



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

April 5, 2024

VIA ELECTRONIC MAIL: JTrypus@citizensenergygroup.com

Mr. John Trypus, Director,
Underground Engineering & Construction
CWA Authority, Inc.
2150 Dr. Martin Luther King, Jr. St.
Indianapolis, IN 46204

Dear Mr. Trypus:

Re: IDEM Approval of NPDES General Permit
Coverage # ING420035
Pleasant Run CCS PR07 Project / Ellenberger Park
5301 E. St. Clair St.
Indianapolis, IN
Marion County

Our office has received your Notice of Intent (NOI) submittal for the above-referenced facility. We are pleased to inform you that it is sufficient to comply with the NOI requirements for the NPDES General Permit ING420000 for temporary discharges of wastewater and that your project will be covered by this general permit.

According to your NOI, "this project is part of the DigIndy project to abate combined sewer overflows (CSOs) and is part of the Pleasant Run Tunnel System. Specifically, this portion of the project entails constructing consolidation sewers that will capture CSOs and transport them to the drop shaft located in the southeast corner of Ellenberger Park. Dewatering of a limited area necessary to install consolidation sewers and associated structures using open-cut construction methods for a portion of the Pleasant Run Tunnel (is being done)".

The **effective date of your permit coverage is deemed April 1, 2024**, from which time you are required to follow all of the terms and conditions of ING420000 and this approval letter. Please note that **the expiration date for this general permit coverage is March 30, 2025**. Please note that this is a one-time discharge authorization, which cannot be renewed. The coverage may be modified during its term, however the term may not be extended beyond 364 days from the original effective date of coverage. If a longer discharge authorization is needed, it will be necessary to submit an individual NPDES permit application.

The NPDES general permit coverage number assigned to this facility is referenced above. This number shall be used as an identification number and should be included on 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.

The NPDES general permit, Notice of Intent, and fact sheet for ING420000 may be found on IDEM's website at <https://www.in.gov/idem/cleanwater/resources/permits-on-notice/>. If necessary, you may 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. You are required to submit both federal discharge monitoring reports (DMRs) and state Monthly Monitoring Reports (MMRs) on a routine basis. The MMR form can be found on IDEM's website at <https://www.in.gov/idem/cleanwater/wastewater-compliance/wastewater-reporting-forms-notices-and-instructions/>. Once you are on this page, select the "IDEM Forms" page and locate the "Monthly Monitoring Report (MMR) for Industrial Discharge Permits-30530" under the Wastewater Facilities heading. We recommend selecting the "XLS" version because it will complete all of the calculations when you enter the data.

All NPDES permit holders are required to submit their monitoring data to IDEM using NetDMR. Please contact Helen Demmings at (317) 232-8815 for more information on NetDMR. Information is also available on our website at <https://www.in.gov/idem/cleanwater/resources/netdmr/>.

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 Environmental Adjudication (OEA) 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 Environmental Adjudication
Indiana Government Center North
Room 103
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 Office of Environmental Adjudication 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 Office of Environmental Adjudication.

Please direct any questions to Ms. C. Anne Burget of my staff at (317) 234-8745 or via email at cburget@idem.IN.gov.

Sincerely,

Catherine Hess

Catherine Hess, Chief
Permits Administration Section
Office of Water Quality

Attachments

cc: Cheryl Carlson, Citizens Energy Group (CCarlson@citizensenergygroup.com)

ATTACHMENT 1

PLEASANT RUN CCS PR07 PROJECT AT ELLENBERGER PARK

NPDES GENERAL PERMIT APPROVAL # ING420035

EFFECTIVE DATE : APRIL 1, 2024

AUTHORIZED OUTFALLS

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

| OUTFALL | LATITUDE | LONGITUDE | RECEIVING WATER |
|---------|----------------|---------------|--------------------|
| 001 | 39° 41' 31.85" | -86° 4' 39.9" | PLEASANT RUN CREEK |

