for further treatment. A process flow diagram for wastewater treatment through WTU #2 is presented on Figure II-1B.

The oil/water separator is designed to accommodate 288,000 gpd (200 gpm) throughput. The separator also receives unit washwater and solids dewatering decant from a containment sump in the WTU #2 building. The reserve capacity of the oil/water separator allows for increased operational flexibility in treating groundwater and other waste streams, as well as increasing retention times to enhance solids removal. Prior to entering the oil/water separator, leachate and recovered groundwater may be mixed with IEPA-approved coagulant injected via an electronic metering pump, located at the influent end of the oil/water separator. The purpose of the coagulant is to produce consolidation of non-soluble particles by means of charge neutralization. These non-soluble particles will then form pin floc particles in the water. Recovered oil is routed to and accumulated in an integrated oil storage compartment within the separator. Settled solids, recovered in the oil/water separator are routed to a solids dewatering/thickening tank (see Figure II-1B). Thickened solids are containerized and transported offsite for proper treatment and disposal as the need arises.

Water-phase effluent from the oil/water separator is routed to a clarifier where additional solids settling occurs. If needed, IEPA-approved flocculent can be injected via an electronic metering pump located at the effluent end of the oil/water separator. The flocculent will bind to the pin floc particles which will grow in size as wastewater flows through the clarifier, thereby promoting additional settling of solids in the clarifier. The clarifier is rated at a maximum capacity of 288,000 gpd (200 gpm) throughput. Solids recovered in the clarifier are routed via a sludge pump to the solids dewatering/thickening tank. Thickened solids are containerized and transported offsite for proper treatment and disposal as the need arises according to applicable regulations. The effluent from the clarifier enters a 2,500-gallon surge tank and is then routed downstream for discharge through Outfall 003. Final effluent is tested on a monthly and quarterly basis as required by the current NPDES Permit, and effluent limitations have been continuously met.

Stormwater Associated with Industrial Activity

Stormwater runoff from both the CAMU and LF-2 is routed directly to the North Stormwater Pond or managed with wastewater, as detailed in the preceding sub-sections. That stormwater is regulated under the Facility's individual NPDES Permit (Permit No. IL0002305). Stormwater runoff from the remaining portions of the former refinery site still owned and operated by Chevron does not drain to the North Stormwater Pond. As these areas are assessed and remediated, stormwater associated with industrial activity (SAIA) may occur. Discharge of SAIA that is not covered under our individual NPDES Permit is authorized and regulated under the Facility's Construction Stormwater General Permit (ILR105401), issued on May 14, 2000 (NPDES General Permit). The Facility maintains a Stormwater Pollution Prevention Plan (SWPPP) for these discharges as required by the conditions of NPDES General Permit.

In areas where SAIA cannot be routed to the stormwater ponds, impacted stormwater, if present, is collected in vacuum trucks and treated through WTU #2 as permitted under our individual NPDES Permit. Other SAIA is controlled by implementing the management practices specified in the Facility SWPPP.

Form 2F, Section 4 (40 CFR 122.26(c)(1)(i)(B)), Significant Materials Description, Materials Loading and Access Areas, and Herbicide Application Areas

This section contains a description of significant materials, materials loading and access areas, and herbicide and fertilizer application areas.

Significant Materials

No significant materials are currently treated, stored or disposed of in a manner to allow exposure to stormwater. There are no ashes, slag, sludge, or other significant materials/wastes that have the potential to contact or be released with stormwater discharges. No pesticides are stored or applied at this Facility.

Materials Loading and Access Areas

Current materials loading/unloading areas are shown on Figure I-6. Transfers of steam-out/washout water, water associated with facility demolition and decommissioning, heavy equipment and vehicle decontamination/wash water, and collected stormwater are made to the oil/water separator at WTU #2. Recovered oil, classified as hazardous waste F039, is periodically removed from the WTU #2 oil/water separator and managed in accordance with applicable regulations. Dewatered sludge and bottom sediments, also classified as hazardous waste F039, are transferred from the solids dewatering/thickening tank at WTU #2 and managed in accordance with applicable regulations.

Previously, CEMC and its contractors operated a small fueling depot to fuel equipment needed for remediation of the Facility. These tanks and appurtenances have since been removed with the completion of large-scale remediation efforts further reducing SAIA exposure at the site.

Herbicide and Fertilizer Application Areas

IEPA-approved liquid herbicides are applied by contractors periodically on an as-needed basis at the locations shown on Figure I-6. Herbicides are applied for purposes of safety and security. Herbicide application areas include selected fence lines, roadways, railroad tracks, landfill and CAMU perimeters, areas within electrical sub-stations, pond levees, access areas to groundwater monitoring wells, and

around the perimeter of active tanks, pipelines, and buildings. Herbicides are in liquid form and are sprayed on the areas described.

Fertilizers are applied rarely on as as-needed basis to LF-2 and the CAMU to enhance vegetative growth and minimize erosion to the landfill caps. Fertilizer was last applied at LF-2 and the CAMU in 2019 in targeted areas which required revegetation after the completion of erosion repairs. No pesticides or soil conditioners are applied at this facility.

Form 2F, Section 4 (40 CFR 122.26(c)(1)(i)(B)), Structural and Nonstructural Controls to Reduce Pollutants in Stormwater Runoff and Description of Stormwater Treatment

This section describes the structural and non-structural controls used to reduce/eliminate pollutants in stormwater runoff. Stormwater treatment for all outfalls is described in detail in the information provided above for Form 2C, Part II.B.

Structural Controls

Structural controls at Outfall 002 consist of a weir equipped with an oil containment baffle or a configuration that provides oil containment. The outfall/weir is shown on Figure I-2.

The weir on the former Big Run Surge Basin, which now serves only as a supply of fire suppression water to the Shell Pipeline facility, is equipped with an oil containment baffle to prevent the migration of oil to the I&M Canal in the unlikely event of a spill. The former Surge Basin is no longer hydraulically connected to Big Run Creek. The banks of Big Run Creek prevent stormwater and/or other runoff associated with the Facility from entering Big Run Creek. In addition, oil containment booms may be deployed and maintained on the portions of the I&M Canal and Deep Run Creek within the Facility to prevent the migration of oil in the event of a spill.

Erosion control measures are implemented where disturbance occurs in areas which do not drain to the stormwater ponds. Erosion control measures are specified in the Facility SWPPP.

Non-Structural Controls

The Facility has coverage under Construction Stormwater General Permit No. ILR105401 (issued 5/14/00). In accordance with that permit, the Facility maintains and follows a SWPPP for areas of the Facility currently undergoing remediation that do not drain into either of the stormwater ponds.

The SWPPP is augmented by a Spill Prevention, Control and Countermeasures (SPCC) Plan. Standard operating procedures such as good housekeeping, equipment maintenance, proper operation procedures, scheduled inspections, and surveillance are implemented to prevent the occurrence of spills.

ATTACHMENT F

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Application for Permit Renewal
NPDES Permit No. IL0002305
ILD041518861

February 5th, 2021 Letter to IEPA Division of Water Pollution Control Submitted

with

Delegations of Signatory Authority

Chevron

Valerie Matherne
Site Manager

Chevron Environmental Management Company
301 West 2nd Street
Lockport, IL 60441
Tel (815) 838-0770
Fax (815) 838-9197
valerie.matherne@chevron.com

February 5, 2021

Mr. Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control, Bureau of Water
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62794-9276

RE: ENV – 1970500012 – ILD041518861
Chevron Environmental Management Company Former Texaco Lockport Refinery
NPDES Permit No. IL0002305
Updated Delegation of Signatory Authority

Dear Mr. Keller:

This letter transmits an updated Delegation of Signatory Authority for applications, reports, and associated certification statements that are prepared under the National Pollutant Discharge Elimination System (NPDES) Program for the Chevron Environmental Management Company (Chevron) Former Texaco Refinery Site in Lockport, Illinois, for which Chevron holds NPDES Permit No. IL0002305. The enclosed Power of Attorney statement has been prepared to satisfy the requirements of 40 CFR 122.22 and 35 Ill. Adm. Code 702.126.

The following individuals from the list attached to the enclosed Power of Attorney statement are the most likely Company representatives to submit a document for the ongoing work at the Former Texaco Refinery Site in Lockport pursuant to Section 122.22(b). These individuals include Valerie Matherne, James Saynay, Eric Hetrick, and Owen Ranta. Note also that James Saynay, Eric Hetrick, and Owen Ranta are corporate officers and as such, have the authority to sign permit applications pursuant to Section 122.22(a).

Chevron appreciates your continued assistance with this project. If you have any questions or need additional information concerning this submittal, please feel free to contact me at (815) 838-0770.

Sincerely,

Valerie Matherne

Valerie Matherne – Site Manager
Chevron Environmental Management Company

019-L00-001

Enclosures

cc:
Takako Halteman, IEPA (Electronic Only)
Bruce White, Barnes & Thornburg (Electronic Only)
Site File, Former Texaco Lockport Refinery

SPECIAL POWER OF ATTORNEY

KNOW ALL PERSONS that CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY, a corporation duly organized and existing under the laws of California, United States of America (the "Company"), APPOINTS certain employees of the Company as listed in Exhibit A, as its true and lawful general agents, legal representatives, and Attorneys-in-Fact of the Company with special power and authority in its name and on its behalf to execute and perform the following:

1. To sign and execute, upon terms and conditions as each Attorney-in-Fact deems appropriate, all documents related to environmental remediation sites for which he/she has oversight responsibility at the time of execution with the exception of the following categories of documents:

    a. Documents settling a lawsuit, claim, demand, administrative proceeding, or other matter where Chevron Corporation or one of its subsidiaries or affiliates is a party;

    b. Documents involving property rights including, but not limited to, access agreements, easements, leases, and deeds;

    c. Documents that take a legal position but do not explicitly involve the commitment or expenditure of funds including, but not limited to, tolling agreements and joint defense agreements.

2. To perform every act and thing that may be necessary to carry out the granted powers as fully as the Company might itself do; however, no delegation or substitution of the powers granted herein by the Attorney-in-Fact is permitted.

