INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • Fax (317) 233-6647 • www.idem.IN.gov

Mike Braun
Governor

Clint Woods
Commissioner

May 15, 2026

VIA ELECTRONIC MAIL: Don.Rocole@kiewit.com

Mr. Dan Rocole, President
Kiewit Power Constructors, Inc.
8900 Renner Blvd.
Lenexa, KS 66219

Dear Mr. Rocole:

Re: IDEM Notice of Coverage # ING420059
NPDES Temporary Discharge Permit
Cayuga 2x1 Combined Cycle Project
3300 N. S.R. 63
Cayuga, IN - Vermillion County

Our office received your complete Notice of Intent (NOI) packet for the above-noted project on April 1, 2026. We are pleased to inform you that the NOI is sufficient to comply with the requirements of the NPDES General Permit ING420000 for temporary discharges of wastewater and that your facility will be covered by this general permit.

This project involves construction of a natural gas combined cycle power plant on the property of an existing coal-fired power plant. Tanks and underground piping that are being installed will be hydrostatically tested, with the quality of discharge water regulated by NPDES general permit ING420000 and this Notice of Coverage letter.

You are required to follow all terms and conditions of ING420000 and this approval letter. This coverage is **effective immediately** but due to the constraints of the U.S. EPA database, the official effective date of coverage is deemed to be May 1, 2026. **This is a one-time discharge authorization, which cannot be renewed**. This coverage may be modified during its term; however, the term may not be extended beyond 364 days from the original effective date of coverage; the **expiration date** for this general permit coverage is **April 29, 2027.** It should be noted that the permittee intends to reuse the "spent" water onsite for dust suppression and to utilize other means to reduce the likelihood of a discharge to a surface water.

The NPDES general permit coverage number assigned to this project is I**NG420059**. This identification number should be included in all correspondence submitted to IDEM in relation to NPDES general permit coverage for this site. Approval of coverage includes all outfalls listed in Attachment 1 to this letter, and the effluent limitations and monitoring requirements are set forth in Attachment 2. Please also be advised that this approval of general permit coverage does not preclude you from needing to obtain any applicable approval from other state and local governmental agencies.

The NPDES general permit and fact sheet for ING420000 are posted on IDEM's website at https://www.in.gov/idem/cleanwater/wastewater-permitting/general-permits/. You may also contact the permit manager listed below to request a copy be sent to you. You are responsible for following the general permit requirements contained therein.

One condition of your permit requires periodic reporting of several effluent parameters. All NPDES permit holders are required to submit their monitoring data to IDEM using NetDMR. For more information on NetDMR, please see IDEM's website at https://www.in.gov/idem/cleanwater/resources/netdmr/.

You are required to submit both federal discharge monitoring reports (DMRs) and state Monthly Monitoring Reports (MMRs) on a routine basis. The MMR form (State Form 30530) may be found on IDEM's web site at https://www.in.gov/idem/forms/. Once you are on this page, just insert "30530" in the search box. We recommend using the "XLS" version because it will complete all of the calculations when you enter the data.

IDEM shall serve notice of its decision to accept your facility for coverage under the general permit in accordance with the requirements of 327 IAC 5-3-14. It should also be noted that any appeal must be filed under procedures outlined in IC 13-15-6, IC 4-21.5, and the enclosed Public Notice. The appeal must be initiated by filing a petition for administrative review with the Office of Administrative Law Proceedings (OALP) within fifteen (15) days of the emailing of an electronic copy of this letter or within eighteen (18) days of the mailing of this letter. A copy must also be served upon IDEM. Addresses are as follows:

Director
Office of Administrative Law Proceedings
Indiana Government Center North
100 N. Senate Ave, Suite 802
Indianapolis, IN 46204

Commissioner
Indiana Department of Environmental Management
Indiana Government Center North
100 N. Senate Ave., Room 1301
Indianapolis, IN 46204

The OALP will provide parties who request review of this acceptance for coverage with notice of prehearing conferences, preliminary hearings, hearing, and stays or orders disposing of all proceedings. Nonparties may receive such notices without intervening and formally becoming parties in the proceeding by requesting copies of such notices from the OALP.

Please note that when discharge activity has ceased, you are required to submit a signed, dated letter on company letterhead to us requesting termination of NPDES general coverage. Until the NPDES general permit coverage is terminated, you will continue to be responsible for the submittal of the monthly monitoring reports.

Also, be advised that annual permit fees are applicable to this NPDES permitted facility/project; please see 327 IAC 5-3-17 for more information. This facility's NPDES activities classify it as a minor industrial discharge.

If you have any questions regarding this matter, please feel free to contact Ms. C. Anne Burget of my staff at (317) 234-8745 or via email at cburget@idem.in.gov. You may also contact me at (317) 232-8704 or via email at chess@idem.IN.gov.

Sincerely,

Catherine Hess

Catherine Hess, Chief
Permits Administration Section
Office of Water Quality

Attachments
cc: Sodeeq Lawal (Sodeeq.lawal@kiewit.com)
Nathan Iwert (Nathan.Iwert@kiewit.com)

ATTACHMENT 1

CAYUGA 2X1 COMBINED CYCLE PROJECT

NPDES GENERAL PERMIT COVERAGE **# ING420059**

EFFECTIVE DATE : **MAY 1, 2026**

AUTHORIZED OUTFALLS

The following outfalls are authorized for coverage under this general permit approval:

OUTFALL	LATITUDE	LONGITUDE	RECEIVING WATER
001	39^{O} 55’ 29.84”	-87^{O} 26’ 5.72”	WABASH RIVER

Attachment 2 - Discharge Limitations

Table 1 [2][5][6][7]

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
Parameter	Monthly average	Daily maximum	Units	Monthly average	Daily maximum	Units	Measurement frequency [*]	Sample type
Flow [1]	Report	Report	MGD	----	----	----	Daily	Instantaneous
Total Flow [1]	----	Report	Mgal	----	----	----	1 x Monthly	Cumulative monthly total
Oil & Grease	-----	-----	-----	10	15	mg/l	Daily [4]	4-Sample Grab
Total Suspended Solids (TSS)	-----	-----	-----	30	45	mg/l	Daily	Grab
Iron	-----	-----	-----	Report	Report	mg/l	Daily	Grab [3]

Table 2

	Quality or Concentration			Monitoring Requirements	
Parameter	Daily minimum	Daily maximum	Units	Measurement frequency	Sample type
pH	6.0	9.0	Std. Units	Daily [4][5]	Grab

[*] The monitoring requirements in this table pertain to those releases which will result in a discharge to surface waters of the state (including wetlands). No sampling is required for any water which is re-used on-site for dust suppression, or which will be released onto the ground (i.e. to an upland area or anywhere that it does not then flow into a waterway)

[1] Monitoring and reporting of effluent flow is required. Flow volume may be estimated, however a reliable means of determining daily flow values must be used. Only those flow volumes for discharges which reach surface waters of the state are required to be reported.

[2] Samples and measurements taken shall be representative of the volume and nature of the monitored discharge. Samples taken in compliance with the monitoring requirements shall be taken at a point representative of the discharge but prior to entry into waters of the state. Test methods shall be selected that will provide adequately sensitive data results.

[3] Iron concentrations are to be measured and reported as total recoverable metals.

[4] When performing hydrostatic testing of tanks or pipelines, O&G should be sampled using a minimum of four (4) grab samples which shall be collected at equally spaced time intervals during each test period (or day if the sampling takes more than one day at a time). Each sample shall be analyzed individually and the arithmetic mean of the measured concentrations reported as the maximum concentration for the twenty-four (24) hour period.

[5] Sampling should be performed daily during hydrostatic testing for new equipment.

[6] See Part 2.2 of NPDES General Permit ING420000 for minimum narrative standards.

[7] Sampling for total residual chlorine is not required for this project as the source water for testing is a well, not a chlorinated water source.

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PUBLIC NOTICE NO. 20260515 – ING420059 – GP

DATE OF NOTICE: May 15, 2026

The Office of Water Quality approves the following NPDES GENERAL PERMIT coverage**:**

NEW COVERAGE UNDER ING420000 for TEMPORARY DISCHARGES OF WASTEWATER

CAYUGA 2X1 COMBINED CYCLE PROJECT, NPDES General Permit Coverage No. ING420059, 3300 N. State Rd. 63, Cayuga, IN (VERMILLION COUNTY). The permittee submitted a Notice of Intent for coverage under NPDES general permit ING420000 for temporary discharges of wastewater. The project includes hydrostatic testing of new tanks and commercial pipelines. The project will have a one (1) permitted outfall. The locational coordinates of the proposed discharge point and the receiving water body are as follows:

OUTFALL	LATITUDE	LONGITUDE	RECEIVING WATER
001	39^{O} 55’ 29.84”	-87^{O} 26’ 5.72”	WABASH RIVER

The permittee intends to reuse the water onsite for dust suppression and to utilize other means to reduce the likelihood of a discharge to the Wabash River. For more information, please contact Ms. C. Anne Burget at (317) 234-8745 or via email at cburget@idem.IN.gov or OWQ@idem.IN.gov

Notice of Right to Administrative Review

If you wish to challenge this permit, you must file a Petition for Administrative Review with the Office of Administrative Law Proceedings (OALP) and serve a copy of the petition upon IDEM. The requirements for filing a Petition for Administrative Review are found in IC 4-21.5-3-7, IC 13-15-6-1 and 315 IAC 1-3-2. A summary of the requirements of these laws is provided below.

A Petition for Administrative Review must be filed with the OALP within fifteen (15) days of the issuance of this notice (eighteen (18) days if you received this notice by U.S. Mail), and a copy must be served upon IDEM. The addresses are as follows:

Director
Office of Administrative Law Proceedings
Indiana Government Center North
Suite N802
100 N. Senate Ave.
Indianapolis, IN 46204

Commissioner
Indiana Department of Environmental Management
Indiana Government Center North
Room 1301
100 N. Senate Ave.
Indianapolis, IN 46204

The petition must contain the following information:

1. The name, address and telephone number of each petitioner.
2. A description of each petitioner's interest in the permit.
3. A statement of facts demonstrating that each petitioner is:
    a. a person to whom the order is directed;
    b. aggrieved or adversely affected by the permit; or
    c. entitled to administrative review under any law.
4. The reasons for the request for administrative review.
5. The particular legal issues proposed for review.
6. The alleged environmental concerns or technical deficiencies of the permit.
7. The permit terms and conditions that the petitioner believes would be appropriate and would comply with the law.
8. The identity of any persons represented by the petitioner.
9. The identity of the person against whom administrative review is sought.
10. A copy of the permit that is the basis of the petition.
11. A statement identifying petitioner's attorney or other representative, if any.

Failure to meet the requirements of the law with respect to a Petition for Administrative Review may result in a waiver of your right to seek administrative review of the permit. Examples are as follows:

1. Failure to file a Petition by the applicable deadline;
2. Failure to serve a copy of the Petition upon IDEM when it is filed; or
3. Failure to include the information required by law.

If you seek to have a permit stayed during the administrative review, you may need to file a Petition for a Stay of Effectiveness. The specific requirements for such a Petition can be found in 315 IAC 1-3-2 and 315 IAC 1-3-2.1.

Pursuant to IC 4-21.5-3-17, OALP will provide all parties with notice of any pre-hearing conferences, preliminary hearings, hearings, stays, or orders disposing of the review of this action. If you are entitled to notice under IC 4-21.5-3-5(b) and would like to obtain notices of any pre-hearing conferences, preliminary hearings, hearings, stays, orders disposing of the review of this action without intervening in the proceeding you must submit a written request to OALP at the address above.

If you have procedural or scheduling questions regarding your Petition for Administrative Review, please refer to the OALP's website at http://www.in.gov/oalp.

Kiewit

KIEWIT POWER CONSTRUCTORS CO. construction services

Catherine Hess
Chief, Permits Administration Section
Office of Water Quality
100 N. Senate Ave, IGCN, Suite 1255
Indianapolis, IN 46204

Dear Ms. Hess:

Kiewit Power Constructors is currently beginning construction of a natural gas combined cycle power plant at the existing Duke Cayuga coal-fired power plant in Cayuga, IN. As a portion of the scope of work, multiple pipe systems and vessels will be required to be hydrostatically tested. In lieu of the expired Hydrostatic Testing of Commercial Pipelines NPDES General Permit ING670000, Kiewit Power Constructors is seeking permit coverage under ING420000 Temporary Discharges of Wastewater General NPEDS Permit as these systems are hydrostatically tested so that test waters may be discharged at the construction site.