Attachment 2 - Discharge Limitations

Table 1

| | Quantity or Loading | | | Quality or Concentration | | | Monitoring Requirements | |
|----------------------------|---------------------|---------------|-------|--------------------------|---------------|-------|-------------------------|--------------------------|
| | Monthly average | Daily maximum | Units | Monthly average | Daily maximum | Units | Measurement frequency | Sample type |
| Flow [1][2] | Report | Report | MGD | ---- | ---- | ---- | Daily | Instantaneous |
| Total Flow [2] | ---- | Report | Mgal | ---- | ---- | ---- | 1 x Monthly | Cumulative monthly total |
| Iron, Total [2] | | | | Report | Report | mg/l | 1 x Weekly | Grab |
| Oil & Grease [2] | ---- | ---- | ---- | 10 | 15 | mg/l | 1 x Weekly | Grab |
| Barium [2] | | | | Report | Report | mg/l | 1 x Weekly | Grab |
| Total Suspended Solids [2] | | | | 30 | 45 | mg/l | 1 x Weekly | Grab |
| Arsenic [2] | | | | Report | Report | µg/l | 1 x Weekly | Grab |
| Lead, Total [2] | | | | Report | Report | µg/l | 1 x Weekly | Grab |

Table 2

| Parameter | Quality or Concentration | | Units | Monitoring Requirements | |
|-----------|--------------------------|---------------|-------|-------------------------|-------------|
| | Daily minimum | Daily maximum | | Measurement frequency | Sample type |
| pH [2] | 6.0 | 9.0 | s.u. | Daily | Grab |

[1] Monitoring and reporting of effluent flow is required; flow volume may be estimated.

[2] Samples and measurements taken as required shall be representative of the volume and nature of the monitored discharge. Samples taken in compliance with the monitoring requirements in this section 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.

**STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

PUBLIC NOTICE NO. 20240405-ING420035-GP

DATE OF NOTICE: April 5, 2024

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

NEW GENERAL PERMIT COVERAGE UNDER ING420000

PLEASANT RUN CCS PR07 PROJECT – ELLENBERGER PARK, NPDES General Permit Coverage No. ING420035. The project is located at 5301 E. St. Clair St., Indianapolis, IN (MARION COUNTY). The applicant has requested permit coverage under NPDES General Permit ING420000 for temporary discharges associated with dewatering of the site to build consolidation sewers and associated structures. The project is part of the DigIndy project meant to abate combined sewer overflows. There will be one outfall to Pleasant Run Creek. General permit coverage is deemed effective April 1, 2024 and expires on March 30, 2025. For more information, please contact Ms. C. Anne Burget at (317) 234-8745 or cburget@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 Environmental Adjudication (OEA) 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 Office of Environmental Adjudication (OEA) 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. Addresses are:

Director
Office of Environmental Adjudication
Indiana Government Center North
Room N103
100 North Senate Avenue
Indianapolis, Indiana 46204

Commissioner
Indiana Department of Environmental Management
Indiana Government Center North
Room 1301
100 North Senate Avenue
Indianapolis, Indiana 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:

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, OEA 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, or orders disposing of the review of this action without intervening in the proceeding you must submit a written request to OEA at the address above.

If you have procedural or scheduling questions regarding your Petition for Administrative Review, please refer to OEA's website at <https://www.in.gov/oea/>.



**NOTICE OF INTENT (NOI) LETTER
FOR ING420000
TEMPORARY DISCHARGES
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

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 at least forty-five (45) days prior to the planned commencement of discharge.
- 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 6 and 7 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 contact us 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) direct discharges into waters that are designated as an Outstanding National Resource Water (ONRW) as defined at IC 13-11-2-149.5;
- b) discharges to a receiving stream when the discharge results in an increase in the ambient concentration of a pollutant which contributes to the impairment of the receiving stream for that pollutant 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 supply 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)
- f) discharges of storm water runoff associated with construction activity (regulated under 327 IAC 15-5 or 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 that are discharged 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 pollutants classified as bioaccumulative chemicals of concern (BCCs);
- p) discharges for which the Commissioner requests an individual NPDES permit application; and
- q) discharges of wastewater already regulated under another NPDES permit.

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

| APPLICATION TYPE AND INFORMATION | | | |
|---|--|--|---|
| <input checked="" type="checkbox"/> NEW | ANTICIPATED DATE OF COMMENCEMENT OF DISCHARGE (month, day, year) | ESTIMATED DURATION (IN DAYS) OF DISCHARGE (MUST NOT EXCEED 364 DAYS) | DESCRIPTION OF PROPOSED MODIFICATION, IF APPLICABLE |
| <input type="checkbox"/> MODIFICATION | 3/25/2024 | 364 | |