Exhibit A may also be found on the Company's website at: EMC Employee POAs. This document may be amended from time to time. No less than quarterly, each General Manager of the Company will approve the list of employees within his/her business unit to be granted this Power of Attorney. This Power of Attorney will so incorporate the latest amended consolidated version of those lists.

Unless sooner revoked or terminated, this Power of Attorney shall remain in full force and effect for a period of one year beginning on April 1, 2019. This Power of Attorney will automatically be revoked, without notice, with respect to any employee who is removed from Exhibit A or is no longer an employee of Chevron Corporation or any of its affiliates, whichever happens first.

IN WITNESS WHEREOF, the Company has caused this instrument to be executed this 1 of April 2020.

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

By: _____

Printed Name: Mary L. Boroughs

Title: President

EXHIBIT A

EMC Officers and Attorneys-in-Fact

Last updated 7/9/2020

Status	Business Unit	Location	Name	Business Role	Entity	Title	Type of Authority
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Carter, Kaylene T	Program Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Dalton, Sarah K	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Gifford, Adriane H	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Grose, Nicole C	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Hudson, Matthew	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Covington, LA	Matherne, Valerie B	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Houston, TX	Michelson, Jason C	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	ENVIRONMENTAL REMEDIATION	Breckenridge, MI	Thornhill, Kristi	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Beckmann, Gerhard	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Kern, Jeremiah	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Lenoir, Jeremy S	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Patin, Vincent G	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Preskitt, Katherine S	Technical Assistant permitting	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	OFFSHORE	Covington, LA	Shaw, Jared L	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS CENTRAL	Covington, LA	Davis, Kevin	Team Lead - Platform Removal	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS CENTRAL	Covington, LA	Massmann, Steven M	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS CENTRAL	Mckittrick, CA	Self, Toby E	Well P&A Superintendent	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS WEST	Bakersfield, CA	Blalock, Bob B	Area Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS WEST	Houston, TX	Douglas, Cami S	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, CENTRAL	Houston, TX	Lynch, Robin S	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, CENTRAL	Guadalupe, CA	Wold, Danielle M	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, EAST	Covington, LA	Pita-Nwana, Ikenna	Well Abandonment Engineer	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	San Luis Obispo, CA	Harmon, Marlea L	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	Houston, TX	Lametrie, Christine W	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	San Luis Obispo, CA	Mailloux, Michael P	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	San Ramon, CA	Moise, Theodore	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	Bakersfield, CA	Penza, Christopher J	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	Bakersfield, CA	Rude, Esther L	Business Analyst	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	Bakersfield, CA	Soyring, William S	Decommissioning/Remediation Sup	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, INTERNATIONAL	Bakersfield, CA	Thibodeaux, Austin J	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	El Segundo, CA	Amato, John	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	Pascagoula, MS	Barrow, Shaun	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	Perth Amboy, NJ	Mancini, Robert E	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	Richmond, CA	Rogers, Bradley W	Team Lead - Richmond	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	Houston, TX	Stremlau, Henry T	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	PORTFOLIO OPERATIONS, WEST	San Ramon, CA	Wong, Jean	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Midland, TX	Humphries, Sharon	Well Abandonment Coordinator	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Midland, TX	Lucas, Jeffrey H	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Houston, TX	Papageorge, Katherine P	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Houston, TX	Paz, Humberto	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	San Luis Obispo, CA	Ranta, Owen	Area Manager - Central Coast	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Midland, TX	Russell, Marc R	Decommissioning/Remediation Supervisor	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Houston, TX	Saynay, James D	Team Lead - Facilities Decommissioning	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Houston, TX	Thibodeaux, Hayes	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Covington, LA	Thibodeaux, Jean M	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Midland, TX	Villanueva, Ricky R	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)
Active	President's Staff	Midland, TX	Wallace, Robert W	Project Manager	Chevron Environmental Management Company	Attorney-in-Fact	CEMC POA (Exhibit A)

Current Appointments

Job Title	Position	Appointed	Name	Appt.Grp.	Status	Reminder
Director	Director	2017-01-02	Boroughs, Mary L.		Last Elected	2020-03-20
Director	Director	2020-12-11	Guo, Baomin		First Elected	2020-12-11
Director	Director	2020-12-11	Long, Michelle Y.		First Elected	2020-12-11
Director	Director	2020-12-11	Perry, Jonathan K.		First Elected	2020-12-11
Assistant Secretary	Officer	2020-01-08	Banks, Scott M.		First Elected	2020-01-08
Environmental Compliance Officer	Officer	2020-11-20	Behrens, Kevin W.		First Elected	2020-11-20
Assistant Treasurer	Officer	2016-01-08	Benson, Eric A.		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2017-02-01	Blalock, Robert B.		Last Elected	2020-03-20
President	Officer	2017-01-02	Boroughs, Mary L.		Last Elected	2020-03-20
Procurement Officer	Officer	2018-04-12	Bradeson, Rick		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2012-06-12	Chao, Miguel A.		Last Elected	2020-03-20
Assistant Treasurer	Officer	2016-01-02	Clutter, William T.		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2020-02-11	Coulter, Alexis N.		First Elected	2020-02-11
Environmental Compliance Officer	Officer	2020-02-11	Davis, Kevin		First Elected	2020-02-11
Vice President and Secretary	Officer	2005-08-17	Endries, Kari H.		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2020-12-18	Gaule, Christopher		First Elected	2020-12-18
Vice President	Officer	2017-01-04	Ghisletta, Stephanie		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2020-12-18	Gulde, Cynthia		First Elected	2020-12-18
Vice President	Officer	2020-11-20	Guo, Baomin		First Elected	2020-11-20
Environmental Compliance Officer	Officer	2020-12-18	Hetrick, Eric G.		First Elected	2020-12-18
Assistant Secretary	Officer	2019-11-19	Lee, Gina K.		Last Elected	2020-03-20
Tax Officer	Officer	2016-01-02	Lee, Troy S.		Last Elected	2020-03-20
Vice President	Officer	2018-09-04	Long, Michelle Y.		Last Elected	2020-03-20
Vice President	Officer	2020-02-11	Perry, Jonathan K.		First Elected	2020-02-11

Current Appointments

Job Title	Position	Appointed	Name	Appt.Grp.	Status	Reminder
Environmental Compliance Officer	Officer	2018-01-09	Ranta, Owen		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2020-11-20	Rinehart, Thomas W.		First Elected	2020-11-20
Environmental Compliance Officer	Officer	2020-11-20	Saynay, James David		First Elected	2020-11-20
Environmental Compliance Officer	Officer	2020-02-11	Stremlau, Henry Thomas		First Elected	2020-02-11
Assistant Secretary	Officer	2019-11-19	Tiwana, Harpreet K.		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2019-01-02	Vasquez, Sharon		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2019-04-18	Wallace, Jonathan P.		Last Elected	2020-03-20
Environmental Compliance Officer	Officer	2020-11-20	Wilkins, Jaclyn		First Elected	2020-11-20

EXHIBIT C

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR
JOHN J. KIM, DIRECTOR

217/782-0610

SEP 2 2 2023

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Re: Chevron Environmental Management Company
NPDES Permit No. IL0002305
Bureau ID# W1970500007
Draft Permit

Gentlemen:

Attached to this letter is a copy of the draft Permit, Public Notice/Fact Sheet for your discharge. The Agency proposes to issue the NPDES Permit for your discharge as shown in the draft Permit.

Fifteen days from the date of this letter, the Agency proposes to distribute the attached Public Notice/Fact Sheet statewide. If you have objections to the content of the Public Notice/Fact Sheet, a written statement must be received by the Agency at the indicated address, attention: NPDES PN Clerk within 10 days.

The Agency will receive comments regarding the Permit for a period of 30 days after the Public Notice is issued. If you wish to comment or object to any of the terms and conditions of the Permit, you must state the objections in writing prior to the end of the public notice. The Agency may or may not change the Permit based on comments received from you or the public.

If you should have questions or comments regarding the above, please contact Shu-Mei Tsai at 217/782-0610.

Sincerely,

Darin LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit
Compliance Assurance Section

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

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NPDES Permit No. IL0002305
Notice No. SMT:22102001.smt

Public Notice Beginning Date:

Public Notice Ending Date:

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Name and Address of Facility:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the demolition, cleanup, and redevelopment of a former petroleum refinery (SIC 9999). Plant operation results in an average discharge of 0.245 MGD of north stormwater pond water from outfall 002, and 0.021 MGD of wastewater treatment wastewater unit from outfall 003.

The following modifications are proposed:

The effluent limits and monitoring requirement of ammonia have been added in the permit.

Application is made for existing discharges which are located in Will County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Integrity Rating
002	Illinois and Michigan Canal	41° 37' 04"	North	88° 03' 40"	West	General Use	Not Rated
003	Chicago Sanitary and Ship Canal	41° 35' 50"	North	88° 03' 58"	West	Chicago Area Waterway System and Brandon Pool Aquatic Life Use B Waters	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The subject facility discharges to the Illinois and Michigan Canal (IL_GH) via Outfall 002 at a point where 0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Illinois and Michigan Canal is not listed as biologically significant in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. This segment of Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards. Illinois and Michigan Canal, Waterbody Segment, IL_GH, is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List as it has not been assessed. Not subject to enhanced DO standards. This facility does not have a WLA as part of any completed or ongoing TMDL.