As has been previously discussed over multiple phone calls, all pipes and vessels that will be tested are new and unused. The source water for the hydrostatic tests will be from a groundwater well previously installed at the existing facility. Samples of the well water were recently taken to evaluate if the water was of a sufficient quality standard to be acceptable for use during the hydrostatic testing. The water was determined to meet those testing requirements. Along with the Notice of Intent is included the analytical data from this sampling event.

Kiewit Power Constructors believes that the quality of the water when discharged after being used for hydrostatic tests will remain unchanged. The project's priority is for a beneficial reuse of the water by collecting the water in the project water trucks which will then use the water for dust suppression in the initial phase of work which is primarily heavy civil operations. The project's second priority will be to send the water to sediment basins for eventual groundwater percolation and evaporation. Finally, the project plans to designate an outfall for discharge at the perimeter of the project's Limits of Disturbance where the water may be discharged to ground >0.25 miles from the Wabash River.

Additionally, as previously discussed, Kiewit Power Constructors is requesting a testing protocol that will allow the discharge of hydrostatic water while samples are analyzed by a credentialed lab. Kiewit Power Constructors has experience with Discharge Monitoring Reports and can support a reporting frequency as identified by the Department.

Hydrostatic tests over the next 12 months will occur at irregular intervals as construction milestones continue to progress. Kiewit Power Constructors is requesting that a testing protocol be considered to require that hydrostatic test waters be sampled and analysis conducted at the onset of hydrostatic testing and if a change in pipe/vessel material occurs; or if the source water were to change, which is not anticipated.

Along with the Notice of Intent and this cover letter the following documents are attached for your review:

- Part B, Delegation of Authority
- Part E, Analytical Report for source water sampled on March 12, 2026
- Section 23, Proof of Publication
- Section 24, Required Maps

- Section 25, Site Inquiry Attachment
- Part H, Identification of Potentially Affected Persons
- Part I, Application Fee

Please feel free to contact me by phone at (913) 238-7351, or by email at Nathan.iwert@kiewit.com

Sincerely,

Nathan Iwert
Regional Environmental Manager
Kiewit Power Constructors

NOTICE OF INTENT (NOI)
FOR ING420000
TEMPORARY DISCHARGES OF WASTEWATER
GENERAL NPDES PERMIT

State Form 56913 (2-20)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Mail this form and required attachments to:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Water Quality,
Permits Administration Section
100 North Senate Avenue, IGCN Room 1255
Indianapolis, IN 46204-2251

Alternatively these documents may be scanned and submitted via email to OWQ@idem.IN.gov.

INSTRUCTIONS

- ***This form must be used to apply for coverage under the General NPDES Permit for temporary discharges pursuant to NPDES Permit Number ING420000. Please submit the form and application fee at least forty-five (45) days prior to the planned commencement of discharge; see checklist on page six (6) for a list of required NOI components.***
- ***Please type or print in ink. Do not use white-out to correct errors. Strike-through and initial any corrections.***
- ***Further item-specific instructions are provided in Appendix A on pages seven (7) and eight (8) of this form.***

For questions regarding this form, the required attachments, and permit requirements, contact the Office of Water Quality, Permits Administration Section at (317) 232-8704 or (800) 451-6027, ext 28704 (within Indiana) or via e-mail at OWQWWPER@idem.IN.gov.

ELIGIBILITY REQUIREMENTS

This permit authorizes certain temporary discharges of wastewater to surface waters of the state. Types of discharges that may be covered under this permit include, but are not limited to, emergency discharges, discharges related to environmental cleanup activity, discharges resulting from testing of pilot projects, and dewatering discharges of contaminated water. These discharges can only be permitted under this general permit for a maximum of 364 consecutive calendar days.

Discharges **NOT** authorized by this permit include the following:

a) discharges directly to or to tributaries of waters that are designated as an Outstanding National Resource Water (ONRW) as defined at IC 13-11-2-149.5 or discharges directly to an Outstanding State Resource Water (OSRW) defined at IC 13-11-2-149.6 and listed at 327 IAC 2-1-11(b), 327 IAC 2-1.3-3(d), or 327 IAC 2-1.5-19(b);
b) discharges to a receiving stream when the discharge results in an increase in the ambient concentration of a parameter which contributes to the impairment of the receiving stream for that parameter as identified on the current 303(d) list of impaired waters;
c) discharges containing water treatment additives (WTAs) which have not received prior written approval from IDEM for the specific additive, use, and dosage at the particular facility for which the Notice of Intent (NOI) is submitted;
d) discharges that take place within five-hundred (500) yards upstream of a public water system surface water intake and cannot meet Indiana's public water supply standards;
e) discharges of storm water associated with industrial activity (regulated under 327 IAC 15-6) or INRM00000;
f) discharges of storm water runoff associated with construction activity (regulated under INRA00000);
g) discharges from coal mining operations (regulated under 327 IAC 15-7);
h) discharges from a groundwater petroleum remediation system (regulated under General NPDES Permit ING080000);
i) discharges from a petroleum product terminal (regulated under General NPDES Permit ING340000);
j) discharges from a sand, gravel, dimension stone, or crushed stone operation (regulated under General NPDES Permit ING490000);
k) discharges of hydrostatic test water from a commercial pipeline (regulated under General NPDES Permit ING670000);
l) discharges to combined or sanitary sewer systems;
m) discharges that are commingled with hazardous wastes or hazardous materials;
n) bypasses or upsets of any kind from a treatment works or collection system;
o) discharges that contain parameters classified as bioaccumulative chemicals of concern (BCCs), other than mercury;
p) intermittent discharges from a singular activity spanning longer than 364 days from start to finish;
q) discharges for which the Commissioner requests an individual NPDES permit application; and
r) discharges of wastewater already regulated under another NPDES permit.

☒ By checking this box I certify that this facility meets all eligibility requirements of this master general permit.

APPLICATION TYPE AND INFORMATION

	ANTICIPATED DATE OF COMMENCEMENT OF DISCHARGE *(month, day, year)*	ESTIMATED DURATION *(IN DAYS)* OF DISCHARGE *(MUST NOT EXCEED 364 CONSECUTIVE CALENDAR DAYS)*	DESCRIPTION OF PROPOSED MODIFICATION, IF APPLICABLE
☒ NEW ☐ MODIFICATION	05/15/2026	364	

PART A: GENERAL INFORMATION

1. APPLICANT NAME *(See Appendix A.)*

Kiewit Power Constructors

2. APPLICANT MAILING ADDRESS *(See Appendix A.)*			3. DISCHARGE LOCATION (*See Appendix A.*)		
STREET ADDRESS *(number and street)*			STREET ADDRESS *(number and street)*		
3300 North State Road 63			3300 North State Road 63		
CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
Cayuga	IN	47928	Cayuga	IN	47928

4. SITE OWNER'S COMPLETE MAILING ADDRESS *(See Appendix A.)*			5. SITE CODES *(See Appendix A.)* SIC Code	NAICS Code	6. SITE (DISCHARGE) COUNTY
COMPANY NAME			4911	237130	Vermillion County
Duke Energy Indiana, LLC					
STREET ADDRESS *(number and street)*			7. LATITUDE AND LONGITUDE OF CENTER OF SITE *(See Appendix A.)*		
3300 North State Road 63			Latitude		Longitude
			degree / minute / second		degree / minute / second
CITY	STATE	ZIP CODE	39 / 55 / 29.481		-87 / 26 / 16.443
Cayuga	IN	47928			

8. Provide a detailed description of the primary business conducted at the facility or project site. (Example: new construction of a small business building)

New construction of a natural gas combined cycle power plant on the property of an existing coal-fired power plant.

9. Provide a detailed description of the operations that result in the discharge. (Example: dewatering of limited area necessary to construct foundation for building)

As part of the construction and commissioning of the natural gas combined cycle power plant, several new and unused pipes and vessels will be installed and hydrostatic testing will occur to verify quality standards of the installation work. Hydrostatic test waters will be taken from an existing well located adjacent to the site of construction.

PART B: CONTACT INFORMATION FOR RESPONSIBLE OFFICIAL (AUTHORIZED NOI SIGNATORY)

Provide information regarding the responsible official who has the authorization to sign this NOI in accordance with 40 CFR 122.22. If the responsible official wishes to delegate signatory authority for reports and other correspondence related to this NOI, that delegation must be made in writing to IDEM. This delegation of authority may occur either via this NOI or via a letter (signed and dated by the responsible official) which shall be submitted to the address on Page 1 of this NOI form. *(See Appendix A.)*

10. NAME OF RESPONSIBLE OFFICIAL	11. DELEGATED SIGNATORY PERSON (OR POSITION) TO SIGN REPORTS AND FILE ADDITIONAL NOI CONTENT REQUIREMENTS
Dan Rocole	See attached Delegation of Authority
RESPONSIBLE OFFICIAL'S TITLE	DELEGATED SIGNATORY PERSON'S TITLE or POSITION
President	See attached Delegation of Authority
RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER	DELEGATED SIGNATORY PERSON'S TELEPHONE NUMBER
(913) 982-6506	See attached Delegation of Authority
RESPONSIBLE OFFICIAL'S PHYSICAL LOCATION ADDRESS	DELEGATED SIGNATORY'S PHYSICAL LOCATION ADDRESS
8900 Renner Blvd., Lenexa, KS 66219	See attached Delegation of Authority
RESPONSIBLE OFFICIAL'S MAILING ADDRESS	DELEGATED SIGNATORY'S MAILING ADDRESS
8900 Renner Blvd., Lenexa, KS 66219	See attached Delegation of Authority
RESPONSIBLE OFFICIAL'S E-MAIL ADDRESS	DELEGATED SIGNATORY PERSON'S E-MAIL ADDRESS
dan.rocole@kiewit.com	See attached Delegation of Authority

PART C: OTHER CONTACT INFORMATION

12. DISCHARGE MONITORING REPORTS CONTACT AND MAILING INFORMATION	CONTACT PERSON AND COMPANY NAME Sodeeq Lawal		
CONTACT TELEPHONE NUMBER (913) 450-5377	STREET ADDRESS *(number and street)* 3300 North State Road 63		
CONTACT E-MAIL ADDRESS sodeeq.lawal@kiewit.com	CITY Cayuga	STATE IN	ZIP CODE 47928
13. ANNUAL FEE AND FINANCIAL CONTACT AND BILLING ADDRESS	CONTACT PERSON AND COMPANY NAME Sodeeq Lawal		
CONTACT TELEPHONE NUMBER (913) 450-5377	STREET ADDRESS *(number and street)* 3300 North State Road 63		
CONTACT E-MAIL ADDRESS sodeeq.lawal@kiewit.com	CITY Cayuga	STATE IN	ZIP CODE 47928
14. CONTRACTOR OR OPERATOR / CONTACT AND MAILING INFORMATION *(as necessary)*	CONTACT PERSON AND COMPANY NAME Sodeeq Lawal		
CONTACT TELEPHONE NUMBER (913) 450-5377	STREET ADDRESS *(number and street)* 3300 North State Road 63		
CONTACT E-MAIL ADDRESS sodeeq.lawal@kiewit.com	CITY Cayuga	STATE IN	ZIP CODE 47928

PART D: OUTFALL INFORMATION

Provide the following information for all outfalls / discharges to be covered by this master general permit. You may attach additional sheets if necessary.

15. OUTFALL NUMBER	16. LATITUDE deg	min	sec.	LONGITUDE deg.	min.	sec.	17. RECEIVING WATER *(See Appendix A.)*	18. FOR ANY DISCHARGE INTO A STORM SEWER IDENTIFY THE STORM SEWER OWNER *(See Appendix A.)*	19. ANTICIPATED DAILY VOLUME OF DISCHARGE IN MGD AND METHOD OF DETERMINATION OF VOLUME
001	39	55	29.836	-87	26	5.7222	Wabash River	N/A	Max 0.085 MGD, Calc. of pipe/vessel vol.
001							Wabash River	N/A	Max 0.085 MGD, Calc. of pipe/vessel vol.
001							Wabash River	N/A	Max 0.085 MGD, Calc. of pipe/vessel vol.