| PART A: GENERAL INFORMATION FOR FACILITY | | | | | |
|--|-------|----------|---|-------|----------|
| 1. FACILITY NAME (See Appendix A.) | | | | | |
| Pleasant Run CCS PR07 Project (Ellenberger Park) | | | | | |
| 2. FACILITY MAILING ADDRESS (See Appendix A.) | | | 3. FACILITY PHYSICAL LOCATION (See Appendix A.) | | |
| STREET ADDRESS (number and street) | | | STREET ADDRESS (number and street) | | |
| 2020 N. Meridian St. | | | 5301 E. St. Clair St. | | |
| CITY | STATE | ZIP CODE | CITY | STATE | ZIP CODE |
| Indianapolis | IN | 46204 | Indianapolis | IN | 46219 |

| | | | | | | | | | |
|--|--|--|---|-----------|---------------|--------------------|---------------|-------------|--|
| 4. PARENT COMPANY/OWNER'S COMPLETE MAILING ADDRESS (See Appendix A.) | | | 5. FACILITY CODES (See Appendix A.) SIC Code NAICS Code | | | 6. FACILITY COUNTY | | | |
| COMPANY NAME CWA Authority, Inc. | | | 1629 | | 237110 | | Marion | | |
| STREET ADDRESS (number and street) 2020 N. Meridian St. | | | 7. LATITUDE AND LONGITUDE OF CENTER OF FACILITY SITE (See Appendix A.) | | | | | | |
| | | | Latitude | | | Longitude | | | |
| | | | degree | minute | second | degree | minute | second | |
| CITY STATE ZIP CODE Indianapolis IN 46204 | | | 39 | 46 | 31.8 | 86 | 04 | 35.8 | |
| 8. What is the nature of the primary business conducted at the facility or site? (Example: new construction of a small business building) Site is part of the DigIndy project to abate Combined Sewer Overflows. This is part of the Pleasant Run Tunnel system. Specifically this portion of the project entails constructing consolidation sewers that will capture combined sewer overflows and transport them to the drop shaft located in the southeast corner of Ellenberger Park. | | | | | | | | | |
| 9. Provide a brief description of the facility operations that result in the discharge. (Example: dewatering of limited area necessary to construct foundation for building) Dewatering of a limited area necessary to install consolidation sewers and associated structures using open-cut construction methods for a portion of the Pleasant Run Tunnel. Limited monitoring of groundwater indicates the potential for anthropogenic constituents in the upper aquifer. No anthropogenic constituents have been found in the lower aquifer. Both aquifers will be dewatered simultaneously to facilitate construction. | | | | | | | | | |

| | |
|--|---|
| PART B: CONTACT INFORMATION FOR RESPONSIBLE OFFICIAL (AUTHORIZED NOI SIGNATORY) | |
| Provide information regarding the <u>responsible official</u> 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 |
| John Trypus | Jeffrey Hansen |
| RESPONSIBLE OFFICIAL'S TITLE | DELEGATED SIGNATORY PERSON'S TITLE or POSITION |
| Director, Underground Engineering and Construction | Director, Wastewater Plant Operations |
| RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER | DELEGATED SIGNATORY PERSON'S TELEPHONE NUMBER |
| 317-429-3954 | 317-429-3923 |
| RESPONSIBLE OFFICIAL'S FACSIMILE NUMBER | DELEGATED SIGNATORY FACSIMILE NUMBER |
| same | same |
| RESPONSIBLE OFFICIAL'S PHYSICAL LOCATION ADDRESS | DELEGATED SIGNATORY'S PHYSICAL LOCATION ADDRESS |
| 2150 Dr. Martin L. King Jr. St., Indianapolis, 46204 | 2700 S. Belmont Ave., Indianapolis, 46217 |
| RESPONSIBLE OFFICIAL'S MAILING ADDRESS | DELEGATED SIGNATORY'S MAILING ADDRESS |
| 2020 N. Meridian St., Indianapolis, 46204 | 2020 N. Meridian St., Indianapolis, 46204 |
| RESPONSIBLE OFFICIAL'S E-MAIL ADDRESS | DELEGATED SIGNATORY PERSON'S E-MAIL ADDRESS |
| jtrypus@citizensenergygroup.com | jhansen@citizensenergygroup.com |