The subject facility discharges to the Chicago Sanitary and Ship Canal (IL_ GI-02) via Outfall 003 at a pint where 1315 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Chicago Sanitary and Ship Canal is not listed as biologically significant in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. This segment of Chicago Sanitary and Ship Canal is not subject to enhanced dissolved oxygen standards. Chicago Sanitary and Ship Canal, Waterbody Segment, IL_ GI-02, is listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List as it has been assessed. Not subject to enhanced DO standards. This facility does not have a WLA as part of any completed or ongoing TMDL

The following parameters have been identified as the pollutants causing impairment:

Designated Use	Potential Cause
Fish Consumption	Mercury and Polychlorinated Biphenyls (PCBs)
Indigenous Aquatic Life	Dissolved Oxygen, pH, and Total Phosphorus

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (DAF = 0.245 MGD)

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE		DAILY MAXIMUM	REGULATION
Flow (MGD)							35 IAC 309.146
pH				6.5 – 9 s.u.			35 IAC 304.125
Oil and Grease				15		30	35 IAC 304.124
Ammonia				30-Day Average	Weekly Average	Daily Maximum	35 IAC 302.212(b)(3)
Spring (March-May)				1.2		2.7	
Summer (June – August)				0.9	2.3	3.0	

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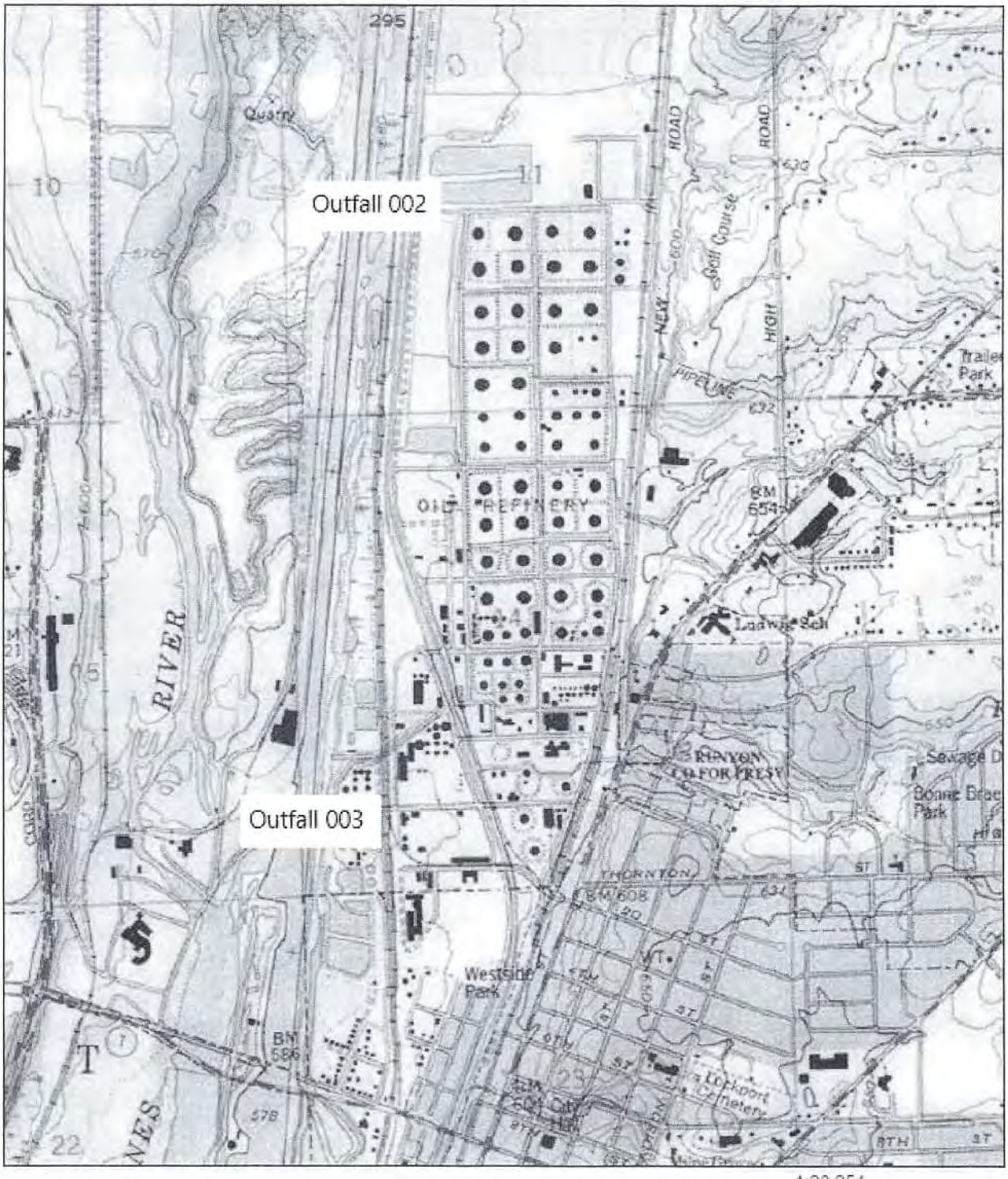
PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE		DAILY MAXIMUM	REGULATION
Outfall 002 Continued							
Fall (September - October)				1.2		2.7	
Winter (November-February)				2.8		4.0	
Iron (Total)					Monitor Only		35 IAC 309.146
Mercury					Monitor Only		35 IAC 309.146
Stormwater							40 CFR 122.26(b)(14)(iv)
Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)							
Flow (MGD)							35 IAC 309.146
pH					6 – 9 s.u.		35 IAC 304.125
Total Suspended Solids				25		50	35 IAC 304.120
$CBOD_5$				20		40	35 IAC 304.120
Oil and Grease				15.0		30.0	35 IAC 304.124
Ammonia				30-Day Average	Weekly Average	Daily Maximum	35 IAC 302.212(b)(3)
Spring (March-May)				3.9	9.8	15.0	
Summer (June – August)				2.4	6.1	15.0	
Fall (September - October)				3.9	9.8	15.0	
Winter (November-February)				6.3		15.0	
Mercury					Monitor Only		35 IAC 309.146
PNAs					Monitor Only		35 IAC 309.146
Stormwater							40 CFR 122.26(b)(14)(iv)

The following explain the conditions of the proposed permit:

The special conditions clarify flow measurement and reporting, pH limits, monitoring location, discharge monitoring report submission, PNAs, the requirement of renewal applications, stormwater benchmark monitoring requirement, and storm water pollution prevention plan (SWPPP) requirements.

NPDES IL0002305 Chevron Environmental Management Company



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

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NPDES Permit No. IL0002305

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Facility Name and Address:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

Discharge Number and Name:	Receiving Waters:
002 North Stormwater Pond	Illinois and Michigan Canal
003 Wastewater Treatment Unit	Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (DAF = 0.245 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAIL MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following:						
1. Clean Tank and New Pipeline Hydrotest Water 2. Firewater Blowdown 3. Groundwater 4. Equipment and Vehicle Washwater 5. Stormwater Runoff						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15.0	30.0	1/Month	Composite
Ammonia			30-Day Average / Weekly Average	Daily Maximum	1/Month	Grab
Spring (March-May)			1.2	2.7		
Summer (June – August)			0.9 / 2.3	3.0		
Fall (September - October)			1.2	2.7		
Winter (November-February)			2.8	4.0		
Iron (Total)			Monitor Only		1/Quarter	Grab
Mercury	See Special Condition 9		Monitor Only		1/Month	Grab
Stormwater	See Special Condition 11					

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NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following: 1. Landfill Leachate 2. Corrective Action Management Units (CAMU) Leachate 3. Recovered Groundwater 4. Steam Out/Wash Out Water 5. New and Existing Pipeline Hydrotest Water 6. Service Water 7. Equipment and Vehicle Washwater 8. Stormwater Runoff						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15	30	1/Month	Composite
$CBOD_5$			20	40	1/Month	Composite
Total Suspended Solids			25	50	1/Month	Composite
Ammonia			30-Day Average	Weekly Average / Daily Maximum	1/Month	Grab
Spring (March-May)			3.9	9.8 / 15.0		
Summer (June – August)			2.4	6.1 / 15.0		
Fall (September - October)			3.9	9.8 / 15.0		
Winter (November-February)			6.3	15.0		
Mercury	See Special Condition 9.		Monitor Only		1/Month	Grab
PNAs	See Special Condition 10.		Monitor Only		1/Quarter	Grab
Stormwater	See Special Condition 11.					

NPDES Permit No. IL0002305

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured or estimated in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

SPECIAL CONDITION 2. The pH for the effluent from Outfall 002 shall be in the range 6.5 to 9.0. The pH for the effluent from Outfall 003 shall be in the range 6.0 to 9.0.The minimum and maximum pH values recorded during each outfall's specified monitoring period shall be reported on the DMR.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, https://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 6. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 7. The provisions of 40 CFR 122.41 m and n are applicable to this permit.

SPECIAL CONDITION 8. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 9. Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E. 1.0 ng/L = 1 part per trillion.

SPECIAL CONDITION 10. The permittee shall sample the discharge from outfall 003 on a quarterly basis and analyze said sample for the following list of parameters:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Flouranthene
Benzo (a) anthracene	Flourene
Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (K) fluoranthene	Pyrene

Quarterly sampling shall be performed in the months of March, June, September and December with sample results submitted with the following months DMR submittal.

Special Conditions

All sample collection, preservation and storage times will conform to 40 CFR 136. The analysis for the above parameters shall meet the detection level as established for accepted test procedures listed in Method 625 40 CFR 136.

SPECIAL CONDITION 11. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 12. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, 2C, and 2F for all existing discharge and a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees must submit a renewal application at least 180 days prior to expiration of the current permit.

Attachment H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply**. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply**. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense**. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate**. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance**. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions**. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights**. This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information**. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry**. The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records**.
(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
(c) Records of monitoring information shall include:
(1) The date, exact place, and time of sampling or measurements;
(2) The individual(s) who performed the sampling or measurements;
(3) The date(s) analyses were performed;
(4) The individual(s) who performed the analyses;
(5) The analytical techniques or methods used; and
(6) The results of such analyses.
(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement**. All applications, reports or information submitted to the Agency shall be signed and certified.
(a) **Application**. All permit applications shall be signed as follows:
(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
(b) **Reports**. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
(1) The authorization is made in writing by a person described in paragraph (a); and
(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
(3) The written authorization is submitted to the Agency.
(c) **Changes of Authorization**. If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
(d) **Certification**. Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

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

(12) **Reporting requirements**.
(a) **Planned changes**. The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:
(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
(b) **Anticipated noncompliance**. The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
(c) **Transfers**. This permit is not transferable to any person except after notice to the Agency.
(d) **Compliance schedules**. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
(e) **Monitoring reports**. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the

permit.

(f) **Twenty-four hour reporting**. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(2) Any upset which exceeds any effluent limitation in the permit.

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance**. The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information**. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass**.