PART E: EFFLUENT CHARACTERIZATION

20. Representative samples of the water that is to be discharged must be analyzed for parameters that could reasonably be expected to be present based on the results of the facility's attached site inquiry. A table of parameters based on types of common source sites with temporary discharges are provided in Appendix B, at the end of this form. The applicant should:

    1) determine which of the parameters in Appendix B are believed to be present on site and in the discharge that is to be permitted;
    2) complete Appendix B for each outfall/discharge to be covered by this master general permit by:
        a. conducting the sampling and testing required by the table for each applicable parameter; and
        b. filling out the table with the resulting data including analytical results of the performed test and methodology used for analysis; and
    3) submit the completed Appendix B table(s) with the completed and signed NOI.

PART F: WATER TREATMENT ADDITIVES

Please complete the following additional information about the discharge from each outfall. Note that the only additives that may be used under this permit are those that have been approved for use at this site by IDEM. If approval has already been received, include a copy of the approval letter from IDEM. If approval has not been received, complete the form included in Appendix C. You may attach additional sheets if necessary.

21. OUTFALL NUMBER	22. WATER TREATMENT ADDITIVES (WTAs) TO BE USED
N/A	N/A
N/A	N/A
N/A	N/A

PART G: ADDITIONAL REQUIRED ATTACHMENTS

23. PROOF OF PUBLICATION

The NOI must also include the submittal of a proof of publication of the following statement in a newspaper of largest circulation in the area of the discharge:

> *(Supply applicant name, address, address of the location of the discharging facility)* "is submitting a Notice of Intent to notify the Indiana Department of Environmental Management (IDEM) of our intent to comply with the requirements under National Pollutant Discharge Elimination System (NPDES) master general permit ING420000 to discharge non-process wastewater on a temporary (no more than 364 consecutive calendar days) basis. This site will discharge wastewater *"(describe activity resulting in discharge and type of discharge*) to *(insert the name of the stream(s) or water body receiving the discharge(s)*).
>
> Any person wishing further information about this discharge may contact *(supply facility contact person's name and telephone or e-mail information)*. The decision to issue coverage under this NPDES master general permit for this discharge is appealable as per IC 13-15-6. Any person who wants to be informed of IDEM's decision regarding granting or denying coverage to this facility under this NPDES permit, and who wants to be informed of procedures to appeal the decision, may contact IDEM's offices at OWQWWPER@Idem.IN.gov to be placed on a mailing list to receive notification of IDEM's decision."

This publication must be in the newspaper for a minimum of one (1) day. Be advised that notices without the proper information will not be sufficient, and IDEM will require that a new public notice be placed in the newspaper. If the proof of publication is not available, a legible photocopy of the article that contains the name of the newspaper and the date the article was run is also acceptable. Please attach proof of publication of this statement from the newspaper to the NOI.

24. REQUIRED MAPS

1. A topographical map must be submitted with this NOI. The map must include the following items:
   (A) the boundary of the site location marked clearly and identified by name;
   (B) the location of each numbered outfall marked clearly and identified by number;
   (C) the receiving streams that each outfall discharges to shown clearly and identified by name; and
   (D) any existing permanent structures or roads in the area marked clearly and identified by name.

2. An aerial site map must be submitted. The site map must show and identify significant structures, including all piping, diked areas, outfall and sampling locations and treatment systems. Additionally, the flow path of the wastewater on the property must be marked.

3. A flow schematic diagram for each outfall that is to be permitted must be submitted with this NOI. This diagram should show the path that the wastewater travels through the site to the point where it is discharged.

25. SITE INQUIRY ATTACHMENT

The applicant shall conduct an inquiry to determine what soil or groundwater contamination should be expected in the wastewater to be discharged. The inquiry should consider:

1) current and historic uses of the site;
2) current uses of adjacent sites;
3) probable hazardous substances that could reasonably be associated with the current or historic uses;
4) whether the site is considered contaminated by IDEM, US EPA, or other parties;
5) whether the site is currently subject to risk-based corrective action due to a known petroleum release from an underground storage tank; and
6) any other relevant information.

The applicant shall submit a copy of the site inquiry with this NOI. The results of this inquiry will serve to determine what additional parameters should be expected to be present in the wastewater to be discharged from the site. These parameters should be included in the Effluent Characterization *(see Part E and Appendix B of the NOI)*.

PART H: IDENTIFICATION OF POTENTIALLY AFFECTED PERSONS

26. Pursuant to the Administrative Orders and Procedures Act (AOPA) (IC 4-21.5) and IC 13-15-3-1 each applicant for general permit coverage is required to provide a listing of all persons who are potentially affected by the discharge(s) to be covered under the general permit. **PLEASE NOTE THAT MAILING LABELS ARE ALSO REQUIRED WITH THIS SUBMITTAL**. *(See instructions in Appendix A.)*

Please list here any and all persons whom you have reason to believe have a substantial or proprietary interest in this matter,or could otherwise be considered to be potentially affected under the law. Failure to notify any person who is later determined to be potentially affected could result in voiding our decision on procedural grounds. To ensure conformance with AOPA and to avoid reversal of a decision, please list all such parties. Attach additional names and addresses on a separate sheet of paper, as needed.

Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:

Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:
Name: See Attached		Name: See Attached
Street address *(number and street)*:		Street address *(number and street)*:
City/State/ZIP Code:		City/State/ZIP Code:
E-mail address:		E-mail address:

PART I: APPLICATION FEE

27. In accordance with 327 IAC 5-3-17, any application for a new permit, renewal of a permit, modification of a permit, or variance from a permit requirement must be accompanied by an application fee. This fee is applicable to NOI forms for general permits, and is $100.00 for new permits and $50.00 for modifications. (Updates to information in Parts B and C shall not be subject to the $50 fee for modifications.) Checks or money orders shall be made payable to IDEM. Credit card payments are also accepted. For more information, please contact IDEM's Accounting Department at (317) 234-3099. Online payments can also be made via IDEM's website at https://www.in.gov/idem/resources/e-services/online-payment-options/.

PART J: SIGNATORY CERTIFICATION STATEMENT

28. The NOI must be signed by the Responsible Official (as identified in Part B, item 10. Also see Appendix A):

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

*I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-15-7-1(3), that the statements and representations in this **NOI** are true, accurate, and complete.*

Dan Rocole Printed or Typed Name of Responsible Official	President Title
Signature	4/2/26 Date signed *(month, day, year)*

PART K: 29. Please use the address at the top of page one (1) of the NOI form to submit completed NOI form, attachments, and fee.

The complete NOI package should include the following:

- ☐ Signed NOI form, including completion of all questions and data fields;
- ☐ Application Fee - $50 for modification or $100 for new/renewal; include check or documentation of online fee payment;
- ☐ Site Inquiry – narrative description about the past and present activities at the site;
- ☐ Site map;
- ☐ Topographic Map;
- ☐ Wastewater Characterization data, if not already included on the NOI form;
- ☐ Proof of Publication from a local newspaper of the affidavit that the applicant intends to comply with this general permit; and
- ☐ Documentation of any water treatment additive approvals issued by IDEM for this site.

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- Documentation of any water treatment additive approvals issued by IDEM for this site.

APPENDIX A: SUPPLEMENTAL INSTRUCTIONS

APPLICATION TYPE: For the purposes of this form, a modification would consist of removing an existing outfall, adding an outfall in a new location, updating the quantity of discharge anticipated, or updating your wastewater characterization if it is determined that an actual value differs significantly from what you stated on a previous submittal. Please note that outfall locations are considered for the purposes of this permit to be discrete points. If you relocate an outfall you must apply for a modification to remove the outfall at the previous location, and add a new outfall with a new outfall number, to the permit. Changes in contact information must be reported, but you may do so with a letter signed by the signatory (Part B Item 10) or delegated signatory authority (Part B Item 11). An NOI modification submittal is not required for these changes.

ELIGIBILITY REQUIREMENTS: If the eligibility requirements listed on Page 1 of this NOI are not met for the proposed discharge, coverage will not be granted under this master general permit and the NOI should not be completed nor submitted.

Part A, Item 1: Enter the name of the specific site location that is to be permitted. This will be a unique name to identify this single site in conversation and correspondence.

Part A, Items 2 and 3: If the physical location is the same as the mailing address of the site to be permitted then both of these sections will be the same. In this case you may fill in the first and fill in "same" in the second. However, if the mailing address is not sufficient to allow a person who wishes to visit the site to find it, then section 3 should be a description of where the site itself is located. You may attach additional sheets if the boxes provided do not offer sufficient space to provide a proper location description.

Part A, Item 4: Enter the name and mailing address of the entity that owns the site. This may be the name of the site itself but does not have to be.

Part A, Item 5: Enter the four (4) digit Standard Industrial Classification (SIC) code which identifies the facility's primary activity. SIC codes can be obtained from the Standard Industrial Classification Manual, 1987, by accessing the Occupational Safety and Health Administration (OSHA) website or by contacting the Indiana Department of Workforce Development. You should also provide the applicable six (6) digit North American Industrial Classification System (NAICS) code.

Part A, Item 6: Enter the county where the discharge is proposed to occur.

Part A, Item 7: The latitude and longitude of the approximate center of the facility site must be in the degrees/minutes/seconds format. Seconds should be rounded to the nearest whole number. Longitude and latitude can be obtained from United States Geological Survey (USGS) quadrangle or topographic map, by calling (888) 275-8747, or by accessing a locational (geocoding) website and conducting a search based on the facility street address. You may also access this information with the use of a handheld GPS unit at the site.

Longitude and Latitude in decimal degrees may be converted to degrees/minutes/seconds for proper entry on the NOI by following this example:

Convert decimal latitude 45.1234567 to degrees/minutes/ seconds

1. The numbers to the left of the decimal point are degrees: 45.
2. To obtain minutes multiply the first four number to the right of the decimal point by 0.006: 1234 x 0.006 = 7.404
3. The numbers to the left of the decimal point in the result obtained in (2) are the minutes: 7
4. To obtain seconds multiply the remaining three numbers to the right of the decimal from the result obtained in (2) by 0.06: 404 x 0.06 = 24.24.
5. Since the numbers to the right of the decimal are not used the result is 24 seconds.
6. The conversion for 45.1234567 is 45° (degrees), 7' (minutes), and 24" (seconds).

Part B, Item 10: The Responsible Official must meet one of the following requirements:

a) For a corporation, the responsible official must be a responsible corporate officer, which means either of the following:
   (1) A president, secretary, treasurer, any vice president of the corporation in charge of a principal business function, or any other person who performs similar policymaking or decision making functions for the corporation.
   (2) The manager of one (1) or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

b) For a partnership or sole proprietorship, the responsible official must be a general partner or the proprietor, respectively.

c) For a municipality, state, federal, or other public agency or political subdivision thereof, the responsible official must be either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency is:
   (1) The chief executive officer of the agency, or
   (2) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of U.S. EPA).

Part D, Item 15: Enter a three (3) number designation for each point where you will discharge, for example, 001, 002, 003, etc.

Part D, Item 16: See the instructions for Part A, Item 7, above.

Part D, Item 17: Enter the name of the waters of the state into which the discharges from each outfall will occur. EXAMPLE: "Stone Creek", or "Connor Ditch to Stone Creek"; or "unnamed tributary to Connor Ditch". If the outfall discharges to a storm sewer, provide the receiving stream into which the storm sewer discharges and complete Part D Item 18.

Part D, Item 18: If the outfall discharges to a storm sewer, please provide the name of the owner of the storm sewer. EXAMPLE: "City of Muncie Department of Public Works" or "LaPorte Municipal Storm Sewer System".

APPENDIX A: SUPPLEMENTAL INSTRUCTIONS *(continued)*

Part E, Item 20: All parameter levels must be reported as concentration and as total mass (except for discharge flow, pH, and temperature). Total mass is the total weight of parameters discharged over a day. Use the following abbreviations for units:

Concentration	Mass
ppm.....parts per million	lbs.....pounds
mg/l.....milligrams per liter	ton.....tons (English tons)
ppb.....parts per billion	mg.....milligrams
ug/l.....micrograms per liter	g.....grams
kg.....kilograms	T.....tonnes (metric tons)
ng/l.....nanograms per liter	

You are required to provide at least one (1) analysis for each parameter listed that is known or believed to be present by filling in the requested information under the applicable column. Data reported must be representative of the facility's proposed or current operation. Parameters not believed to be present should be marked as such.