| | | | |
|---|--|---|---|
| PART C: OTHER CONTACT INFORMATION | | | |
| 12. DISCHARGE MONITORING REPORTS CONTACT AND MAILING INFORMATION | | CONTACT PERSON AND COMPANY NAME | |
| | | Cheryl Carlson, Citizens Energy Group | |
| CONTACT TELEPHONE NUMBER 317-429-3569 | | STREET ADDRESS (number and street) 2150 Dr. Martin L. King Jr. St., Indianapolis, 46204 | |
| CONTACT E-MAIL ADDRESS ccarlson@citizensenergygroup.com | | CITY Indianapolis | STATE ZIP CODE IN 46204 |
| 13. ANNUAL FEE AND FINANCIAL CONTACT AND BILLING ADDRESS | | CONTACT PERSON AND COMPANY NAME | |
| | | Cheryl Carlson, Citizens Energy Group | |
| CONTACT TELEPHONE NUMBER 317-429-3569 | | STREET ADDRESS (number and street) 2150 Dr. Martin L. King Jr. St., Indianapolis, 46204 | |
| CONTACT E-MAIL ADDRESS ccarlson@citizensenergygroup.com | | CITY Indianapolis | STATE ZIP CODE IN 46204 |

| | | | | |
|---|--|---|-------------|-------------------|
| 14. CONTRACTOR OR OPERATOR / CONTACT AND MAILING INFORMATION (as necessary) | | CONTACT PERSON AND COMPANY NAME | | |
| | | Chris Siebenaler, Project Engineer, F.A. Wilhelm Construction | | |
| CONTACT TELEPHONE NUMBER 317-448-2194 | | STREET ADDRESS (number and street) 3914 Prospect St. | | |
| CONTACT E-MAIL ADDRESS chrissiebenaler@fawilhelm.com | | CITY Indianapolis | STATE IN | ZIP CODE 46203 |

| PART D: OUTFALL INFORMATION | | | | | | | | | |
|--|--------------|-----|-------|---------------|------|------|--|---|--|
| Provide the following information for all outfalls / discharges to be covered by this general permit. You may attach additional sheets if necessary. | | | | | | | | | |
| 15. OUTFALL NUMBER | 16. LATITUDE | | | 17. LONGITUDE | | | 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 |
| | deg | min | sec. | deg. | min. | sec. | | | |
| 001 | 39 | 41 | 31.85 | 86 | 4 | 39.9 | Pleasant Run Creek | | 10-15 MGD (anticipated) |
| | | | | | | | | | |
| | | | | | | | | | |

| | |
|---|--|
| PART E: EFFLUENT CHARACTERIZATION | |
| 20. Representative samples of the water that is to be discharged must be analyzed for substances that could reasonably be expected to be present based on the results of the site inquiry. A table of contaminants based on types of common source sites with temporary discharges are provided in Appendix B, at the end of the NOI form. The applicant should: | |
| <ol style="list-style-type: none"> 1) determine which of them best applies to the site and discharge that is to be permitted; 2) copy that table as needed for each outfall/discharge to be covered by this general permit. 3) conduct the sampling and testing required by the table that fits the site; 4) fill out the table with the resulting data; and 5) submit the completed table with the completed and signed NOI document. | |

| 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 the Indiana Department of Environmental Management. You may attach additional sheets if necessary. (See Appendix C.) | |
| 21. OUTFALL NUMBER | 22. WATER TREATMENT ADDITIVES (WTAs) TO BE USED |
| | None to be used |
| | |
| | |

| | |
|---|--|
| 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: | |
| <p>(Supply facility name, address, address of the location of the discharging facility) "is submitting a Notice of Intent to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under National Pollutant Discharge Elimination System (NPDES) general permit ING420000 to discharge non-process wastewater on a temporary (less than 364 consecutive 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))."</p> <p>"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 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."</p> | |
| This publication must be in the newspaper for a minimum of one 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 location of the operation shown clearly and identified by name and by mark;
 - (B) the location of each numbered outfall shown clearly and identified by number and by mark;
 - (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 shown clearly and identified by name.
2. A site map must be submitted. The site map must show and identify the significant structures, including all piping, diked areas, all outfall and sampling locations, and any flow paths from piping to outfall on the property.
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 water travels through the site to the point where it is discharged. If multiple outfalls will follow essentially the same path, these outfalls may be included on one diagram.