(a) Definitions.

(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset**.

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated; and

(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).

(4) The permittee complied with any remedial measures required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits**. Permits may be transferred by modification or automatic transfer as described below:

(a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

(b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:

(1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;

(2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and

liability between the existing and new permittee.

(3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:

(a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

(1) One hundred micrograms per liter (100 ug/l);

(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.

(3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or

(4) The level established by the Agency in this permit.

(b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:

(a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and

(b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.

(c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:

(a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;

(b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and

(c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) In the event that any effluent standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

(Rev. 7-9-2010 bah)

EXHIBIT D

Eric Hetrick
Regulatory Advisor

Chevron Environmental
Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-2418
EHetrick@chevron.com

October 5, 2023

ATTN: NPDES PN Clerk
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62794-9276

RE: 1970500007 - ILD041518861 – NPDES Permit No. IL0002305
Chevron – CEMC/Lockport Facility
RCRA Log No. B-38-R
Objections to Content – Public Notice/Fact Sheet Permit Renewal
Former Texaco Lockport Refinery, Lockport, Illinois

To Whom it May Concern:

Chevron Environmental Management Company (Chevron) respectfully submits this letter to present objections to content in the Public Notice/Fact Sheet for NPDES Permit No. IL0002305. IEPA's letter and draft permit, postmarked September 22nd , was delivered on September 28th and formally received by site personnel on Monday, October 2nd. The allotted 10-day time period requires Chevron to respond with objections to the Public Notice/Fact Sheet by Friday, October 6th.

Chevron objects to the inclusion of mercury, ammonia, and iron monitoring requirements and effluent limits in the Public Notice/Fact Sheet. None of these constituents are currently, or historically, of concern at either of the facility's NPDES outfalls (Outfall 002 & Outfall 003). This has been demonstrated through ongoing sampling and reporting efforts. No changes to either Outfall have occurred since the issuance of the active permit that warrant the inclusion of additional sampling parameters. Specifics for each constituent objection are as follows:

- Mercury – During the most recent NPDES renewal sampling event, detections of mercury were noted at Outfall 002 and Outfall 003 at concentrations of 0.00028 mg/L and 0.00020 mg/L respectively. Prior to these detections, concentrations of mercury has not been seen in either outfall and has not been a constituent of concern at the former refinery site. Given that detections at both outfalls are at or just above the reporting limit (0.00020 mg/L), Chevron does not believe mercury requires routine monitoring. Detections at this level may be from any number of cross contamination sources and does not warrant a regular sampling program at either outfall.
- Ammonia – Detections of ammonia are common at both outfalls. While not sampled on a regular basis, each NPDES renewal sampling event has shown that ammonia is present at consistent levels. This is expected as a product of the nitrogen cycle. Chevron does not operate any facilities or equipment that contribute additional amounts of ammonia to either receiving water body. Discharges consist primarily of stormwater at Outfall 002 and treated landfill leachate and recovered groundwater at Outfall 003. NPDES regulated facilities at the former refinery site have not been designed or

expected to provide treatment for ammonia. Modifications to accomplish such treatment will be costly and time consuming and are not warranted given existing levels of detections at both outfalls.

- Iron – As a provision of the currently active permit Chevron samples for iron quarterly at Outfall 002. Results of these samples were provided in the most recent permit application (October 2022). An average detection value of 0.7 mg/L, and a maximum of 2.8 mg/L were observed after 28 samples over five years. Iron is abundant and naturally occurring throughout the former refinery site in soils and bedrock. Given the consistently low levels of detected iron over the lifetime of the active permit, Chevron believes that regular monitoring is not required going forward and should be removed as a provision of the permit currently in draft. Chevron had provided scientific basis for the removal of iron from the terms of the permit in the most recent permit application mentioned above.

Furthermore, remediation efforts at the former refinery site have been completed and Chevron continues to monitor surface and ground water in accordance with applicable permits. Inclusion of these sampling parameters will create confusion among the public and appear as though Chevron is contributing to increased pollution of both receiving water bodies despite continued compliance with all applicable permit requirments.

To resolve the matters stated above, Chevron is requesting a meeting with regulators to discuss new permit requirements and possible resolutions prior to the issuance of a Public Notice. It is our hope that IEPA is amneable to these discussions.

If you have any questions, please contact me at (815) 838-0770.

Sincerely,

Eric Hetrick – Regulatory Advisor
Former Texaco Lockport Refinery
Chevron Environmental Management Company

00019-NL0-6020

cc: Bruce White, Barnes & Thornburgh
Trihydro Corporation
Site File, Lockport Plant

EXHIBIT E

NPDES Permit No. IL0002305
Notice No. SMT:22102001.smt

Public Notice Beginning Date: April 12, 2024

Public Notice Ending Date: May 14, 2024

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Name and Address of Facility:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the demolition, cleanup, and redevelopment of a former petroleum refinery (SIC 9999). Plant operation results in an average discharge of 0.245 MGD of north stormwater pond water from outfall 002, and 0.021 MGD of wastewater treatment wastewater unit from outfall 003.

The following modifications are proposed:

The effluent limits and monitoring requirement of ammonia have been added in the permit.

Application is made for existing discharges which are located in Will County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Integrity Rating
002	Illinois and Michigan Canal	41° 37' 04"	North	88° 03' 40"	West	General Use	Not Rated
003	Chicago Sanitary and Ship Canal	41° 35' 50"	North	88° 03' 58"	West	Chicago Area Waterway System and Brandon Pool Aquatic Life Use B Waters	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The subject facility discharges to the Illinois and Michigan Canal (IL_GH) via Outfall 002 at a point where 0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Illinois and Michigan Canal is not listed as biologically significant in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. This segment of Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards. Illinois and Michigan Canal, Waterbody Segment, IL_GH, is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List as it has not been assessed. Not subject to enhanced DO standards. This facility does not have a WLA as part of any completed or ongoing TMDL.

The subject facility discharges to the Chicago Sanitary and Ship Canal (IL_ GI-02) via Outfall 003 at a pint where 1315 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Chicago Sanitary and Ship Canal is not listed as biologically significant in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. This segment of Chicago Sanitary and Ship Canal is not subject to enhanced dissolved oxygen standards. Chicago Sanitary and Ship Canal, Waterbody Segment, IL_ GI-02, is listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List as it has been assessed. Not subject to enhanced DO standards. This facility does not have a WLA as part of any completed or ongoing TMDL

The following parameters have been identified as the pollutants causing impairment:

Designated Use	Potential Cause
Fish Consumption	Mercury and Polychlorinated Biphenyls (PCBs)
Indigenous Aquatic Life	Dissolved Oxygen, pH, and Total Phosphorus

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (DAF = 0.245 MGD)

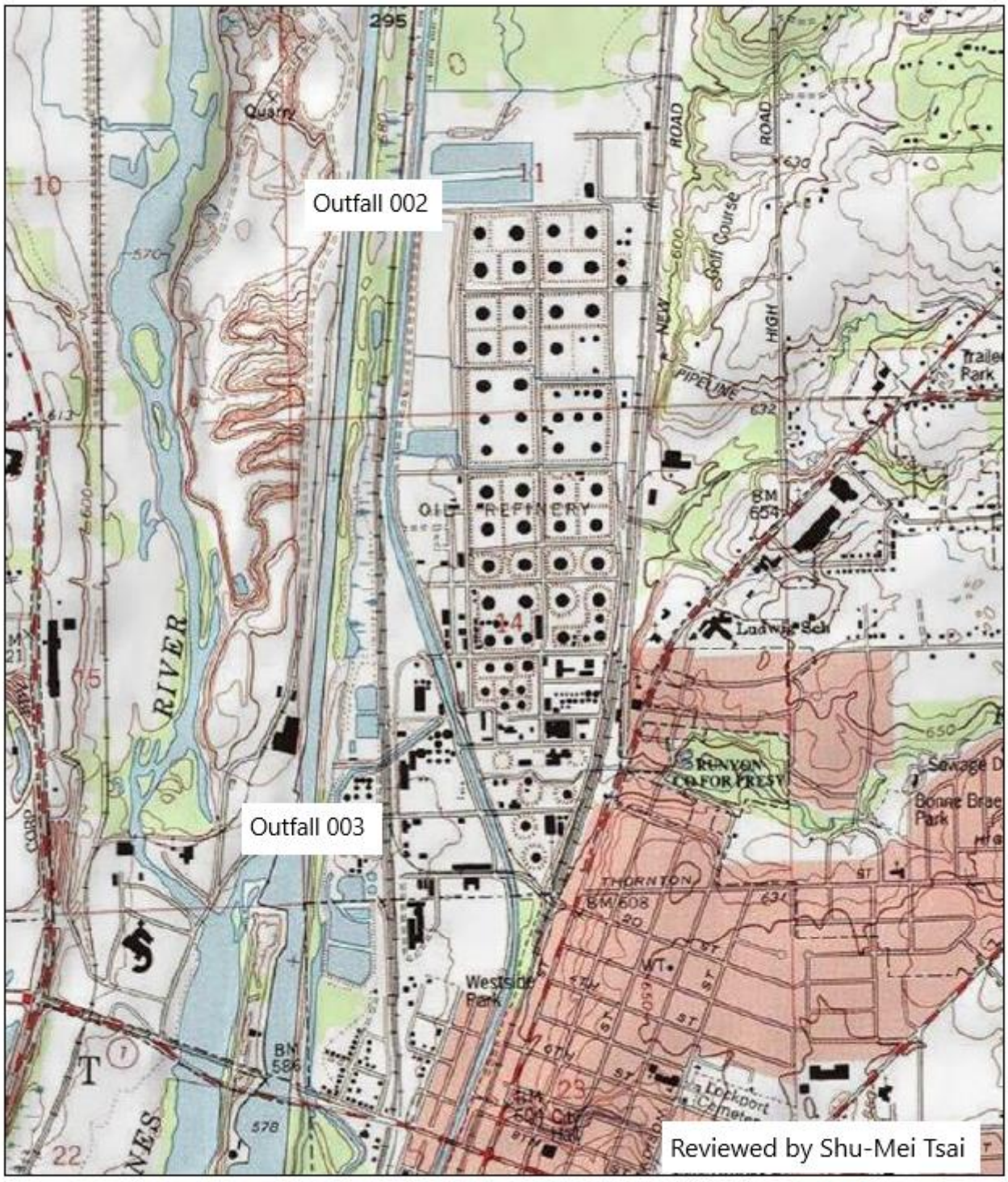
	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE		DAILY MAXIMUM	REGULATION
Flow (MGD)							35 IAC 309.146
pH				6.5 – 9 s.u.			35 IAC 304.125
Oil and Grease				15		30	35 IAC 304.124
Iron (Total)				2.0		4.0	35 IAC 304.124
Ammonia				30-Day Average	Weekly Average	Daily Maximum	35 IAC 302.212(b)(3)
Spring (March-May)				1.2		2.7	
Summer (June – August)				0.9	2.3	3.0	

