



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian Rockensuess
Commissioner

July 02, 2024

Via Email to: linda.m.sorn@usace.army.mil

Ms. Linda Sorn, Chief of Engineering and Construction Division, Chicago District
U.S. Army Corps of Engineers
231 LaSalle Street, Suite 1500
Chicago, Illinois 60604

Dear Ms. Sorn:

Re: Inspection Summary Letter
Indiana Harbor and Canal Confined Disposal
Facility WWTP
NPDES Permit No. IN0062511
East Chicago, Lake County

An inspection of the above-referenced facility or location was conducted by a representative of the Indiana Department of Environmental Management, Southeast Regional Office, pursuant to IC 13-18-3-9. A summary of the inspection is provided below:

Date(s) of Inspection: July 01, 2024
Type of Inspection: Compliance Evaluation Inspection
Inspection Results: Conditions evaluated were found to be satisfactory at the time of the inspection.

A copy of the NPDES Industrial Facility Inspection Report is enclosed for your records. Please direct any response to this letter and any questions to Nicholas Ream at 219-730-1691 or by email to nream@idem.IN.gov.

Sincerely,

Mark A. Amick, Director
Southeast Regional Office

Enclosure



NPDES Industrial Facility Inspection Report

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

| | | | | | | | |
|--|--------------------|--|---------------|--|------------------|--|----------------------------|
| NPDES Permit Number: IN0062511 | | Facility Type: State/Federal Minor | | Facility Classification: D | | TEMPO AI ID | |
| Date(s) of Inspection: | | July 01, 2024 | | | | | |
| Type of Inspection: Compliance Evaluation Inspection | | | | | | | |
| Name and Location of Facility Inspected: Indiana Harbor and Canal Confined Disposal Facility WWTP 3500 Indianapolis Boulevard East Chicago IN 46312 County: Lake | | | | Receiving Waters/POTW: Lake George Branch of the Indiana Harbor Shipping Canal | | Permit Expiration Date: 8/31/2026 Design Flow: NA | |
| On Site Representative(s): First Name Last Name Title Email Phone Scott Peterson scott.d.peterson@usace.army.mil | | | | | | | |
| Was a verbal summary of the inspection given to the on-site rep? Yes | | | | | | | |
| Certified Operator: See under "Operations" | | Number: | Class: | Effective Date: | Expiration Date: | Email: | |
| Cyber Security Contact Name: _____ Email: _____ | | | | | | | |
| Responsible Official: Ms. Linda Sorn, Chief of Engineering and Construction Division, Chicago District 231 LaSalle Street, Suite 1500 Chicago, Illinois 60604 | | | | Permittee: U.S. Army Corps of Engineers Email: linda.m.sorn@usace.army.mil Phone: 312-846-5400 Fax: _____ | | Contacted? No | |
| INSPECTION FINDINGS | | | | | | | |
| <input checked="" type="radio"/> Conditions evaluated were found to be satisfactory at the time of the inspection. (5) <input type="radio"/> Violations were discovered but corrected during the inspection. (4) <input type="radio"/> Potential problems were discovered or observed. (3) <input type="radio"/> Violations were discovered and require a submittal from you and/or a follow-up inspection by IDEM. (2) <input type="radio"/> Violations were discovered and may subject you to an appropriate enforcement response. (1) | | | | | | | |
| AREAS EVALUATED DURING INSPECTION | | | | | | | |
| (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated) | | | | | | | |
| N | Receiving Waters | S | Facility/Site | N | Self-Monitoring | N | Enforcement |
| N | Effluent/Discharge | N | Operation | N | Flow Measurement | | |
| S | Permit | S | Maintenance | N | Laboratory | S | Effluent Limits Compliance |
| | | N | Sludge | S | Records/Reports | N | Other: |
| DETAILED AREA EVALUATIONS | | | | | | | |
| A review of the Discharge Monitoring Reports (DMRs) and Monthly Monitoring Reports (MMRs) indicated that the facility has not discharged since December 2022. | | | | | | | |
| Receiving Waters: | | | | | | | |
| <u>N</u> 1. The receiving stream was visibly free of excessive deposits of settled solids, floating debris, oil, scum, or billowy foam. | | | | | | | |
| Comments: A thin oil sheen was observed in the Indiana Harbor Shipping Canal, but the wastewater plant is not on-site and no discharges have been reported since December 2022. The sheening observed was not attributed to the permittee. | | | | | | | |
| Effluent/Discharge: | | | | | | | |
| <u>N</u> 1. Final effluent was essentially free of excessive solids, floating debris, oil, scum, or billowy foam. | | | | | | | |
| <u>N</u> 2. Pretreatment discharge into sanitary sewers appeared free of excessive oils, grease, solids, or foam and did not appear to be in violation of the local Sewer Use Ordinance. | | | | | | | |

N 3. Pretreatment discharge into sanitary sewers did not contain materials that pass through or interfere with the operation of the POTW.

Comments:

No discharge was occurring at the time of the inspection

Permit:

S 1. Did the facility have a copy of the current permit available for reference.