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 the 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 should submit a copy of the site inquiry with this NOI The results of this inquiry will serve to determine what additional pollutants should be expected to be present in the wastewater to be discharged from the site. These pollutants 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 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: City of Indianapolis Department of Parks & Recreation | Name: |
| Street address (number and street): 200 E. Washington St. Suite T2301 | Street address (number and street): |
| City/State/ZIP Code: Indianapolis, IN 46204-3661 | City/State/ZIP Code: |
| E-mail address: IndyParksCS@indy.gov | E-mail address: |
| | |
| Name: | Name: |
| 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: | Name: |
| 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: | Name: |
| 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 H: IDENTIFICATION OF POTENTIALLY AFFECTED PERSONS (continued) | |
|---|-------------------------------------|
| Name: | Name: |
| 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: | Name: |
| 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: | Name: |
| 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: | Name: |
| 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

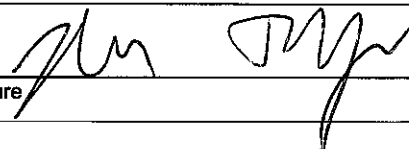
27. A \$50 fee is required to be submitted with this NOI in accordance with IC 13-18-20-12. The \$50 fee is applicable for each new permit and modification. (Updates to information in Parts B and C shall not be subject to the \$50 fee for modifications.) Checks or money orders shall be made payable to IDEM. Credit card payments are also acceptable. For more information, please contact IDEM's Accounting Dept at (317) 234-3099. Online payments can also be made via IDEM's website by visiting <https://www.in.gov/idem/6973.htm>.

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.

| | |
|--|--|
| <u>John Trypus</u> Printed or Typed Name of Responsible Official | <u>Director, Underground Engineering & Construction</u> Title |
|  Signature | <u>2/1/24</u> Date signed (month, day, year) |

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

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: Prior written approval from IDEM is required for any substance that is to be added to the water that is to be discharged. See Appendix C of this application which incorporates the requirements of State Form 50000 (the application for the use of Water Treatment Additives).

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 company that owns the site. This may be the name of the site itself but does not have to be. For example if "ABC Stone company" owns quarries at several locations, one of which this permit is being applied for, then "ABC Stone Company" and location of ABC Stone Company's signatory (see Part B, item, 10, below) would be listed here.

Part A, Item 5: Enter the four 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 NAICS Code, which is the six digit North American Industrial Classification System (NAICS) code, if known.

Part A, Item 7: The latitude and longitude of the approximate center of the facility site must be in the degrees/minutes/seconds format. 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: $1234 \times 0.006 = 7.404$
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: $404 \times 0.06 = 24.24$.
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 E, Item 15: Enter a three number designation for each point where you will discharge, for example, 001, 002, 003, etc.

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

Part E, Item 17: Enter the name of the waters of the state into which the discharges from each outfall will occur, as either the body of water itself, if the discharge is direct, or taking into account tributaries, if applicable. EXAMPLE: "Stone Creek", or "Connor Ditch to Stone Creek"; or "unnamed tributary to Connor Ditch".

Part E, Item 18: If the discharge first enters a storm sewer prior, which then carries it to waters of the state, then 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 to Connor Ditch".

APPENDIX A: SUPPLEMENTAL INSTRUCTIONS (continued)

Part E, items 20 and 21: All pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, and temperature). Total mass is the total weight of pollutants 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 | |

A. Existing Sources

You are required to provide at least one analysis for each pollutant or 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 present should be marked N/A.

The analysis of the listed pollutants or parameters must be done in accordance with procedures promulgated in 40 CFR Part 136. Grab samples must be used for pH, residual chlorine, and oil and grease. For all other pollutants a 24-hour composite samples must be used. Any further questions on sampling or analysis should be directed to (317) 232-8704 or OWQWWPER@idem.IN.gov.

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). If you expect a pollutant to be present solely as a result of its presence in your intake water, provide this information on a separate piece of paper attached to the NOI form.

B. New Dischargers

You are required to provide an estimated maximum daily and average daily value for each pollutant or parameter (exceptions noted on the form). Sampling and analysis are not required at this time. If, however, data from such analyses are available, then such data should be reported. The source of the estimates should be provided in the second column of item 22, for example, estimates based on available in-house or contractor's engineering reports or any other studies performed on the proposed facility. In providing the estimates, use the codes in the following table to indicate the source of such information.

Engineering study Code

| | |
|--|-----------------------------|
| Actual data pilot plants | 1 |
| Estimates from other engineering studies | 2 |
| Data from other similar plants | 3 |
| Best professional estimates | 4 |
| Others | <i>Specify on the form.</i> |

Part E, Item 22: Water Treatment Additives may only be used at outfalls to be covered by this 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 the Indiana Department of Environmental Management (IDEM) give notice of its decision on your Notice of Intent 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 the 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 the 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 must be utilized in the analysis of any samples.