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	REGULATION	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	REGULATION
Outfall 002 Continued				30-Day Average / Weekly Average	Daily Maximum	
Fall (September - October)				1.2	2.7	
Winter (November-February)				2.8	4.0	
Mercury				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(iv)
Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)						
Flow (MGD)						35 IAC 309.146
pH				6 – 9 s.u.		35 IAC 304.125
Total Suspended Solids				25	50	35 IAC 304.120
$CBOD_5$				20	40	35 IAC 304.120
Oil and Grease				15.0	30.0	35 IAC 304.124
Iron (Total)				2.0	4.0	35 IAC 304.124
Ammonia				30-Day Average / Weekly Average	Daily Maximum	35 IAC 302.212(b)(3)
Spring (March-May)				3.9 / 9.8	15.0	
Summer (June – August)				2.4 / 6.1	15.0	
Fall (September - October)				3.9 / 9.8	15.0	
Winter (November-February)				6.3	15.0	
Mercury				Monitor Only		35 IAC 309.146
PNAs				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(iv)

The following explain the conditions of the proposed permit:

The special conditions clarify flow measurement and reporting, pH limits, monitoring location, discharge monitoring report submission, PNAs, the requirement of renewal applications, stormwater benchmark monitoring requirement, and storm water pollution prevention plan (SWPPP) requirements.

NPDES IL0002305 Chevron Environmental Management Company



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

NPDES Permit No. IL0002305

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Facility Name and Address:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

Discharge Number and Name:	Receiving Waters:
002 North Stormwater Pond	Illinois and Michigan Canal
003 Wastewater Treatment Unit	Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (DAF = 0.245 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAIL MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following: 1. Clean Tank and New Pipeline Hydrotest Water 2. Firewater Blowdown 3. Groundwater 4. Equipment and Vehicle Washwater 5. Stormwater Runoff						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15.0	30.0	1/Month	Composite
Iron (total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average	Weekly Average / Daily Maximum	1/Month	Grab
Spring (March-May)			1.2	2.7		
Summer (June – August)			0.9	2.3 / 3.0		
Fall (September - October)			1.2	2.7		
Winter (November-February)			2.8	4.0		
Mercury	See Special Condition 9		Monitor Only		1/Month	Grab
Stormwater	See Special Condition 11					

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE

The discharge consists of the following:

1. Landfill Leachate
2. Corrective Action Management Units (CAMU) Leachate
3. Recovered Groundwater
4. Steam Out/Wash Out Water
5. New and Existing Pipeline Hydrotest Water
6. Service Water
7. Equipment and Vehicle Washwater
8. Stormwater Runoff

Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease			15	30	1/Month	Composite
$CBOD_5$			20	40	1/Month	Composite
Total Suspended Solids			25	50	1/Month	Composite
Iron (total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average	Weekly Average / Daily Maximum	1/Month	Grab
Spring (March-May)			3.9	15.0		
Summer (June – August)			2.4	15.0		
Fall (September - October)			3.9	15.0		
Winter (November-February)			6.3	15.0		
Mercury	See Special Condition 9.		Monitor Only		1/Month	Grab
PNAs	See Special Condition 10.		Monitor Only		1/Quarter	Grab
Stormwater	See Special Condition 11.					

NPDES Permit No. IL0002305

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured or estimated in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

SPECIAL CONDITION 2. The pH for the effluent from Outfall 002 shall be in the range 6.5 to 9.0. The pH for the effluent from Outfall 003 shall be in the range 6.0 to 9.0. The minimum and maximum pH values recorded during each outfall's specified monitoring period shall be reported on the DMR.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, https://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 6. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 7. The provisions of 40 CFR 122.41 m and n are applicable to this permit.

SPECIAL CONDITION 8. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 9. Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E. 1.0 ng/L = 1 part per trillion.

SPECIAL CONDITION 10. The permittee shall sample the discharge from outfall 003 on a quarterly basis and analyze said sample for the following list of parameters:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Flouranthene
Benzo (a) anthracene	Flourene
Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (K) fluoranthene	Pyrene

Quarterly sampling shall be performed in the months of March, June, September and December with sample results submitted with the following months DMR submittal.

Special Conditions

All sample collection, preservation and storage times will conform to 40 CFR 136. The analysis for the above parameters shall meet the detection level as established for accepted test procedures listed in Method 625 40 CFR 136.

SPECIAL CONDITION 11. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 12. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, 2C, and 2F for all existing discharge and a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees must submit a renewal application at least 180 days prior to expiration of the current permit.

EXHIBIT F

Eric Hetrick
Regulatory Advisor

Chevron Environmental
Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-2418
EHetrick@chevron.com

May 13, 2024

Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

RE: Notice No. SMT:22102001.smt – NPDES Permit No. IL0002305
Chevron – CEMC/Lockport Facility
RCRA Log No. B-38-R
Public Comments – Public Notice/Fact Sheet Permit Renewal
Former Texaco Lockport Refinery, Lockport, Illinois

To Whom it May Concern:

Chevron Environmental Management Company (Chevron) respectfully submits this letter to present public comments to content in the Public Notice/Fact Sheet and draft permit for NPDES Permit No. IL0002305 regarding discharges at the Former Texaco Lockport Refinery (Facility). Specifically, comments made here address the April 12th, 2024 draft permit which prescribes new constituent sampling and discharge limitation requirements.

As articulated in Chevron's correspondence to the Illinois Environmental Protection Agency (IEPA) dated October 5, 2023 and as further described herein, Chevron objects to the inclusion of mercury, ammonia, and iron monitoring requirements and effluent limits in the Public Notice/Fact Sheet and draft permit.

- None of these constituents are currently, or historically, of concern at either of the facility's NPDES outfalls (Outfall 002 & Outfall 003). This has been demonstrated through historic and ongoing sampling and reporting efforts spanning over two decades.
- No changes to either outfall have occurred since the issuance of the active permit that warrant the inclusion of additional sampling parameters.
- Daily operations at the Facility do not contribute additional flow or constiuents to either outfall. Although the former refinery site is the subject of remediation efforts under a Resource Conservation and Recovery Act (RCRA) post-closure care permit, active remediation efforts are considered complete, and ongoing operations at the Facility consist solely of daily operation of water collection and treatment systems, sampling, and general maintenance.
- Inclusion of new sampling parameters when active remediation efforts have concluded creates the appearance that Chevron is contributing to increased pollution of both receiving water bodies despite continued compliance with all applicable permit requirments and completion of remediation efforts.

GENERAL COMMENTS - OUTFALL 002 – NORTH STORMWATER POND

The North Stormwater Pond (NSP) is functionally a detention basin for a drainage of approximately 63-acres. This entire acerage consists of the onsite Corrective Action Manage Unit (CAMU), which has been fully capped and closed since 2015, Landfarm #2 (LF-2), which has been fully capped and closed since the late 1980s, and the area immediately surrounding the NSP. Both the CAMU and LF-2 are fully vegetated and regulary inspected for erosion issues. No fertilizers are used on either unit and both are mowed through the growing season. The base of the NSP is bare bedrock which underlies the entire facility and surronding area.

The physical pond outfall consists of a modified baffle/weir which maintains the pond elevation at approximately 6-inches except during storm events, at which point water accumulates prior to discharge. This outfall structure is a vestige of refinery infrastruture designed to prevent any potential oil from discharging from the NSP. The current configuration of the pond and drainage system is a requirement of the former refinery site's RCRA permit, which specifies that stormwater drainage from the CAMU and LF-2 must be discharged through a permitted NPDES outfall. No active treatment is warranted for this drainage. Typical treatments for iron and ammonia such as setllement, flocculation, or aeration are not feasible given the current RCRA-required configuration and fucntion of the NSP.

GENERAL COMMENTS - OUTFALL 003 – WASTEWATER TREATMENT UNIT

The onsite wastewater treatment unit (WTU) does not treat water from any active processes. LF-2 leachate, CAMU leachate, and recovered groundwater from a groundwater interceptor trench (IT) are treated within the WTU prior to discharge through Outfall 003 in the Chicago Sanitary and Ship Canal. LF-2 and the CAMU are fully capped and closed and subject only to regular inspections and mowing. The IT is located near the southwest boundary of the historic refinery border and functions as a barrier for site groundwater. It is anticiapted that the IT will be decommissioned as the facility's groundwater remedies are approved by IEPA.

The composition of flows entering the WTU have not changed since 2015 when the CAMU was fully capped and closed. Iron and ammonia have been detected regulary as part of NPDES permit renewal sampling events. Both of these constituents are expected to be present in site soils which comprise the majority of materials placed in the CAMU and LF2 as well as soils that serve as the meduim for groundwater entering the IT. The WTU system was designed to support remediation efforts and leachate treatment. Modifications to the WTU would be costly and unecessary given iron and ammonia are both naturally occuring and abundant at the facility.