The analysis of the listed parameters must be done in accordance with test methods that are sufficiently sensitive as defined at 40 CFR 122.21(e)(3). Grab samples must be used for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, *E. coli,* and volatile organic compounds. For all other parameters, a 24-hour composite sample, using a minimum of four (4) grab samples, must be used unless specified otherwise at 40 CFR 136. However, a minimum of one (1) grab sample may be taken for effluents from holding ponds or other impoundments with a retention period greater than 24 hours. Any further questions on sampling or analysis should be directed to (317) 232-8704 or OWQWWPER@idem.IN.gov.

If analysis of the discharge is not possible (e.g. due to the facility not being built), you are required to provide an estimated maximum daily and average daily value for each parameter expected to be present in the discharge. The source of the estimates should be provided as a numerical code in the third column, "Source of Estimate," in the table of Appendix B. Please refer to the table below for the appropriate source of estimate code:

Engineering study Code

Actual data pilot plants	1
Estimates from other engineering studies	2
Data from other similar plants	3
Best professional estimates	4
Other	*Enter* "5" *and submit information on the source of estimate as an attachment to the NOI.*

The Commissioner may request that you do additional testing, if appropriate, on a case by case basis under Section 308 of the Clean Water Act (CWA).

Part F, Items 21 and 22: Water Treatment Additives may only be used at outfalls to be covered by this master general permit if the applicant has received approval from IDEM, as denoted in the Eligibility Requirements on Page 1 of the NOI form. For more information, please contact us at (317) 232-8704 or OWQWWPER@idem.IN.gov.

Part H, Item 26: Identification of Potentially Affected Persons

The Administrative Orders and Procedures Act (AOPA) IC 4-21.5-3-5(b), requires that IDEM give notice of its decision on your NOI to the following persons:

1) Each person to whom the decision is specifically directed;
2) Each person to whom a law requires notice to be given;
3) Each competitor who has applied to IDEM for a mutually exclusive license, if issuance is the subject of the decision and the competitor's application has not been denied in an order for which all rights to judicial review have been waived or exhausted;
4) Each person who has provided IDEM with a written request for notification of the decision;
5) Each person who has a substantial and direct proprietary interest in the issuance of the (permit/variance);
6) Each person whose absence as a party in the proceeding concerning the (permit) decision would deny another party complete relief in the proceeding or who claims an interest related to the issuance of the (permit) and is so situated that the disposition of the matter, in the person's absence may:
   a) As a practical matter impair or impede the person's ability to protect that interest, or
   b) Leave any other person who is a party to a proceeding concerning the permit subject to a substantial risk of incurring multiple or otherwise an inconsistent obligation by reason of the person's claimed interest.

IC 4-21.5-3-5(f) provides that we may request your assistance in identifying these people.

Additionally, IC 13-15-3-1 requires IDEM to send notice that the permit application has been received by the department to the following:

a) The board of county commissioners of a county affected by the permit application and
b) The mayor of a city that is affected by the permit application, or
c) The president of a town council of a town affected by the permit application.

Please provide on the following form the names of those persons affected by these statutes, **and include mailing labels with your NOI.** These mailing labels should have the names and addresses of the affected parties **along with our mailing code (65-42PS) listed above each** affected party listing. Example: 65-42PS

John Doe
111 Circle Drive
City, State, ZIP Code

If known, please also provide the person's e-mail address to facilitate electronic distribution of notifications.

Part J, Item 28: 40 CFR 122.22 and 327 IAC 5-2-22 require that an application for an NPDES permit or an NOI for a general permit must be signed by a person who meets the definition of Responsible Official. This definition is explained in the instructions for Part B, Item 10 above.

APPENDIX B: EFFLUENT CHARACTERIZATION

As per the instructions in Part E of the NOI, the following table should be utilized to provide a characterization of the wastewater that is to be discharged under this permit. Sufficiently sensitive test methods, as defined at 40 CFR 122.21(e)(3), must be utilized in the analysis of any samples.

Provide measurements for the parameters listed in the left-hand column that are believed to be present based on the site characterization. You must use, or require your contract laboratory to use, an analytical method with a detection level low enough to provide a detectable value for the applicable parameter. Please provide the method used and detection limit achieved by the laboratory.

	Parameter	Believed Present (Yes/No)	(1) Maximum Daily Value *(include units)*		(2) Average Daily Value *(last year)* *(include units)*		(3) Estimated or Actual Data Results?	(3) Source of Estimate *(if new discharger)*	Analytical Method *(List method used and detection limit achieved in lab.)* Method	Analytical Method Detection Limit
			Mass	Concentration	Mass	Concentration				
Section 1. General Chemistry/Bacteriology										
1.1	Total suspended solids (TSS)									
1.2	Total dissolved sollids (TDS)									
1.3	Oil and grease									
1.4	Chloride (1688-70-6)									
1.5	Sulfate (as SO4) (14808-79-8)									
1.6	Hardness, Total (as $CaCO_3$)									
1.7	Bromide (24959-67-9)									
1.8	Fluoride (16984-48-8)									
1.9	Cyanide, free (57-12-5)									
1.10	Cyanide, total (57-12-5)									
1.11	Total residual chlorine									
1.12	*Escherichia coli* (*E. coli* units in count/100 ml)									
1.13	Discharge Flow		VALUE in MGD		VALUE IN MGD					
1.14	pH (s.u.)		MINIMUM		MAXIMUM					
1.15	Temperature (Winter)		Value in Degrees Fahrenheit		Value in Degrees Fahrenheit					
1.16	Temperature (Summer)		Value in Degrees Fahrenheit		Value in Degrees Fahrenheit					
Section 2. Nutrients										
2.1	Ammonia (as N)									
2.2	Nitrate-nitrite									
2.3	Biochemical oxygen demand (BOD_5)									

2.4	Chemical oxygen demand (COD)									
2.5	Total organic carbon (TOC)									
2.6	Phosphorus (as P), total (7723-14-0)									
Section 3. Metals										
3.1	Aluminum, total (7429-90-5)									
3.2	Antimony, total (7440-36-0)									
3.3	Arsenic, total (7440-38-2)									
3.4	Barium, total (7440-39-3)									
3.5	Beryllium, total (7440-41-7)									
3.6	Boron, total (7440-42-8)									
3.7	Cadmium, total (7440-43-9)									
3.8	Chromium, total (7440-47-3)									
3.9	Chromium, Hex. (dissolved) (18540-29-9)									
3.10	Cobalt, total (7440-48-4)									
3.11	Copper, total (7440-50-8)									
3.12	Lead, total (7439-92-1)									
3.13	Iron, total (7439-89-6)									
3.14	Lithium, total (7439-93-2)									
3.15	Manganese, total (7439-96-5)									
3.16	Mercury, total (7439-97-6) (Test Method 1631, Rev. E)									
3.17	Molybdenum, total (7439-98-7)									
3.18	Nickel, total (7440-02-0)									
3.19	Selenium, total (7782-49-2)									
3.20	Silver, total (7440-22-4)									
3.21	Thallium, total (7440-2-0)									
3.22	Vanadium (7440-62-2)									
3.23	Zinc, total (7440-66-6)									

Section 4. Polycyclic Aromatic Hydrocarbons (PAHs)										
4.1	Acenaphthene (83-32-9)									
4.2	Acenaphthylene (208-96-8)									
4.3	Anthracene (120-12-7)									
4.4	Benzo (a) anthracene (56-55-3)									
4.5	Benzo (a) pyrene (50-32-8)									
4.6	Benzo (b) fluoranthene (205-99-2)									
4.7	Benzo (ghi) perylene (191-24-2)									
4.8	Benzo (k) fluoranthene (207-08-9)									
4.9	Chrysene (218-01-9)									
4.10	Dibenzo (a,h) anthracene (53-70-3)									
4.11	Fluoranthene (206-44-0)									
4.12	Fluorene (86-73-7)									
4.13	Indeno (1,2,3-cd) pyrene (193-39-5)									
4.14	Naphthalene (91-20-3)									
4.15	Phenanthrene (85-01-8)									
4.16	Pyrene (129-00-0)									
Section 5. Volatile Organic Compounds (VOCs)										
5.1	Acrolein (107-02-8)									
5.2	Acrylonitrile (107-13-1)									
5.3	Benzene (71-43-2)									
5.4	Bromoform (75-25-2)									
5.5	Carbon tetrachloride (56-23-5)									
5.6	Chlorobenzene (108-90-7)									
5.7	Chlorodibromomethane (124-48-1)									
5.8	Chloroethane (75-00-3)									
5.9	2-chloroethylvinyl ether (110-75-8)									
5.10	Chloroform (67-66-3)									

5.11	1,2-cis-dichloroethylene (156-59-2)									
5.12	Dichlorobromomethane (75-27-4)									
5.13	1,1-dichloroethane (75-34-3)									
5.14	1,2-dichloroethane (107-06-2)									
5.15	1,1-dichloroethylene (75-35-4)									
5.16	1,2-dichloropropane (78-87-5)									
5.17	1,3-dichloropropylene (542-75-6)									
5.18	Ethylbenzene (100-41-4)									
5.19	Formaldehyde (5-00-0)									
5.20	Methyl bromide (74-83-9)									
5.21	Methyl chloride (74-87-3)									
5.22	Methylene chloride (75-09-2)									
5.23	1,1,2,2- tetrachloroethane (79-34-5)									
5.24	Tetrachloroethylene (127-18-4)									
5.25	Toluene (108-88-3)									
5.26	1,2-trans-dichloroethylene (156-60-5)									
5.27	1,1,1-trichloroethane (71-55-6)									
5.28	1,1,2-trichloroethane (79-00-5)									
5.29	Trichloroethylene (79-01-6)									
5.30	Vinyl chloride (75-01-4)									
5.31	Xylenes, total (1330-20-7)									
Section 6. Semi-Volatile Organic Compounds (SVOCs)										
6.1	Benzidine (92-87-5)									
6.2	Bis (2-chloroethoxy) methane (111-91-1)									
6.3	Bis (2-chloroethyl) ether (111-44-4)									
6.4	Bis (2-chloroisopropyl) ether (102-80-1)									
6.5	Bis (2-ethylhexyl) phthalate (117-81-7)									
6.6	4-bromophenyl phenyl ether (101-55-3)									

6.7	Butyl benzyl phthalate (85-68-7)									
6.8	2-chloronaphthalene (91-58-7)									
6.9	2-chlorophenol (95-57-8)									
6.10	4-chlorophenyl phenyl ether (7005-72-3)									
6.11	1,2-dichlorobenzene (95-50-1)									
6.12	1,3-dichlorobenzene (541-73-1)									
6.13	1,4-dichlorobenzene (106-46-7)									
6.14	3,3-dichlorobenzidine (91-94-1)									
6.15	2,4-dichlorophenol (120-83-2)									
6.16	Diethyl phthalate (84-66-2)									
6.17	2,4-dimethylphenol (105-67-9)									
6.18	Dimethyl phthalate (131-11-3)									
6.19	Di-n-butyl phthalate (84-74-2)									
6.20	4,6-dinitro-o-cresol (534-52-1)									
6.21	2,4-dinitrophenol (51-28-5)									
6.22	2,4-dinitrotoluene (121-14-2)									
6.23	2,6-dinitrotoluene (606-20-2)									
6.24	Di-n-octyl phthalate (117-84-0)									
6.25	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)									
6.26	Hexachlorobenzene (118-74-1)									
6.27	Hexachlorobutadiene (87-68-3)									
6.28	Hexachlorocyclopentadiene (77-47-4)									
6.29	Hexachloroethane (67-72-1)									
6.30	Isophorone (78-59-1)									
6.31	Nitrobenzene (98-95-3)									
6.32	N-nitrosodimethylamine (62-75-9)									
6.33	N-nitrosodi-n-propylamine (621-64-7)									
6.34	N-nitrosodiphenylamine (86-30-6)									