N 2. If the permit expires within 180 days, has a renewal application been submitted?

S 3. Receiving waters are accurately described in the permit.

N 4. The permit has been properly transferred if there is a new owner.

N 5. The NPDES Permit Schedule of Compliance monitoring and reporting milestones have been met.

Comments:

The facility has a valid permit.

Facility/Site:

N 1. The facility was found to have standby power or equivalent provision, If required.

N 2. An adequate alarm or notification system for power or equipment failure was available for the treatment facility.

S 3. Safe and adequate access was provided for inspection of all treatment units and outfalls.

N 4. Facilities and equipment did not appear beyond their useful life.

5. List any safety concerns noted during the inspection in the box below:

Comments:

The facility grounds are well maintained. All areas requested to be inspected were made available.

Operation:

N 1. All facilities and systems necessary for achieving compliance with the terms and conditions of the permit were operated efficiently, including an anticipated bypass report for steps of treatment taken out of service.

N 2. An adequate, qualified operating staff was found to be provided to carry out the operation of the facility, including:

a. Certified Operator's on-site attendance and/or qualified operations personnel attendance was adequate.

b. Adequate documentation of operational activities, including system monitoring and cleaning.

c. Adequate funding to ensure proper operation.

N 3. Solids handling procedures were adequate.

N 4. Documentation of solids removal, handling, and disposal was adequate.

Comments:

No discharge has been reported since December 2022. There is no wastewater treatment plant on-site.

As there is no wastewater treatment plant, there is currently no operator. Once a wastewater treatment plant is on-site again, an operator will need to be obtained.

Maintenance:

N 1. A maintenance record system has been established and includes maintenance/repair history and preventative maintenance plan.

S 2. Facility maintenance activities appeared adequate.

Comments:

There is no wastewater treatment plant on-site. The walls of the pond have been raised in preparation to increase residence time when the facility is utilized again for the treatment of dredged solids and waters. The pond walls appeared to be in good condition as observed from the southwest corner of the pond.

Sludge:

N 1. Sludges, screenings, and slurries were found to be handled and disposed of properly.

Comments:

No solids have been removed within the past 12 months.

Self-Monitoring:

N 1. Samples were found to be taken at pre-designated locations and were found to be representative.

N 2. Flow-proportioned samples were found to be obtained where needed.

N 3. The facility was found to conduct sampling of all waste streams, including type and frequency, as required in the permit.

N 4. Sample collection procedures, including automatic sampling, include:

a. Samples refrigerated during compositing.

b. Proper preservation techniques used.

c. Containers and holding times conform to 40 CFR 136.3.

N

5. Sample documentation was adequate and includes:

- a. Dates, times, and locations of sampling.
- b. Name of individual performing sampling.
- c. Instantaneous flow for flow-weighted aliquots.
- d. Chain of Custody records.

N 6. NPDES Permit Total Toxic Organic (TTO) requirements were being met.

N 7. NPDES Permit Whole Effluent Toxicity (WET) testing requirements were being met.

Comments:

No discharge has been recorded within the previous 12 months.

Flow Measurement:

N 1. Flow was found to be properly monitored as required by the permit.

N 2. Flow data and calibration records were available for review, and document that monitoring equipment has been calibrated at the frequency required in the permit.

Comments:

No discharge has been recorded within the previous 12 months.

Laboratory:

Comments:

No discharge has been recorded within the previous 12 months.

Records/Reports:

The following records/reports were reviewed:

DMRs for the period of June 2023 to May 2024 were reviewed as part of the inspection.

S 1. All facility records for the period including the previous three years were available for review.

S 2. DMRs and MMRs were completed properly and accurately including:

- a. "No Ex" column was accurate.
- b. Signatory requirements were met.
- c. Reports were prepared by or under the direction of a certified operator.

N 3. Bypass and Noncompliance reporting are adequate.

Comments:

The electronic records, e.g. the DMRs and MMRs, were reviewed prior to the on-site inspection and appeared complete and accurate.

Enforcement:

N 1. Agreed Order compliance milestones have been met.

Comments:

There was no Agreed Order at the time of the inspection.

Effluent Limits Compliance:

Yes 1. Were DMRs reviewed as part of the inspection?

DMRs for the period of June 2023 to May 2024 were reviewed as part of the inspection.

No 2. Were violations noted during the review of DMRs?

Comments:

IDEM REPRESENTATIVE

| | | |
|--|---------------------------------|-------------------------------|
| Inspector Name: Nicholas Ream | Email: nream@idem.IN.gov | Phone Number: 219-730-1691 |
| Other staff participating in the inspection: | | |
| Name(s) Miya Spratt | Phone Number(s) 219-312-1226 | |
| Porfirio Ascencio | 219-216-3235 | |

IDEM MANAGER REVIEW

| | |
|--------------------------------|-------------------|
| IDEM Manager: Mark A. Amick | Date: 7/1/2024 |
|--------------------------------|-------------------|