SPECIFIC BASES FOR OBJECTIONS

Mercury

During the most recent NPDES renewal sampling event a detection of mercury was noted at Outfall 002 at a concentration of 0.00028 mg/L and at Outfall 003 at a concentration of 0.00020 mg/L. Prior to these detections, mercury has never been detected during any sampling event at either outfall and mercury has never been a constituent of concern at the former refinery site. Given the detection is at or merely one

percent above the reporting limit (0.00020 mg/L), Chevron's position is that this single marginal detection of mercury in over 20 years of sampling does not rise to the level of warranting a regular sampling program for mercury at Outfall 002 or at Outfall 003, as detections at this level may be from any number of cross contamination sources. These sources include but are not limited to, metallic or metal-containing sampling equipment, containers, labware, reagents, and deionized water; atmospheric factors such as dirt and dust from automobile exhaust, cigarette smoke, nearby roads, bridges, wire, and poles. Other sources include human contact which may be a source of metals contamination including dental work such as mercury amalgam fillings. All of these potential cross contamination sources are named in EPA sampling Method 1669 – Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels, Sections 4.1.2 and 4.2.2.3.2 and Method 1631 – Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry, Section 4.2.

Furthermore, the samples taken at Outfall 002 and Outfall 003 from the most recent NPDES sampling event were both collected on the same day, June 7th, 2022. There is no direct interaction between stormwater sampled at Outfall 002 and effluent flow sampled at Outfall 003. Given that no previous detections have been noted at either outfall, simulatneous detections of comparable magnitude at both outfalls are most likely to be the result of any one or mulitple of these cross contamination sources as opposed to the sudden presence of mercury in both outfalls.

Ammonia

While not sampled on a regular basis, each NPDES renewal sampling event has shown that ammonia is present at Outfall 002 and Outfall 003 at consistent levels. This is expected as a natutrally occuring product of the nitrogen cycle. Chevron does not operate any facilities or equipment that contribute additional amounts of ammonia to the NSP (Outfall 002) or to the WTU waste streams (Outfall 003). Discharges at Outfall 002 consist almost exclusively of stormwater. Discharges at Outfall 003 consist primarily of treated landfill leachate and recovered groundwater. During their decades long history, NPDES regulated facilities at the former refinery site have never been expected to provide treatment for ammonia and are not designed for such purpose. Modifications to accomplish such treatment will be costly and time consuming and are not warranted given existing levels of detections, which have existed historically at similar levels as those found in the most recent routine sampling event.

Iron

As a provision of the currently active NPDES permit Chevron samples for iron quarterly at Outfall 002. Results of these samples were provided in the most recent permit application (October 2022). An average detection value of 0.7 mg/L and a maximum of 2.8 mg/L were observed after 28 samples over five years.

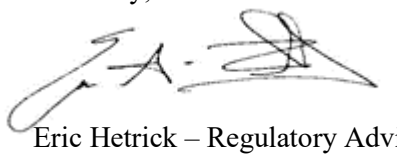
At Outfall 003, iron has not been sampled on a routine basis. The three most recent NPDES permit renewal sampling events included iron detections of 0.8 mg/L in 2010 and 1.0 mg/L in 2022 while iron was listed as non-detect (ND) for the 2017 sampling event.

Iron is abundant and naturally occurring throughout the former refinery site in soils and bedrock. Given the consistently low levels of detected iron over the lifetime of the active permit, Chevron's position is

that regular monitoring with stated limits is not warranted going forward and should be removed as a provision of the draft permit. Chevron had provided technical basis for the removal of iron from the terms of the permit in the most recent permit application mentioned above. To reiterate that submittal, extensive changes to site drainage flowing to Outfall 002 were completed between 2010 and 2018 with the final cover and drainage system of an onsite CAMU permitted through the facility's RCRA permit and separation of stormwater drainage of Chevron and Shell properties. Drainage to Outfall 002 has been largely unchanged since 2018. Before and after these changes to stormwater drainage paths, iron has been continuously detected at low levels, as demonstrated. Chevron believes no further monitoring efforts for iron are necessary at Outfall 002 and requests that it be removed from the renewed NPDES permit once issued.

Based on the matters raised and evidence presented herein, Chevron respectfully requests that IEPA remove the additional sampling requirements and limitations of the constintuents discussed in these comments from the final permit.

Sincerely,



Eric Hetrick – Regulatory Advisor
Former Texaco Lockport Refinery
Chevron Environmental Management Company

CHEVR-024-0015

cc: Bruce White, Barnes & Thornburgh
Shu-Mei Tsai, IEPA
Darin LeCrone, IEPA
Trihydro Corporation
Site File, Lockport Plant

EXHIBIT G

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JAMES JENNINGS, INTERIM DIRECTOR

217/782-0610

September 24, 2024

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Re: Chevron Environmental Management Company
NPDES Permit No. IL0002305
Bureau ID# W1970500007
Final Permit

Permittee:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. Failure to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

We have reviewed your comment letter dated May 13, 2024 to the public noticed permit and the monitoring requirements are being included based on an evaluation of existing data by the Permit Section and Standards Unit staff. We offer the following responses:

1. Mercury sampling is being included in the permit as it was not sampled previously using the appropriate test method. The test method to be used is identified in Special Condition 10 of the permit.
2. Ammonia limits are being included for each outfall because both outfalls have detectable levels. Limits and monitoring requirements are being required to verify compliance with state water quality limits.
3. Iron limits and monitoring requirements are being retained in the permit because discharges contain detectible levels.

Pursuant to the Final NPDES Electronic Reporting Rule, all permittees must report DMRs electronically unless a waiver has been granted by the Agency. The Agency utilizes NetDMR, a web based application, which allows the submittal of electronic Discharge Monitoring Reports instead of paper Discharge Monitoring Reports (DMRs). More information regarding NetDMR can be found on the Agency website, https://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html. If your facility has received a waiver from the NetDMR program, a supply of preprinted paper DMR Forms will be sent to your facility. Additional information and instructions will accompany the preprinted DMRs. Please see the attachment regarding the electronic reporting rule.

The attached Permit is effective as of the date indicated on the first page of the Permit. Until the effective date of any re-issued Permit, the limitations and conditions of the previously-issued Permit remain in full effect. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date. Should you have questions concerning the Permit, please contact Shu-Mei Tsai at 217/782-0610.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

Attachment: Final Permit
cc: Records Unit
Compliance Assurance Section
Des Plaines Region
Fiscal Services
CMAP
DRSCW

NPDES Permit No. IL0002305

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: September 30, 2029

Issue Date: September 24, 2024
Effective Date: October 01, 2024

Name and Address of Permittee:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Facility Name and Address:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

Discharge Number and Name:	Receiving Waters:
002 North Stormwater Pond	Illinois and Michigan Canal
003 Wastewater Treatment Unit	Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (Average Flow = 0.245 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following:						
1. Clean Tank and New Pipeline Hydrotest Water						
2. Firewater Blowdown						
3. Groundwater						
4. Equipment and Vehicle Washwater						
5. Stormwater Runoff						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease	See Special Condition 3.		15.0	30.0	1/Month	Composite
Iron (Total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average	Weekly Average / Daily Maximum	1/Month	Grab
Spring (March – May)			1.2	2.7		
Summer (June – August)			0.9	2.3 / 3.0		
Fall (September – October)			1.2	2.7		
Winter (November – February)			2.8	4.0		
Mercury	See Special Condition 10.				1/Month	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following:						
1. Landfill Leachate 2. CAMU Leachate 3. Recovered Groundwater 4. Steam Out/Wash Out Water 5. New and Existing Pipeline Hydrotest Water 6. Service Water 7. Equipment and Vehicle Washwater 8. Stormwater Runoff**						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease	See Special Condition 3.		15	30	1/Month	Composite*
$CBOD_5$			20	40	1/Month	Composite
Total Suspended Solids			25	50	1/Month	Composite
Iron (total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average / Weekly Average	Daily Maximum	1/Month	Grab
Spring (March – May)			3.9 / 9.8	15.0		
Summer (June – August)			2.4 / 6.1	15.0		
Fall (September – October)			3.9 / 9.8	15.0		
Winter (November – February)			6.3	15.0		
Mercury	See Special Condition 10.		Monitor Only		1/Month	Grab
PNAs	See Special Condition 11.		Monitor Only		1/Quarter	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0002305

Special Conditions

SPECIAL CONDITION 1. Flow shall be estimated or measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

SPECIAL CONDITION 2. The pH for the effluent from Outfall 002 shall be in the range 6.5 to 9.0. The pH for the effluent from Outfall 003 shall be in the range 6.0 to 9.0. The minimum and maximum pH values recorded during each outfall's specified monitoring period shall be reported on the DMR form.

SPECIAL CONDITION 3. The composites for oil, fats, and greases shall consist of sample aliquots of approximately equal volume, a minimum of 100 milliliters, be collected at regular time intervals over a eight-hour period (three aliquots total). A single sample formed by combining all the aliquots, and the solvent rinse of the container, would then be analyzed. The results of the single analysis is then reported for oil, fats, and grease.

SPECIAL CONDITION 4. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/net-dmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 6. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 7. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 8. The provisions of 40 CFR 122.41 m and n are applicable to this permit.

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E. 1.0 ng/L = 1 part per trillion.

SPECIAL CONDITION 11. The permittee shall sample the discharge from outfall 003 on a quarterly basis and analyze said sample for the following list of parameters:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Flouranthene
Benzo (a) anthracene	Flourene

NPDES Permit No. IL0002305

Special Conditions

Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (K) fluoranthene	Pyrene

Quarterly sampling shall be performed in the months of March, June, September and December with sample results submitted with the following months DMR submittal.

All sample collection, preservation and storage times will conform to 40 CFR 136. The analysis for the above parameters shall meet the detection level as established for accepted test procedures listed in Method 625 40 CFR 136.

SPECIAL CONDITION 12. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 13. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, and 2F for stormwater discharge, and a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees must submit a renewal application at least 180 days prior to expiration of the current permit.

Attachment

Standard Conditio

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply**. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply**. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense**. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate**. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance**. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions**. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights**. This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information**. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry**. The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records**.

(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.

(c) Records of monitoring information shall include:

(1) The date, exact place, and time of sampling or measurements;

(2) The individual(s) who performed the sampling or measurements;

(3) The date(s) analyses were performed;

(4) The individual(s) who performed the analyses;

(5) The analytical techniques or methods used; and

(6) The results of such analyses.

(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement**. All applications, reports or information submitted to the Agency shall be signed and certified.

(a) **Application**. All permit applications shall be signed as follows:

(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.