6.35	2-nitrophenol (88-75-5)									
6.36	4-nitrophenol (100-02-7)									
6.37	p-chloro-m-cresol (59-50-7)									
6.38	Pentachlorophenol (87-86-5)									
6.39	Phenol (108-95-2)									
6.40	Phenols, total									
6.41	1,2,4-trichlorobenzene (120-82-1)									
6.42	2,4,6-trichlorophenol (88-05-2)									
Section 7. Pesticides										
7.1	Aldrin (309-00-2)									
7.2	α-BHC (319-84-6)									
7.3	β-BHC (319-85-7)									
7.4	γ-BHC (Lindane) (58-89-9)									
7.5	δ-BHC (319-86-8)									
7.6	Chlordane (57-74-9)									
7.7	4,4'-DDT (50-29-3)									
7.8	4,4'-DDE (72-55-9)									
7.9	4,4'-DDD (72-54-8)									
7.10	Dieldrin (60-57-1)									
7.11	α-endosulfan (115-29-7)									
7.12	β-endosulfan (115-29-7)									
7.13	Endosulfan sulfate (1031-07-8)									
7.14	Endrin (72-20-8)									
7.15	Endrin aldehyde (7421-93-4)									
7.16	Heptachlor (76-44-8)									
7.17	Heptachlor epoxide (1024-57-3)									
7.18	Toxaphene (8001-35-2)									

Section 8. Polychlorinated Biphenyls (PCBs)										
8.1	PCB-1242 (Arochlor 1242) (53469-21-9)									
8.2	PCB-1254 (Arochlor 1254) (11097-69-1)									
8.3	PCB-1221 (Arochlor 1221) (11104-28-2)									
8.4	PCB-1232 (Arochlor 1232) (11141-16-5)									
8.5	PCB-1248 (Arochlor 1248) (12672-29-6)									
8.6	PCB-1260 (Arochlor 1260) (11096-82-5)									
8.7	PCB-1016 (Arochlor 1016) (12674-11-2)									
Section 9. Radioactivity										
9.1	Alpha, total (pCi/L)									
9.2	Beta, total (pCi/L)									
9.3	Radium, total (pCi/L)									
9.4	Radium 226, total (pCi/L)									
Section 10. Other										
10.1	Asbestos (fibers/liter) (1332-21-4)									

[1] A one-time sample of Coal Combustion Residual (CCR)-related 126 priority pollutants is required to be submitted for ash ponds.

APPENDIX C: WATER TREATMENT ADDITIVE APPLICATION

INTRODUCTION

All dischargers are required to disclose information on the water treatment additives in use and to demonstrate that such additives will not be harmful to aquatic life.

To assure that all discharges from treatment systems using water treatment chemicals meet Indiana Water Quality Standards, the following information must be submitted to IDEM, Office of Water Quality, Permits Administration Section when applying for a new or renewal NPDES permit or permit modification. During the preparation of the NPDES permit or modification, this information may be used to establish permit limitations which comply with all Indiana Water Quality Standards. Additionally, if a permittee changes water treatment additives during the term of their NPDES permit, the following information must be submitted to the Permits Administration Section, and approval of the change must be received prior to use of the new product(s).

The information required by this form must be submitted for each additive submitted for review. Some of this information may come from the Material Safety Data Sheet (MSDS) for the additive and should be included with this application. It should also be noted that biomonitoring of the effluent for the affected outfall(s) may be required. Please provide the following information for each additive.

PART A: GENERAL INFORMATION

1. Name of authorized official *(first, last)*

2. Name of facility

3. Mailing address *(number and street or PO box)*

City	State	ZIP code
Cayuga	IN	47928

CONTACT PERSON

4. Name of primary contact person *(first, last)*

5. Telephone number	**6.** E-mail address *(optional)*

FACILITY

7. Facility address *(number and street)*

City	State	ZIP code	County
Cayuga	IN	47928	

8. Telephone number	**9.** E-mail address *(optional)*

10. NPDES Permit Number *(if facility has an existing permit)*

(Continued on next page.)

PART B: ADDITIVE DETAILS

11. Name of water treatment additive ☐ New ☐ Previously Approved

12. Chemical composition of the water treatment additive[1]

13. What is the feed or dosage rate in grams / twenty-four (24) hour period? *(This may be provided in fluid ounces.)*

14. If more than one Outfall is covered by this permit, which Outfall does the use of this water treatment additive affect?

15. Name any ingredient(s) that may be present and may cause toxicity at the proposed Outfall. If known, provide the discharge concentration of the ingredients *(mg/l)*.

16. Provide the location where the additive is put into use.[2]

17. Provide the duration of use for the additive *(hours per day and days per year)*.

_____ hours / day _____ days / year

PART C: ADDITIVE CONCENTRATION

18. Concentration (mg/l) of the water treatment additive used in the treatment system

19. The concentration (mg/l) of the water treatment additive used in the final discharge *(if known)*

20. Discharge concentration of the water treatment additive *(mg/l)*

21. Please explain how the final discharge concentration stated for item # 20 was determined.[2]

22. Provide a description and method used to control the use of the water treatment additive. What are the procedures on how to maintain this concentration within the system?[2]

(Continued on next page.)

[1] Proprietary information may be submitted separately by the manufacturer or distributor and will be kept confidential.

[2] If necessary, this information may be provided on supplementary attachments.

PART D: SYSTEM AND DISCHARGE DETAILS

23. Provide the hardness of the discharge water.

24. The temperature of the treatment system using the water treatment additive *(Specify ºF or ºC.)* ☐ °F ☐ °C

25. The Blowdown Rate *(MGD)* from the treatment system using the water treatment additive

26. The average flow *(MGD)* of all waste streams being discharged through the affected Outfall

27. The pH of the treatment system using the water treatment additive

PART E: CHEMICAL PROPERTIES / TOXICITY DATA

+ For determining safe concentrations of the water treatment additives, the following information should also be submitted or addressed. Submit the supporting documentation (i.e., Material Safety Data Sheets) as attachments to this application.

28. Toxicity (LC_{50}) of the additive[3]

29. Test species[4]

30. Please explain, or provide attachments to explain, the relation of toxicity to pH.

31. Please explain, or provide attachments to explain the relationship of toxicity to water hardness.

(Continued on next page.)

[3] As determined by ninety-six (96) hour flow through bioassays for fish (preferably fathead minnow *(Pimephales promelas)* or bluegill *(Lepomis macrochirus)* for warmwater species or rainbow trout *(Salmo gairdneri)* for coldwater species) and a forty-eight (48) hour static renewal for invertebrates (preferably of the genera Daphnia or Ceriodaphnia). Testing procedures to determine LC50 values should follow U.S. EPA Guidelines. Static bioassays are acceptable only if the treatment chemical is persistent. The test temperature should be maintained at 20º Celsius (68º Fahrenheit) for coldwater species and at 30º Celsius (86º Fahrenheit) for warmwater species (higher test temperatures are chosen in order to simulate worst case conditions. Lower test temperatures may be used only if the thermal tolerance of the chosen representative aquatic species is below the recommended test temperatures).

[4] The test species selected should be characteristic of the more sensitive representative aquatic species in the receiving stream.

PART E: CHEMICAL PROPERTIES/TOXICITY DATA *(continued)*

+ Product persistence in the environment and N Octanol-Water Partition Coefficient and Bioconcentration Factor (BCF) *(if available)*.

32. Provide the decay rate of the product, if known. This should be stated at a pH level within ½ pH standard unit within the handling system.[5] *(Please provide copies of the sources of this data as attachments to this application.)*

33. Provide any additional information or attach any additional documentation to help in evaluating the use of this water treatment additive.

PART F: SIGNATURE

This information will be reviewed and permission to use the water treatment additive may be granted either by letter, permit limitations, or permit modification, if the discharger has supplied the requested product information and toxicity data that will enable IDEM to establish permissible concentrations in each individual case. If the initial information is not sufficient to allow for the establishment of a safe concentration, additional information will be requested.

Proprietary information regarding the chemical composition of any water treatment additive will be kept confidential in accordance with the terms of 327 IAC 12.1. Claims of confidentiality must be made at the time of submittal; the information must be properly marked, segregated and secured at the time of submittal; and the person or company requesting confidentiality must provide justification as to why the information meets the criteria for it to be maintained as a trade secret, privileged information or confidential in accordance with 327 IAC 12.1

This application should include the following and must be signed by a person in responsible charge to be valid. This signature attests to the following:

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

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-15-7-1(3), that the statements and representations in this ***NOI*** *are true, accurate, and complete.*

_____ _____

(Printed Name) (Title)

_____ _____

(Signature) (Date Signed) *(mm/dd/yyyy)*

Part B, Delegation of Authority

Cayuga Combined Cycle Project
ING420000 Temporary Discharges of Wastewater General NPDES Permit

Delegation of Authority

I, Dan Rocole, hereby designate the person or specifically described position(s) below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements associated with the ING420000 Temporary Discharges of Wastewater General NPDES Permit, at the Cayuga Combined Cycle Project.

In accordance with 40 CFR 122.22, the designee(s) are authorized to sign all reports required by the Permit and other information requested by the Indiana Department of Environmental Management, or by an authorized representative of the Dept.

Name of Person(s) or Position(s): Project Manager, Project Engineer
Project Env. Manager, Construction Manager

Owner/Operator: Kiewit Power Constructors

Mailing Address: 3300 IN 63, Cayuga, IN 47928

City, State, Zip Code: Cayuga, IN 47928

Phone Number: TBD

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 40 CFR 122.22, and that the designees above meet the definition of a "duly authorized representatives" as set forth in 40 CFR 122.22.

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: Dan Rocole

Title: President

Signature: Dan P Rocole

Date: 4/2/26

Part E, Analytical Report for source water sampled March 12, 2026

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

March 16, 2026

Ryan Kost
Cardno-Stantec Indianapolis
3901 Industrial Boulevard
Indianapolis, IN 46254

RE: Project: Cayuga CC
Pace Project No.: 50426446

Dear Ryan Kost:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2026. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
(317)228-3120
Project Manager

Enclosures
cc:

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Cayuga CC
Pace Project No.: 50426446

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Indiana Drinking Water Laboratory #: C-49-06
Kentucky UST Agency Interest #: 80226
Louisiana Certification #: 04076
Oklahoma Laboratory #: 9204
Wisconsin Laboratory #: 999788130
Illinois Accreditation #: 200074
Kansas/TNI Certification #: E-10177
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Texas Certification #: T104704355
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 02:03 PM

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Cayuga CC
Pace Project No.: 50426446

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50426446001	**20260312CC1**	Water	03/12/26 08:47	03/12/26 12:02
50426446002	**20260312CC2**	Water	03/12/26 09:05	03/12/26 12:02
50426446003	**FIELD BLANK**	Water	03/12/26 08:47	03/12/26 12:02

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Cayuga CC
Pace Project No.: 50426446

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50426446001	**20260312CC1**	EPA 1631E	ABH	1
		EPA 300.0	GLT	2
		EPA 200.7	NWB	2
		EPA 200.8	CAW	3
		SM 2320B	ATS	1
		SM 2540C	LJR	1
		SM 2540D	LJR	1
		EPA 350.1	ZM	1
		SM 5310C	MTW	1
50426446002	**20260312CC2**	EPA 1631E	ABH	1
		EPA 300.0	GLT	2
		EPA 200.7	NWB	2
		EPA 200.8	CAW	3
		SM 2320B	ATS	1
		SM 2540C	LJR	1
		SM 2540D	LJR	1
		EPA 350.1	ZM	1
		SM 5310C	MTW	1
50426446003	**FIELD BLANK**	EPA 1631E	ABH	1

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Cayuga CC
Pace Project No.: 50426446

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50426446001	**20260312CC1**					
EPA 300.0	Chloride	14.5	mg/L	0.25	03/15/26 01:52	
EPA 300.0	Sulfate	38.8	mg/L	0.25	03/15/26 01:52	
EPA 200.7	Total Hardness by 2340B	390000	ug/L	10000	03/14/26 13:54	
EPA 200.8	Chromium	0.46J	ug/L	2.0	03/13/26 17:30	
EPA 200.8	Manganese	3.6	ug/L	1.0	03/13/26 17:30	
EPA 200.8	Zinc	5.9	ug/L	3.0	03/13/26 17:30	
SM 2320B	Alkalinity, Total as CaCO3	318	mg/L	10.0	03/13/26 15:29	
SM 2540C	Total Dissolved Solids	409	mg/L	10.0	03/13/26 11:11	
SM 5310C	Total Organic Carbon	0.67J	mg/L	1.0	03/14/26 13:37	
50426446002	**20260312CC2**					
EPA 300.0	Chloride	14.1	mg/L	0.25	03/15/26 05:21	
EPA 300.0	Sulfate	45.5	mg/L	0.25	03/15/26 05:21	
EPA 200.7	Total Hardness by 2340B	395000	ug/L	10000	03/14/26 13:56	
EPA 200.8	Chromium	0.44J	ug/L	2.0	03/13/26 17:33	
EPA 200.8	Manganese	2.6	ug/L	1.0	03/13/26 17:33	
EPA 200.8	Zinc	4.5	ug/L	3.0	03/13/26 17:33	
SM 2320B	Alkalinity, Total as CaCO3	310	mg/L	10.0	03/13/26 15:29	
SM 2540C	Total Dissolved Solids	422	mg/L	10.0	03/13/26 11:11	
SM 5310C	Total Organic Carbon	0.85J	mg/L	1.0	03/14/26 14:09	

REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 02:03 PM

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **EPA 1631E**
Description: 1631E Mercury, Low Level
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
3 samples were analyzed for EPA 1631E by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 1631E with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Extracted Internal Standards:
All extracted internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **EPA 300.0**
Description: 300.0 IC Anions 28 Days
Client: Stantec IN_Duke Energy
Date: March 16, 2026

5

General Information:
2 samples were analyzed for EPA 300.0 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Extracted Internal Standards:
All extracted internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **EPA 200.7**
Description: 200.7 Metals, Total
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for EPA 200.7 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 200.7 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **EPA 200.8**
Description: 200.8 Metals, Total ICPMS
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for EPA 200.8 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 200.8 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **SM 2320B**
Description: 2320B Alkalinity
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for SM 2320B by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Information:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for SM 2540C by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Information:

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **SM 2540D**
Description: 2540D Total Suspended Solids
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for SM 2540D by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Information:
Analyte Comments:

QC Batch: 888447
PK: Sample volume was decreased because complete filtration was not achieved within the maximum method-specified timeframe.
- DUP (Lab ID: 4071027)
  - Total Suspended Solids

PP: The mass of dried residue obtained did not meet the test method requirements based on volume used.
- DUP (Lab ID: 4071027)
  - Total Suspended Solids

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **EPA 350.1**
Description: 350.1 Ammonia
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for EPA 350.1 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

PROJECT NARRATIVE

Project: Cayuga CC
Pace Project No.: 50426446

Method: **SM 5310C**
Description: 5310C TOC
Client: Stantec IN_Duke Energy
Date: March 16, 2026

General Information:
2 samples were analyzed for SM 5310C by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Information:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Cayuga CC
Pace Project No.: 50426446

Sample: 20260312CC1 **Lab ID: 50426446001** Collected: 03/12/26 08:47 Received: 03/12/26 12:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E Pace Analytical Services - Indianapolis								
Mercury	ND	ng/L	0.50	0.19	1	03/13/26 15:35	03/15/26 19:50	7439-97-6	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Pace Analytical Services - Indianapolis								
Chloride	**14.5**	mg/L	0.25	0.063	1		03/15/26 01:52	16887-00-6	
Sulfate	**38.8**	mg/L	0.25	0.14	1		03/15/26 01:52	14808-79-8	
200.7 Metals, Total	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Indianapolis								
Iron	ND	ug/L	100	53.2	1	03/13/26 09:38	03/14/26 13:54	7439-89-6	
Total Hardness by 2340B	**390000**	ug/L	10000	10000	1	03/13/26 09:38	03/14/26 13:54		
200.8 Metals, Total ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Indianapolis								
Chromium	**0.46J**	ug/L	2.0	0.17	1	03/13/26 08:36	03/13/26 17:30	7440-47-3	
Manganese	**3.6**	ug/L	1.0	0.20	1	03/13/26 08:36	03/13/26 17:30	7439-96-5	
Zinc	**5.9**	ug/L	3.0	1.6	1	03/13/26 08:36	03/13/26 17:30	7440-66-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**318**	mg/L	10.0	10.0	1		03/13/26 15:29		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**409**	mg/L	10.0	10.0	1		03/13/26 11:11		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Indianapolis								
Total Suspended Solids	ND	mg/L	2.5	2.5	1		03/14/26 11:50		
350.1 Ammonia	Analytical Method: EPA 350.1 Pace Analytical Services - Indianapolis								
Nitrogen, Ammonia	ND	mg/L	0.10	0.030	1		03/16/26 10:12	7664-41-7	
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Total Organic Carbon	**0.67J**	mg/L	1.0	0.30	1		03/14/26 13:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 02:03 PM

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Cayuga CC
Pace Project No.: 50426446

Sample: 20260312CC2 **Lab ID: 50426446002** Collected: 03/12/26 09:05 Received: 03/12/26 12:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E Pace Analytical Services - Indianapolis								
Mercury	ND	ng/L	0.50	0.19	1	03/13/26 15:35	03/15/26 19:58	7439-97-6	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Pace Analytical Services - Indianapolis								
Chloride	**14.1**	mg/L	0.25	0.063	1		03/15/26 05:21	16887-00-6	
Sulfate	**45.5**	mg/L	0.25	0.14	1		03/15/26 05:21	14808-79-8	
200.7 Metals, Total	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Indianapolis								
Iron	ND	ug/L	100	53.2	1	03/13/26 09:38	03/14/26 13:56	7439-89-6	
Total Hardness by 2340B	**395000**	ug/L	10000	10000	1	03/13/26 09:38	03/14/26 13:56		
200.8 Metals, Total ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Indianapolis								
Chromium	**0.44J**	ug/L	2.0	0.17	1	03/13/26 08:36	03/13/26 17:33	7440-47-3	
Manganese	**2.6**	ug/L	1.0	0.20	1	03/13/26 08:36	03/13/26 17:33	7439-96-5	
Zinc	**4.5**	ug/L	3.0	1.6	1	03/13/26 08:36	03/13/26 17:33	7440-66-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**310**	mg/L	10.0	10.0	1		03/13/26 15:29		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**422**	mg/L	10.0	10.0	1		03/13/26 11:11		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Indianapolis								
Total Suspended Solids	ND	mg/L	2.5	2.5	1		03/14/26 11:50		
350.1 Ammonia	Analytical Method: EPA 350.1 Pace Analytical Services - Indianapolis								
Nitrogen, Ammonia	ND	mg/L	0.10	0.030	1		03/16/26 10:20	7664-41-7	
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Total Organic Carbon	**0.85J**	mg/L	1.0	0.30	1		03/14/26 14:09	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Cayuga CC
Pace Project No.: 50426446

Sample: FIELD BLANK **Lab ID: 50426446003** Collected: 03/12/26 08:47 Received: 03/12/26 12:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E Pace Analytical Services - Indianapolis								
Mercury	ND	ng/L	0.50	0.19	1	03/13/26 15:35	03/15/26 17:43	7439-97-6	

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REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 02:03 PM

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 888403
QC Batch Method: EPA 1631E
Analysis Method: EPA 1631E
Analysis Description: 1631E Mercury
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002, 50426446003

METHOD BLANK: 4070477 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002, 50426446003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	0.19	03/15/26 17:36	

METHOD BLANK: 4070478 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002, 50426446003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	0.19	03/15/26 18:43	

METHOD BLANK: 4070479 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002, 50426446003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	0.19	03/15/26 19:43	

LABORATORY CONTROL SAMPLE: 4070480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ng/L	5	4.51	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4070481 4070482

Parameter	Units	92848663001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Mercury	ng/L	0.00412 ug/L	10	10	13.6	13.5	95	94	71-125	1	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4070483 4070484

Parameter	Units	92849090001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Mercury	ng/L	0.000754 ug/L	2.5	2.5	3.05	3.07	92	92	71-125	0	24	

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 888349
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4070270 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.063	03/14/26 17:10	
Sulfate	mg/L	ND	0.25	0.14	03/14/26 17:10	

LABORATORY CONTROL SAMPLE: 4070271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	91	90-110	
Sulfate	mg/L	5	4.7	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4070272 4070273

Parameter	Units	50426459001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloride	mg/L	36.5	25	25	60.6	60.6	96	96	80-120	0	15	
Sulfate	mg/L	111	50	50	159	159	97	97	80-120	0	15	

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 887732
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4067059 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	100	53.2	03/14/26 13:20	
Total Hardness by 2340B	ug/L	ND	10000	10000	03/14/26 13:20	

LABORATORY CONTROL SAMPLE: 4067060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9870	99	85-115	
Total Hardness by 2340B	ug/L	66200	65800	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4067061 4067062

Parameter	Units	50426005001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Iron	ug/L	4880	10000	10000	14700	14900	99	100	70-130	1	20	
Total Hardness by 2340B	ug/L	314000	66200	66200	381000	381000	102	101	70-130	0	20	

MATRIX SPIKE SAMPLE: 4070070

Parameter	Units	50426446002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	ND	10000	10100	101	70-130	
Total Hardness by 2340B	ug/L	395000	66200	472000	116	70-130	

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 888267
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4069934 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium	ug/L	ND	2.0	0.17	03/13/26 17:22	
Manganese	ug/L	ND	1.0	0.20	03/13/26 17:22	
Zinc	ug/L	ND	3.0	1.6	03/13/26 17:22	

LABORATORY CONTROL SAMPLE: 4069935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	40	43.1	108	85-115	
Manganese	ug/L	40	44.2	111	85-115	
Zinc	ug/L	40	45.1	113	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4069936 4069937

Parameter	Units	50426446002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chromium	ug/L	0.44J	40	40	41.9	42.5	104	105	70-130	1	20	
Manganese	ug/L	2.6	40	40	43.4	44.3	102	104	70-130	2	20	
Zinc	ug/L	4.5	40	40	41.1	42.1	92	94	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 888334
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4070170 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	03/13/26 15:29	

LABORATORY CONTROL SAMPLE: 4070171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	46.9	94	90-110	

SAMPLE DUPLICATE: 4070172

Parameter	Units	50426446001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	318	319	0	20	

SAMPLE DUPLICATE: 4070173

Parameter	Units	50426086001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	301	307	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch	888266	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4069930 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	03/13/26 11:01	

LABORATORY CONTROL SAMPLE: 4069931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	280	93	80-120	

SAMPLE DUPLICATE: 4069932

Parameter	Units	50426225004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	692	689	0	10	

SAMPLE DUPLICATE: 4069933

Parameter	Units	50426225005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	771	758	2	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch	888447	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4071025 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	2.5	03/14/26 11:47	

LABORATORY CONTROL SAMPLE: 4071026

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	97.0	97	80-120	

SAMPLE DUPLICATE: 4071027

Parameter	Units	50426440001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	12.8	ND		10	PK,PP

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch: 888554
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4071474 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.030	03/16/26 10:07	

LABORATORY CONTROL SAMPLE: 4071475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4071476 4071477

Parameter	Units	50426446001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	5	5	5.3	5.3	107	106	90-110	1	20	

MATRIX SPIKE SAMPLE: 4071478

Parameter	Units	50426316001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.90	5	6.2	105	90-110	

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QUALITY CONTROL DATA

Project: Cayuga CC
Pace Project No.: 50426446

QC Batch	888357	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50426446001, 50426446002

METHOD BLANK: 4070303 Matrix: Water

Associated Lab Samples: 50426446001, 50426446002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.43J	1.0	0.30	03/14/26 13:17	

LABORATORY CONTROL SAMPLE: 4070304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4070305 4070306

Parameter	Units	50426446001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.67J	10	10	10.2	10.5	95	99	80-120	3	15	

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REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 02:03 PM

Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

QUALIFIERS

Project: Cayuga CC
Pace Project No.: 50426446

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

PK	Sample volume was decreased because complete filtration was not achieved within the maximum method-specified timeframe.
PP	The mass of dried residue obtained did not meet the test method requirements based on volume used.