(b) **Reports**. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described in paragraph (a); and

(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and

(3) The written authorization is submitted to the Agency.

(c) **Changes of Authorization**. If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.

(d) **Certification**. Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

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

(12) **Reporting requirements**.

(a) **Planned changes**. The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:

(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or

(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).

(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

(b) **Anticipated noncompliance**. The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) **Transfers**. This permit is not transferable to any person except after notice to the Agency.

(d) **Compliance schedules**. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(e) **Monitoring reports**. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting**. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:
(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.
(2) Any upset which exceeds any effluent limitation in the permit.
(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.
The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance**. The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information**. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass**.
(a) Definitions.
(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).
(c) Notice.
(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).
(d) Prohibition of bypass.
(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:
(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
(iii) The permittee submitted notices as required under paragraph (13)(c).
(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset**.
(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
(1) An upset occurred and that the permittee can identify the cause(s) of the upset;
(2) The permitted facility was at the time being properly operated; and
(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).
(4) The permittee complied with any remedial measures required under paragraph (4).
(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:
   (a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.
   (b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:
      (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
      (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
      (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
   (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
      (1) One hundred micrograms per liter (100 ug/l);
      (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
      (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
      (4) The level established by the Agency in this permit.
   (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
   (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
   (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
   (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
   (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
   (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
   (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

United States Environmental Protection Agency | Office of Enforcement and Compliance Assurance | September 2015

Final NPDES Electronic Reporting Rule

On 24 September 2015, Administrator Gina McCarthy signed the final National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule for publication in the Federal Register. The publication of this rule is the latest step in an extensive multi-year outreach effort with EPA's state, tribal and territorial partners. This rule will replace most paper-based Clean Water Act (CWA) NPDES permitting and compliance monitoring reporting requirements with electronic reporting.

Purpose of the Final Rule

This final rule is designed to save authorized state, tribe, or territorial NPDES programs considerable resources, make reporting easier for NPDES-regulated entities, streamline permit renewals, ensure full exchange of basic NPDES permit data between states and EPA, improve environmental decision-making, and better protect human health and the environment.

This final rule requires that NPDES regulated entities electronically submit the following permit and compliance monitoring information instead of using paper reports:

- Discharge Monitoring Reports (DMRs);
- Notices of Intent to discharge in compliance with a general permit; and
- Program reports.

Authorized NPDES programs will also electronically submit NPDES program data to EPA to ensure that there is consistent and complete reporting nationwide, and to expedite the collection and processing of the data, thereby making it more accurate and timely. Importantly, while the rule changes the method by which information is provided (i.e., electronic rather than paper-based), it does not increase the amount of information required from NPDES regulated entities facilities under existing regulations.

Overview of Benefits

EPA anticipates that the final rule will save significant resources for states, tribes, and territories as well as EPA and NPDES permittees, while resulting in a more complete, accurate, and nationally-consistent set of data about the NPDES program. With full implementation (5 years after the effective date), the anticipated savings are:

- Authorized State NPDES programs: $22.6 million annually,
- NPDES regulated entities: $0.5 million annually, and
- EPA: $1.2 million annually.

As an example demonstrating the benefits of electronic reporting is the State of Ohio's electronic reporting program for Discharge Monitoring Reports, which has a 99.9 percent adoption rate. This program has increased data quality and improved environmental protection, while also saving significant time and resources (e.g., Ohio was able to shift resources from five full-time staff to less than one to support the DMR program). The benefits of this final rule should allow NPDES-authorized programs in states, tribes, and territories to shift precious resources from data management activities to those more targeted to solving water quality issues.

Separate from this rulemaking, to promote transparency and accountability, EPA intends to make this more complete set of data available to the public, providing communities and citizens with information on facility and government performance. This can serve to elevate the importance of permitting and compliance information and environmental performance within regulated entities, providing opportunities for them to quickly address any potential environmental problems.

The final rule will also lighten the reporting burden currently placed on the states. Upon successful implementation, the final rule would provide states with regulatory relief from reporting associated with the Quarterly Non-Compliance Report, the Annual Non-Compliance Report, the Semi-Annual Statistical Summary Report, and the biosolids information required to be submitted to EPA annually by states.

Implementation

EPA will phase in the requirements of the rule over a five year period following the effective date of the final rule.

Phase 1 – One year after effective date of final rule

In Phase 1, EPA will begin to electronically receive information from authorized states, tribes, and territories regarding inspections, violation determinations, and enforcement actions. EPA, states, tribes, and territories will electronically receive Discharge Monitoring Report (DMR) information from NPDES permittees – the largest volume of data for the NPDES program. Also included in Phase 1 are the Sewage Sludge/Biosolids Annual Program Reports for the 42 states where EPA implements the Federal Biosolids Program.

Additionally, one year after the effective date of the final rule, authorized NPDES programs will submit an implementation plan for meeting the Phase 2 data requirements for EPA to review.

Phase 2—Five years after effective date of final rule

For Phase 2, EPA and authorized state NPDES programs have five years to begin electronically collecting, managing, and sharing the remaining set of NPDES program information. This information includes: general permit reports (e.g. Notice of Intent to be covered (NOI); Notice of Termination (NOT); No Exposure Certification (NOE); Low Erosivity Waiver and Other Waivers from Stormwater Controls (LEW)); Sewage Sludge/Biosolids Annual Program Report (where the state is

the authorized NPDES biosolids program); and all other remaining NPDES program reports. These program reports include:

- Sewage Sludge/Biosolids Annual Program Reports [40 CFR 503] (for the 8 states that implement the Federal Biosolids Program)
- Concentrated Animal Feeding Operation (CAFO) Annual Program Reports [40 CFR 122.42(e)(4)]
- Municipal Separate Storm Sewer System (MS4) Program Reports [40 CFR 122.34(g)(3) and 122.42(c)]
- Pretreatment Program Reports [40 CFR 403.12(i)]
- Significant Industrial User Compliance Reports in Municipalities Without Approved Pretreatment Programs [40 CFR 403.12(e) and (h)]
- Sewer Overflow/Bypass Event Reports [40 CFR 122.41(l)(4), (l)(6) and (7), (m)(3)]
- CWA Section 316(b) Annual Reports [40 CFR 125 Subpart J]

How the final rule addresses comments

In response to concerns about implementation raised during the comment periods, the final rule provides authorized NPDES programs more flexibility to implement the final rule by providing them up to three additional years to electronically collect, manage, and share their data. Authorized NDPES Programs will also have more flexibility in how they can grant electronic reporting waivers.

Further Information

For additional information, please contact Messrs. John Dombrowski, Director, Enforcement Targeting and Data Division (202-566-0742) or Carey A. Johnston (202-566-1014), Office of Compliance (mail code 2222A), Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC, 20460; e-mail addresses: dombrowkski.john@epa.gov or johnston.carey@epa.gov.

Useful Final Rule Link:

Email sign up for outreach events
https://public.govdelivery.com/accounts/USAEPAOECA/subscriber/new?

EXHIBIT H

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JAMES JENNINGS, ACTING DIRECTOR

217/782-0610

October 25, 2024

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Re: Chevron Environmental Management Company
NPDES Permit No. IL0002305
Bureau ID# W1970500007
Modification of NPDES Permit (Without Public Notice)

Dear Permittee:

The Illinois Environmental Protection Agency has corrected the error for modification of the above-referenced NPDES permit. Our final determination is to modify the Permit as follows:

> Added "Monitor Only" under concentration limits of 30 Day Average and Daily Maximum for Mercury of Outfall 002.

Enclosed is a copy of the modified Permit. You have the right to appeal the modification to the Pollution Control Board within the 35-day period following the modification issue date.

Should you have questions concerning the Permit, please contact Shu-Mei Tsai at 217/782-0610.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:23050801.smt

Attachment: Modification Permit

cc: Records Unit
Compliance Assurance Section
Des Plaines Region
Fiscal Services
CMAP
DRSCW
Trihydro Corporation

NPDES Permit No. IL0002305

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Modified (NPDES) Permit

Expiration Date: September 30, 2029

Issue Date: September 24, 2024
Effective Date: October 1, 2024
Modification Date: October 25, 2024

Name and Address of Permittee:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441

Facility Name and Address:

Chevron Environmental Management Company
301 West Second Street
Lockport, Illinois 60441
(Will County)

Discharge Number and Name:	Receiving Waters:
002 North Stormwater Pond	Illinois and Michigan Canal
003 Wastewater Treatment Unit	Chicago Sanitary and Ship Canal

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:SMT:22102001.smt

Modification Date:
October 25, 2024

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the modification date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 002 North Stormwater Pond (Average Flow = 0.245 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following: 1. Clean Tank and New Pipeline Hydrotest Water 2. Firewater Blowdown 3. Groundwater 4. Equipment and Vehicle Washwater 5. Stormwater Runoff						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease	See Special Condition 3.		15.0	30.0	1/Month	Composite
Iron (Total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average	Daily Maximum	1/Month	Grab
Spring (March – May)			1.2	2.7		
Summer (June – August)			0.9	2.3 / 3.0		
Fall (September – October)			1.2	2.7		
Winter (November – February)			2.8	4.0		
Mercury	See Special Condition 10.		Monitor Only		1/Month	Grab
Stormwater	See Special Condition 12.					

Modification Date:
October 25, 2024

NPDES Permit No. IL0002305

Effluent Limitations and Monitoring

From the modification date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 003 Wastewater Treatment Unit (DAF = 0.151 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF) 30 DAY AVERAGE	LOAD LIMITS lbs/day DAF (DMF) DAILY MAXIMUM	CONCENTRATION LIMITS mg/L 30 DAY AVERAGE	CONCENTRATION LIMITS mg/L DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
The discharge consists of the following: 1. Landfill Leachate 2. CAMU Leachate 3. Recovered Groundwater 4. Steam Out/Wash Out Water 5. New and Existing Pipeline Hydrotest Water 6. Service Water 7. Equipment and Vehicle Washwater 8. Stormwater Runoff**						
Flow (MGD)	See Special Condition 1.				1/Month	Measured or Estimated
pH	See Special Condition 2.				1/Month	Grab
Oil and Grease	See Special Condition 3.		15	30	1/Month	Composite
$CBOD_5$			20	40	1/Month	Composite
Total Suspended Solids			25	50	1/Month	Composite
Iron (total)			2.0	4.0	1/Month	Grab
Ammonia			30-Day Average	Weekly Average / Daily Maximum	1/Month	Grab
Spring (March – May)			3.9	9.8 / 15.0		
Summer (June – August)			2.4	6.1 / 15.0		
Fall (September – October)			3.9	9.8 / 15.0		
Winter (November – February)			6.3	15.0		
Mercury	See Special Condition 10.		Monitor Only		1/Month	Grab
PNAs	See Special Condition 11.		Monitor Only		1/Quarter	Grab
Stormwater	See Special Condition 12.					