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Cayuga CC
Pace Project No.: 50426446

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50426446001	**20260312CC1**	EPA 1631E	888403	EPA 1631E	888494
50426446002	**20260312CC2**	EPA 1631E	888403	EPA 1631E	888494
50426446003	**FIELD BLANK**	EPA 1631E	888403	EPA 1631E	888494
50426446001	**20260312CC1**	EPA 300.0	888349		
50426446002	**20260312CC2**	EPA 300.0	888349		
50426446001	**20260312CC1**	EPA 200.7	887732	EPA 200.7	888457
50426446002	**20260312CC2**	EPA 200.7	887732	EPA 200.7	888457
50426446001	**20260312CC1**	EPA 200.8	888267	EPA 200.8	888343
50426446002	**20260312CC2**	EPA 200.8	888267	EPA 200.8	888343
50426446001	**20260312CC1**	SM 2320B	888334		
50426446002	**20260312CC2**	SM 2320B	888334		
50426446001	**20260312CC1**	SM 2540C	888266		
50426446002	**20260312CC2**	SM 2540C	888266		
50426446001	**20260312CC1**	SM 2540D	888447		
50426446002	**20260312CC2**	SM 2540D	888447		
50426446001	**20260312CC1**	EPA 350.1	888554		
50426446002	**20260312CC2**	EPA 350.1	888554		
50426446001	**20260312CC1**	SM 5310C	888357		
50426446002	**20260312CC2**	SM 5310C	888357		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50426446

50426446

Company Name:	Stantec IN_Duke Energy	Contact/Report To:	Ryan Kost
Street Address:	3901 Industrial Boulevard Indianapolis, IN 46254	Phone #:	317-981-4993
		E-Mail:	ryan.kost@stantec.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Cayuga CC	Invoice To:	Accounts Payable
		Invoice E-Mail:	stantec.accounts.payable.invoices@stantec.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other	DW PWSID # or WW Permit # as applicable:	
	Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 4 2 3 1 3 3

Identify Container Preservative Type***: 4 3 1 1 1 3 3

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	1631E Mercury, Low Level	200.7 Metals, Total; 200.8 Metals, Total ICPMS	2320B Alkalinity; 300.0 IC Anions 28 Days	2540C Total Dissolved Solids	2540D Total Suspended Solids	350.1 Ammonia	5310C-Total Organic Carbon	Sample Comment	Preservation non-conformance identified for sample.
20260312CC1		G			03/12/26	0847	7			X	X	X	X	X	X	X		
20260312CC2		G			03/12/26	0905	7			X	X	X	X	X	X	X		
FIELD BLANK	WT	G			03/12/26	0847	1			X								

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Kenneth Hunt**
AcctNum / Client ID:
Table #:
Profile / Template: **12779-4**
Prelog / Bottle Ord. ID: **EZ 3383134**

Additional Instructions from Pace®:

Collected By: (Printed Name) Ryan Kost / Lisa Oland
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	I	0.0	1.0	1.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Ryan Kost / Stantec	03/12/26 12:02	Pace	3/12/26 12:02	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents:
3/12/26 18:18 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H (I)

Cooler temp should be above freezing to 6°C

2A. **Cooler Temperature(s):** 1.9/1.9 | | | |

(Initial/Corrected) *RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)*

2B. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

3. **Packing Material:** (Bubble Bags) (Bubble Wrap) None Other: _____

4. **Ice Type:** (Wet) Blue None

5. **Courier:** FedEx UPS (Client) Pace NOW Jett Other

6. **Custody Seal on Cooler/Box Present:** Yes (No)

(If yes)Seals Intact: Yes No *Leave blank if no seals were present*

All discrepancies will be written out in the comments section below.

	Yes	No	N/A
7. USDA Regulated Soils? (ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or VA)			~
8. Short Hold Time Analysis (48 hours or less)?:		~	
9. Time 5035A TC placed in Freezer or Short Holds To Lab:	**Time:**		
10. Rush TAT Requested (4 days or less):		~	
11. Custody Signatures Present?	~		
12. Containers intact?	~		
13. Sample Label (IDs/Dates/Times) Match COC?: **Except TCs, which only require sample ID**	~		
14. All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	~		
15. Residual Chlorine **Present** (SVOC 625 Pest/PCB 608)			~
16. Residual Chlorine **Present** (Total/Amenable/Free Cyanide)			~
17. Headspace in **VOA Vials** (>6mm): See Containter Count form for details			~
18. Trip Blank Present?			~
19. Trip Blank Custody Seals?:			~
20. Extra labels on Terracore Vials? (**soils only**)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Only place a **PINK** dot on containers that are out of conformance **

	Jars			MeOH (only)	VIALS						AMBER GLASS							PLASTIC									OTHER						Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
				SBS																													Red	Yellow	Green	Black
				DI																															
COC Line Item	WGFU	WGKU	BG1U	R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1															1			1		1	1	1		1			1					WT	✓	✓		
2															↓			↓		↓	↓	↓		↓			↓					↓	↓	↓		
3																											↓					↓				
4																																				
5																																				
6																																				
7																																				
8																																				
9																																				
10																																				
11																																				
12																																				

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz unpreserved clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
WG2U	2oz unpreserved clear jar	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2B	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3R	250mL Plastic SO4/OH Buffer Field Filtered
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT2U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

10.1

10

Pace Container Order #3383134

kenneth.hunt@pacelabs.com

Addresses

Order By :

Company: Stantec IN_Duke Energy
Contact: Ryan Kost
Email: ryan.kost@stantec.com
Address: 3901 Industrial Boulevard
Address 2:
City: Indianapolis
State: IN Zip: 46254
Phone: 317-981-4993

Ship To :

Company: Hold for Client Pick Up
Contact:
Email:
Address:
Address 2:
City:
State: Zip:
Phone:

Return To:

Company: Indianapolis, IN (Pace Analytical
Contact: Kenneth Hunt
Email: kenneth.hunt@pacelabs.com
Address: 7726 Moller Road
Address 2:
City: Indianapolis
State: IN Zip: 46268
Phone: (317)228-3120

Info

Project Name: Cayuga CC
Due Date: 03/10/2026
Profile: 12779
Quote:
Project Manager: Hunt, Kenneth
Return Date:
Carrier: Client Pick Up
Location: IN

Return Shipping Labels

Return Label Type:
[ ] No Shipper
[ ] With Shipper

Bottle Labels

[ ] Blank
[X] Pre-Printed No Sample IDs
[ ] Pre-Printed With Sample IDs

Bottles

[ ] Boxed Cases
[ ] Individually Wrapped
[X] Grouped By Sample ID/Matrix

Trip Blanks

[ ] Include Trip Blanks

COC Options

[ ] Number of Blanks
[X] Pre-Printed 2

Misc

[ ] Sampling Instructions
[X] Custody Seal
[X] Temp. Blanks
[X] Coolers
[ ] Syringes
[ ] Extra Bubble Wrap
[ ] Short Hold/Rush Stickers
[X] DI Water LL Hg
[ ] USDA Regulated Soils
[ ] Dry Weight

# of Samp	Matrix	Analysis	Qty / Samp	Container	Total	# of QC	Lot #	Notes
2	WT	2540D Total Suspended Solids	1	1L plastic unpreserved	2			
1	WT	Subcontracted Outside Pace	4	125mL sterile plastic jar	4			Added supplies
2	WT	5310C TOC	1	250mL amber glass H2SO4	2			Added supplies
1	WT	DI Water for LL Mercury Field Blanks	1	250mL amber glass unpreserved + DI WATER	1		072523-02DET	DI Water for LL Hg Field Blank. Fill AG3U with DI Water and double bag.
3	WT	1631E Mercury, Low Level	1	250mL clear glass HCl	3		011926-02DFF	Double bag the bottles for LL Hg.
2	WT	350.1 Ammonia	1	250mL plastic H2SO4	2		010526-4EJA	
2	WT	200.7 Metals, Total; 200.8 Metals, Total ICPMS	1	250mL plastic HNO3	2		122925-2EJD	
2	WT	2540C Total Dissolved Solids	1	250mL plastic unpreserved	2		112425-2EJC	
2	WT	2320B Alkalinity; 300.0 IC Anions 28 Days	1	500mL plastic unpreserved	2		110325-2EGO	

Hazard Shipping Placard In Place : N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to ensure proper billing.

LAB USE:

Ship Date : 03/09/2026
Prepared By: mlb
Verified By: TRH2

CLIENT USE (Optional):

Date Rec'd:
Received By:

Sample Notes :

F-ALL-C-009-rev.00, 19Dec2016

50426446

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

March 16, 2026

Ryan Kost
Cardno-Stantec Indianapolis
3901 Industrial Boulevard
Indianapolis, IN 46254

RE: Project: Cayuga CC
Pace Project No.: 50426652

Dear Ryan Kost:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2026. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
(317)228-3120
Project Manager

Enclosures
cc:

Table of Contents

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Section 2: Chain of Custody 4
2.1: Chain of Custody 4
Section 3: Subcontract Report 5

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Cayuga CC
Pace Project No.: 50426652

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50426652001	**20260312 CC1**	Water	03/12/26 08:47	03/12/26 11:35
50426652002	**20260312 CC2**	Water	03/12/26 09:05	03/12/26 11:35

REPORT OF LABORATORY ANALYSIS

Date: 03/16/2026 03:12 PM

26058219

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

Pace Project: 50426652

Scan code for instructions

Company Name:	Pace Analytical	Contact/Report To:	Kenneth Hunt
Street Address:	3901 Industrial Boulevard Indianapolis, IN 46254	Phone #:	317-228-3120
		E-Mail:	kenneth.hunt@pacelabs.com
		Cc E-Mail:	
Customer Project #:	239001443/100	Invoice To:	Accounts Payable
Project Name:	Cayuga CC	Invoice E-Mail:	
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (If applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LT), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	Total Coliform Bacteria	E. coli bacteria	Sample Comment
20260312 CC1		G			03/12/26	0847	2			X	X	-001
20260312 CC2		G			03/12/26	0905	2			X	X	-002

Specify Container Size **: 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Lab Use Only

Proj. Mgr: Kenneth Hunt

AcctNum / Client ID:

Table #:

Profile / Template: 12779-1

Prelog / Bottle Ord. ID: EZ 3384994

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: (Printed Name) Ryan Kost/Lisa Oland

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
				2.6°C	

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RYAN KOST / STANTEC	3/12/26 1138		3/12/26 11:38
Relinquished by/Company: (Signature)	Date/Time: 1138	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

- CERTIFICATE OF ANALYSIS -

Disp. Code: E I

Report Date: *13-Mar-26 02:48 PM*

3

Client ID: PACE_ANALYTI

Pace Analytical
7726 Moller Road
Indianapolis, Indiana 46268

Attn: Kenneth Hunt

Phone: (317) 875-5894
FAX: (317) 872-6189

Our Lab #	26004219-001	**Your Sample ID:**	20260312 CC1
		Sample Composition:	Grab
Your Project #	239001443/100	**Collection Date:**	03/12/26 08:47
Your Project Name:	**Cayuga CC**	**Collected By:**	Client
Sample Type:	Water	**Receipt Date:**	03/12/26 11:38

Total Coliform, MPN

Analytical Method	Prep Method	Prep Date	By
SM 9221B			

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Coliform, MPN	< 1	MPN/100 mL		1		03/12/26 12:37	awilbanks

Escherichia coli, Colilert method

Analytical Method	Prep Method	Prep Date	By
SM 9223B			

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Escherichia coli	< 1	MPN/100 mL		1		03/12/26 12:37	awilbanks

ESG Laboratories
5940 WEST RAYMOND STREET
INDIANAPOLIS, INDIANA 46241

PHONE (317) 290-1471
FAX (317) 290-1670
www.ESGLaboratories.com

Our Lab #	26004219-002	**Your Sample ID:**	20260312 CC2
		Sample Composition:	Grab
Your Project #	239001443/100	**Collection Date:**	03/12/26 09:05
Your Project Name:	**Cayuga CC**	**Collected By:**	Client
Sample Type:	Water	**Receipt Date:**	03/12/26 11:38

3

Total Coliform, MPN

Analytical Method	Prep Method	Prep Date	By
SM 9221B			

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Coliform, MPN	< 1	MPN/100 mL		1		03/12/26 12:37	awilbanks

Escherichia coli, Colilert method

Analytical Method	Prep Method	Prep Date	By
SM 9223B			

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Escherichia coli	< 1	MPN/100 mL		1		03/12/26 12:37	awilbanks

Roy C. B

3/13/2026

Lab Manager **Date**

ESG Laboratories
5940 WEST RAYMOND STREET
INDIANAPOLIS, INDIANA 46241

PHONE (317) 290-1471
FAX (317) 290-1670
www.ESGLaboratories.com

26058219

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Pace Analytical	Contact/Report To:	Kenneth Hunt
Street Address:	3901 Industrial Boulevard Indianapolis, IN 46254	Phone #:	317-228-3120
		E-Mail:	kenneth.hunt@pacelabs.com
		Cc E-Mail:	
Customer Project #:	239001443/100	Invoice To:	Accounts Payable
Project Name:	Cayuga CC	Invoice E-Mail:	
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LT), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	Total Coliform Bacteria	E. coli bacteria
20260312 CC1		G			03/12/26	0847	2			X	X
20260312 CC2		G			03/12/26	0905	2			X	X

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Kenneth Hunt
AcctNum / Client ID:
Table #:
Profile / Template: 12779-1
Prelog / Bottle Ord. ID: EZ 3384994

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: (Printed Name) Ryan Kost/Lisa Oland

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
				2.6°C	

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RYAN KOST / STANTEC	3/12/26 1158		3/12/26 11:35
Relinquished by/Company: (Signature)	Date/Time: 1135	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

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ENV-FRM-CORQ-0019_v02_110123 ©

50426652

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Section 23, Proof of Publication

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Fax (812)231-4347

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8890 PENROSE LANE
LENEXA KS 66219

Start: 04/03/2026 Stop: 04/03/2026
Times Ord: 1 Times Run: ***
LEG 1.00 X 40.00 Words: 198
Total LEG 40.00
Class: 147 LEGALS
Rate: 6NGLE Cost: 223.52
Affidavits: 1

Contact:
Phone: (913)981-3309
Fax#:
Email: Quincy.vogel@kiewit.com
Agency:

Ad Descrpt: DUKE ENERGY CAYUGA COMBIN
Given by: *
P.O. #:
Created: jhen1 03/27/26 16:03
Last Changed: djame 04/01/26 09:24

COMMENTS:
Credit hold released via external payment entry by djame on 04/01/2026 at 09:24

PUB	ZONE	EDT	TP	RUN DATES
TSP	A	95	S	04/03
THOL	A	95	S	04/03

PAYMENTS:
-- 04/01/2026 223.52 MC **********1364 040268[694775112]

AUTHORIZATION

Under this agreement rates are subject to change with 30 days notice. In the event of a cancellation before schedule completion, I understand that the rate charged will be based upon the rate for the number of insertions used.

Name (print or type) Name (signature)

(CONTINUED ON NEXT PAGE)

TRIBUNE STAR
DEPT 1160
PO BOX 4268
HOUSTON TX 77210-4268
(812)231-4219
Fax (812)231-4347

ORDER CONFIRMATION (CONTINUED)

Salesperson: JENNIFER HENSLEY Printed at 04/03/26 09:27 by ltayl

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Acct #: 87042 Ad #: 314154 Status: New

Duke Energy Cayuga Combined Cycle Project (3092 North State Road 63, Cayuga, IN 47928) is submitting a Notice of Intent to notify the Indiana Department of Environmental Management (IDEM) of our intent to comply with the requirements under National Pollutant Discharge Elimination System (NPDES) master general permit ING420000 to discharge non-process wastewater on a temporary (no more than 364 consecutive calendar days) basis. This site will be executing hydrostatic testing of systems for the Project during the stated period using roughly 300,000 gallons of water in total. The water will be discharged in place and used as dust suppression across the Project Site. The ultimate disposition will return to groundwater.

Any person wishing further information about this discharge may contact Rizwan Jaffarullah at 913-335-4134. The decision to issue coverage under this NPDES master general permit for this discharge is appealable as per IC 13-15-6. Any person who wants to be informed of IDEM's decision regarding granting or denying coverage to this facility under this NPDES permit, and who wants to be informed of procedures to appeal the decision, may contact IDEM's offices at OWQWWPER@Idem.IN.gov to be placed on a mailing list to receive notification of IDEM's decision.
314154-T/S-4/3/2026

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314154-T/S-4/3/2026

AFFIDAVIT OF PUBLICATION

STATE OF INDIANA
County of Vigo City of Terre Haute

ISSUED:

The subscriber, being duly sworn, deposes and says that

he (she) is the said Leslie Mikolajczyk of TRIBUNE STAR

and that the foregoing notice for

DUKE ENERGY CAYUGA COMBIN

was published in said newspaper in one editions

of said newspaper issued between 04/03/2026 and 04/03/2026

Cost: 223.52

Ad #: 314154

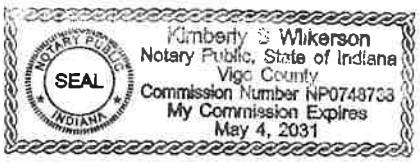
Leslie Mikolajczyk

SUBSCRIBED AND SWORN BEFORE ME THIS
3rd day of April, A.D. 2026

Kimberly S. Wilkerson

Kimberly S. Wilkerson

Notary Public Seal, State of Indiana



TRIBUNE STAR
DEPT 1160
PO BOX 4268
HOUSTON TX 77210-4268
(812)231-4219
Fax (812)231-4347

ORDER CONFIRMATION

Salesperson: JENNIFER HENSLEY — Printed at 04/03/26 09:28 by ltayl

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Acct #: 46094 — Ad #: 314144 — Status: New

COX, ZWERNER, GAMBILL & SULLIVAN LLP
511 WABASH AVE
TERRE HAUTE IN 47807

Start: 04/03/2026 — Stop: 04/03/2026
Times Ord: 1 — Times Run: ***
LEG 1.00 X 25.00 — Words: 127
Total LEG 25.00
Class: 147 LEGALS
Rate: 6NGLE — Cost: 139.70
Affidavits: 1

Contact:
Phone: (812)232-6003
Fax#:
Email: krobinson@coxlaw.net
Agency:

Ad Descrpt: NOTICE OF PUBLIC HEARING
Given by: *
P.O. #:
Created: jhen1 03/27/26 14:01
Last Changed: jhen1 03/27/26 14:03

PUB	ZONE	EDT	TP	RUN DATES
TSP	A	95	S	04/03
THOL	A	95	S	04/03

AUTHORIZATION

Under this agreement rates are subject to change with 30 days notice. In the event of a cancellation before schedule completion, I understand that the rate charged will be based upon the rate for the number of insertions used.

Name (print or type) _____ Name (signature) _____

.

Notice of Public Hearing

Notice is hereby given that on the 16th day of April, 2026, at 5:30 o'clock p.m. (Local Time, the Newport Chemical Depot Reuse Authority will meet at Cayuga Community Center at the Cayuga Fire Department Building, 103 S Logan St, Cayuga, IN 47928 for the purpose of conducting a public hearing regarding an amendment of the Reuse Plan to add two tracts of property to the Newport Chemical Depot Military Base Reuse Area and to consider such amendment. Written remonstrances against the proposed amendment may be filed at the time and place of the hearing. At the time and place fixed for said hearing the Reuse Authority will hear any person who has filed a written remonstrance.

Newport Chemical Depot
Reuse Authority
314144-T/S-4/3

Notice of Public Hearing

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Newport Chemical Depot

Reuse Authority

314144-T/S-4/3

AFFIDAVIT OF PUBLICATION

STATE OF INDIANA
County of Vigo

City of Terre Haute

ISSUED:

The subscriber, being duly sworn, deposes and says that

he (she) is the said Leslie Mikolajczyk of TRIBUNE STAR

and that the foregoing notice for

NOTICE OF PUBLIC HEARING

was published in said newspaper in one editions

of said newspaper issued between 04/03/2026 and 04/03/2026

Cost: 139.70

Ad #: 314144

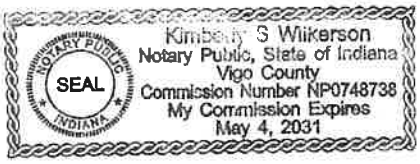
Leslie Mikolajczyk

SUBSCRIBED AND SWORN BEFORE ME THIS
3rd day of April, A.D. 2026

Kimberly S. Wilkerson

Kimberly S. Wilkerson

Notary Public Seal, State of Indiana



Section 25, Site Inquiry

25. SITE INQUIRY

1) Current and historic uses of the site;

The **Cayuga Combined Cycle Construction Project** is located at the Cayuga Generating Station (Cayuga Station), which is a coal-fired plant, commissioned in 1970, which is located on the Wabash River in Vermillion County, Vermillion Township, Indiana, in Township 17N, Range 9W, Section 15. Prior to coal fired generation, the property was farmland. The proposed area where hydrostatic test waters are proposed to be discharged is located northwest of the center of the facility on land previously undeveloped with land cover consisting of cultivated land with light mixed forested land.

2) Current uses of adjacent sites;

The area surrounding Cayuga Generating Station is mostly farmland with mixed industrial use. The Internation Paper Company plant is located south of Cayuga Station, Duke Energy's Vermillion Power Plant is located to the west, and the Wabash River sits along the northeastern boundary of the Site.

3) Probable hazardous substances that could reasonably be associated with the current or historic uses;

The proposed area where hydrostatic test waters are proposed to be discharged is located northwest of the center of the facility on land previously undeveloped with land cover consisting of cultivated land with light mixed forested land. There are no probable hazardous substances that could be reasonably associated with its current or historic uses.

For the Combined Cycle Construction Project, various chemicals will be used throughout construction to support electrical and mechanical installation and commissioning of the new Plant. The existing Cayuga Station contains anhydrous ammonia and fuel oil tanks which are located west of the cooling water discharge canal (NPDES Outfall 001). The existing Station also has a variety of water treatment additives stored on-site that have been approved by IDEM Office of Water Quality for use at the Facility.

4) Whether the site is considered contaminated by the IDEM, US EPA, or other parties;

The Combined Cycle has no known contaminants in the soil or groundwater immediately within the project boundaries. The existing Station has documented groundwater protection standard exceedances for lithium at wells surrounding the ash pond onsite monitored under the Federal CCR Rule and groundwater protection standard exceedances for antimony, boron, lithium, molybdenum, and selenium under IDEM's Office of Land Quality Solid Waste Program. There are no documented IDEM surface water quality standard exceedances in samples collected in the adjacent discharge canal as part of the groundwater monitoring events.

Groundwater seeps with elevated CCR-related constituent concentrations are addressed through an enforcement action (Agreed Order Case No. 2018- 25152-W). The Cayuga Station ash pond system closure has been completed in accordance with the IDEM approved Closure Plan. The west ash fill area is planned to be closed following Station retirement, pursuant to the Closure Plan. Based on the results of the routine monitoring that has been performed and continues to be performed in accordance with the Agreed Order and its Compliance Plan, twelve (12) of the seeps no longer exist or require quarterly monitoring.

5) Whether the site is currently subject to risk-based corrective action due to a known petroleum release from an underground storage tank; and

The site is not subject to RBCA due to a petroleum release from an underground storage tank (UST).

6) Any other relevant information.

Due to the geology onsite and the original construction of Cayuga Station's cooling water discharge canal, the groundwater impacted by the former plant operations is "separated" from the location of the collector well testing by the discharge canal and the Wabash River. Groundwater from the site flows overland by seeps (monitored under an Agreed Order) or within the relatively shallow overburden to the Wabash River. The groundwater produced during collector well testing will be water from the sand and gravel aquifer directly under the Wabash River that is unaffected by plant operations.

Part H, Identification of Potentially Affected Persons

PART H: IDENTIFICATION OF POTENTIALLY AFFECTED PERSONS

65-42PS
Kenneth A. Fortner
3216 East 200 North Road
Cayuga, IN 47928

65-42PS
KL & JW Farms, LLC
5925 W 1200 N
Kingman, IN 47952

65-42PS
Duke Energy Indiana, LLC
c/o Andy Leininger
3300 North State Road 63
Cayuga, IN 47928

65-42PS
Harold and Dawn E. Newnum
1287 W Newnum Road
Kingman, IN 47952-7023

65-42PS
James Guerrettaz
13 N Centre Parkway
Rockville, IN 47872-7995

65-42PS
Duke Energy
c/o Mark Foster
1000 East Main Street
Plainfield, IN 46168-1765

65-42PS
Vermillion County Board of Commissioners
255 S Main Street
Newport, IN 47966

65-42PS
Liberty Farmland INC
4242 L 7137 N. Tow Path Road
Kingman, IN 47952

65-42PS
Premier Boxboard Limited, LLC
P O Box 2118
Memphis, TN 38101

65-42PS
Duke Energy Indiana, LLC
c/o Kurt Hopkins
3300 North State Road 63
Cayuga, IN 47928