Special Conditions

SPECIAL CONDITION 1. Flow shall be estimated or measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

SPECIAL CONDITION 2. The pH for the effluent from Outfall 002 shall be in the range 6.5 to 9.0. The pH for the effluent from Outfall 003 shall be in the range 6.0 to 9.0. The minimum and maximum pH values recorded during each outfall's specified monitoring period shall be reported on the DMR form.

SPECIAL CONDITION 3. The composites for oil, fats, and greases shall consist of sample aliquots of approximately equal volume, a minimum of 100 milliliters, be collected at regular time intervals over a eight-hour period (three aliquots total). A single sample formed by combining all the aliquots, and the solvent rinse of the container, would then be analyzed. The results of the single analysis is then reported for oil, fats, and grease.

SPECIAL CONDITION 4. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/net-dmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 6. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 7. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 8. The provisions of 40 CFR 122.41 m and n are applicable to this permit.

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E. 1.0 ng/L = 1 part per trillion.

SPECIAL CONDITION 11. The permittee shall sample the discharge from outfall 003 on a quarterly basis and analyze said sample for the following list of parameters:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Flouranthene
Benzo (a) anthracene	Flourene
Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene

Special Conditions

Benzo (ghi) perylene	Phenanthrene
Benzo (K) fluoranthene	Pyrene

Quarterly sampling shall be performed in the months of March, June, September and December with sample results submitted with the following months DMR submittal.

All sample collection, preservation and storage times will conform to 40 CFR 136. The analysis for the above parameters shall meet the detection level as established for accepted test procedures listed in Method 625 40 CFR 136.

SPECIAL CONDITION 12. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 13. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, and 2F for stormwater discharge, and a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees must submit a renewal application at least 180 days prior to expiration of the current permit.

Attachment

Standard Condition

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply**. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply**. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense**. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate**. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance**. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions**. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights**. This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information**. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry**. The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:
- (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records**.
- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
- (c) Records of monitoring information shall include:
  - (1) The date, exact place, and time of sampling or measurements;
  - (2) The individual(s) who performed the sampling or measurements;
  - (3) The date(s) analyses were performed;
  - (4) The individual(s) who performed the analyses;
  - (5) The analytical techniques or methods used; and
  - (6) The results of such analyses.
- (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement**. All applications, reports or information submitted to the Agency shall be signed and certified.
- (a) **Application**. All permit applications shall be signed as follows:
  - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:
  - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
  - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
- (b) **Reports**. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - (1) The authorization is made in writing by a person described in paragraph (a); and
  - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
  - (3) The written authorization is submitted to the Agency.
- (c) **Changes of Authorization**. If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (d) **Certification**. Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

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

(12) **Reporting requirements**.
- (a) **Planned changes**. The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
  Notice is required when:
  - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
  - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
  - (3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- (b) **Anticipated noncompliance**. The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Transfers**. This permit is not transferable to any person except after notice to the Agency.
- (d) **Compliance schedules**. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(e) **Monitoring reports**. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting**. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:
(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.
(2) Any upset which exceeds any effluent limitation in the permit.
(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.
The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance**. The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information**. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass**.
(a) Definitions.
(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).
(c) Notice.
(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).
(d) Prohibition of bypass.
(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:
(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
(iii) The permittee submitted notices as required under paragraph (13)(c).
(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset**.
(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
(1) An upset occurred and that the permittee can identify the cause(s) of the upset;
(2) The permitted facility was at the time being properly operated; and
(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).
(4) The permittee complied with any remedial measures required under paragraph (4).
(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits**. Permits may be transferred by modification or automatic transfer as described below:
  (a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.
  (b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:
    (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
    (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
    (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
  (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
    (1) One hundred micrograms per liter (100 ug/l);
    (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
    (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
    (4) The level established by the Agency in this permit.
  (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
  (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
  (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
  (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
  (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
  (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
  (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

United States Environmental Protection Agency | Office of Enforcement and Compliance Assurance | September 2015

Final NPDES Electronic Reporting Rule

On 24 September 2015, Administrator Gina McCarthy signed the final National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule for publication in the Federal Register. The publication of this rule is the latest step in an extensive multi-year outreach effort with EPA's state, tribal and territorial partners. This rule will replace most paper-based Clean Water Act (CWA) NPDES permitting and compliance monitoring reporting requirements with electronic reporting.

Purpose of the Final Rule

This final rule is designed to save authorized state, tribe, or territorial NPDES programs considerable resources, make reporting easier for NPDES-regulated entities, streamline permit renewals, ensure full exchange of basic NPDES permit data between states and EPA, improve environmental decision-making, and better protect human health and the environment.

This final rule requires that NPDES regulated entities electronically submit the following permit and compliance monitoring information instead of using paper reports:

- Discharge Monitoring Reports (DMRs);
- Notices of Intent to discharge in compliance with a general permit; and
- Program reports.

Authorized NPDES programs will also electronically submit NPDES program data to EPA to ensure that there is consistent and complete reporting nationwide, and to expedite the collection and processing of the data, thereby making it more accurate and timely. Importantly, while the rule changes the method by which information is provided (i.e., electronic rather than paper-based), it does not increase the amount of information required from NPDES regulated entities facilities under existing regulations.

Overview of Benefits

EPA anticipates that the final rule will save significant resources for states, tribes, and territories as well as EPA and NPDES permittees, while resulting in a more complete, accurate, and nationally-consistent set of data about the NPDES program. With full implementation (5 years after the effective date), the anticipated savings are:

- Authorized State NPDES programs: $22.6 million annually,
- NPDES regulated entities: $0.5 million annually, and
- EPA: $1.2 million annually.

As an example demonstrating the benefits of electronic reporting is the State of Ohio's electronic reporting program for Discharge Monitoring Reports, which has a 99.9 percent adoption rate. This program has increased data quality and improved environmental protection, while also saving significant time and resources (e.g., Ohio was able to shift resources from five full-time staff to less than one to support the DMR program). The benefits of this final rule should allow NPDES-authorized programs in states, tribes, and territories to shift precious resources from data management activities to those more targeted to solving water quality issues.

Separate from this rulemaking, to promote transparency and accountability, EPA intends to make this more complete set of data available to the public, providing communities and citizens with information on facility and government performance. This can serve to elevate the importance of permitting and compliance information and environmental performance within regulated entities, providing opportunities for them to quickly address any potential environmental problems.

The final rule will also lighten the reporting burden currently placed on the states. Upon successful implementation, the final rule would provide states with regulatory relief from reporting associated with the Quarterly Non-Compliance Report, the Annual Non-Compliance Report, the Semi-Annual Statistical Summary Report, and the biosolids information required to be submitted to EPA annually by states.

Implementation

EPA will phase in the requirements of the rule over a five year period following the effective date of the final rule.

Phase 1 – One year after effective date of final rule

In Phase 1, EPA will begin to electronically receive information from authorized states, tribes, and territories regarding inspections, violation determinations, and enforcement actions. EPA, states, tribes, and territories will electronically receive Discharge Monitoring Report (DMR) information from NPDES permittees – the largest volume of data for the NPDES program. Also included in Phase 1 are the Sewage Sludge/Biosolids Annual Program Reports for the 42 states where EPA implements the Federal Biosolids Program.

Additionally, one year after the effective date of the final rule, authorized NPDES programs will submit an implementation plan for meeting the Phase 2 data requirements for EPA to review.

Phase 2—Five years after effective date of final rule

For Phase 2, EPA and authorized state NPDES programs have five years to begin electronically collecting, managing, and sharing the remaining set of NPDES program information. This information includes: general permit reports (e.g. Notice of Intent to be covered (NOI); Notice of Termination (NOT); No Exposure Certification (NOE); Low Erosivity Waiver and Other Waivers from Stormwater Controls (LEW)); Sewage Sludge/Biosolids Annual Program Report (where the state is

the authorized NPDES biosolids program); and all other remaining NPDES program reports. These program reports include:

- Sewage Sludge/Biosolids Annual Program Reports [40 CFR 503] (for the 8 states that implement the Federal Biosolids Program)
- Concentrated Animal Feeding Operation (CAFO) Annual Program Reports [40 CFR 122.42(e)(4)]
- Municipal Separate Storm Sewer System (MS4) Program Reports [40 CFR 122.34(g)(3) and 122.42(c)]
- Pretreatment Program Reports [40 CFR 403.12(i)]
- Significant Industrial User Compliance Reports in Municipalities Without Approved Pretreatment Programs [40 CFR 403.12(e) and (h)]
- Sewer Overflow/Bypass Event Reports [40 CFR 122.41(l)(4), (l)(6) and (7), (m)(3)]
- CWA Section 316(b) Annual Reports [40 CFR 125 Subpart J]

How the final rule addresses comments

In response to concerns about implementation raised during the comment periods, the final rule provides authorized NPDES programs more flexibility to implement the final rule by providing them up to three additional years to electronically collect, manage, and share their data. Authorized NDPES Programs will also have more flexibility in how they can grant electronic reporting waivers.

Further Information

For additional information, please contact Messrs. John Dombrowski, Director, Enforcement Targeting and Data Division (202-566-0742) or Carey A. Johnston (202-566-1014), Office of Compliance (mail code 2222A), Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC, 20460; e-mail addresses: dombrowkski.john@epa.gov or johnston.carey@epa.gov.

Useful Final Rule Link:

Email sign up for outreach events
https://public.govdelivery.com/accounts/USAEPAOECA/subscriber/new?