A. Existing Sources – Provide measurements for the parameters listed in the left hand column. 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 pollutant of concern. Please provide the method used and detection limit achieved by the laboratory.
 B. New Dischargers – Provide estimates for the parameters listed in the left-hand column below. Instead of the number of measurements taken, provide the source of estimated value.

| | Waiver Requested | (1) Maximum Daily Value (include units) | | (2) Average Daily Value (last year) (include units) | | Estimated or Actual Data Results? | (3) Source of Estimate (if new discharger) | Analytical Method (List method used and detection limit achieved in lab.) | |
|---|------------------|---|---------------|---|---------------|-----------------------------------|--|---|-----------------|
| | | Mass | Concentration | Mass | Concentration | | | Method | Detection Limit |
| | | | | | | | | | |
| Biochemical Oxygen Demand (BOD ₅) | X | | | | | | | | |
| Total Suspended Solids (TSS) | X | | | | | | | | |
| Total Residual Chlorine | X | | | | | | | | |
| Oil and Grease | X | | | | | | | | |
| Ammonia (as N) | X | | | | | | | | |
| E. coli | X | | | | | | | | |
| Discharge Flow | | VALUE in MGD 10-15 | | VALUE IN MGD unknown | | Estimated | | | |
| pH (S.U.) | | MINIMUM 7.0 | | MAXIMUM 8.2 | | Estimated | Monitoring well data | SM4500 H+B | 0.1 |
| Temperature (Winter) | X | Value in Degrees Fahrenheit | | Value in Degrees Fahrenheit | | | | | |
| Temperature (Summer) | X | Value in Degrees Fahrenheit | | Value in Degrees Fahrenheit | | | | | |
| Lead | X | | | | | | | | |
| Cyanide, free | X | | | | | | | | |
| Cyanide, total | X | | | | | | | | |
| Antimony | X | | | | | | | | |
| Arsenic | X | | | | | | | | |
| Benzene | X | | | | | | | | |
| Beryllium | X | | | | | | | | |
| BTEX | X | | | | | | | | |
| Cadmium | X | | | | | | | | |
| Chloride | X | | | | | | | | |
| Chromium | X | | | | | | | | |

| | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Copper | X | | | | | | | | | | | | |
| Hardness | X | | | | | | | | | | | | |
| Mercury (Test Method 1631, Revision E) | X | | | | | | | | | | | | |
| Nickel | X | | | | | | | | | | | | |
| Selenium | X | | | | | | | | | | | | |
| Silver | X | | | | | | | | | | | | |
| Sulfate | X | | | | | | | | | | | | |
| Total Organic Carbon (TOC) | X | | | | | | | | | | | | |
| TVOC | X | | | | | | | | | | | | |
| Zinc | X | | | | | | | | | | | | |
| Coal Combustion Residual (CCR) [1] | X | | | | | | | | | | | | |
| Perchloroethylene (PERC) | X | | | | | | | | | | | | |
| Tetrachloroethene (TCE) | X | | | | | | | | | | | | |
| Cis-1,2-dichloroethene (cis-1,2-dichloroethylene, cis-1,2-DCE) | X | | | | | | | | | | | | |
| Trans-1,2-dichloroethene (trans-1,2-dichloroethylene, trans-1,2-DCE) | X | | | | | | | | | | | | |
| 1,1,1-trichloroethane (1,1,1-TCA) | X | | | | | | | | | | | | |
| 1,1-dichloroethene (1,1-dichloroethylene, 1,1-DCE) | X | | | | | | | | | | | | |
| 1,1-dichloroethane (1,1-DCA) | X | | | | | | | | | | | | |
| 1,2-dichloroethane (1,2-DCA) | X | | | | | | | | | | | | |
| Acenaphthene | X | | | | | | | | | | | | |
| Acrolein | X | | | | | | | | | | | | |
| Acrylonitrile | X | | | | | | | | | | | | |
| Benzidine | X | | | | | | | | | | | | |
| Carbon tetrachloride (tetrachloromethane) | X | | | | | | | | | | | | |
| Chloroform (trichloromethane) | X | | | | | | | | | | | | |
| Chlorobenzene | X | | | | | | | | | | | | |
| 1,2,4-trichlorobenzene | X | | | | | | | | | | | | |
| Hexachlorobenzene | X | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| 4-bromophenyl phenyl ether | | | | | | | | | | | X | | | | | | | | | | | | |
| Bis(2-chloroisopropyl) ether | | | | | | | | | | | X | | | | | | | | | | | | |
| Bis(2-chloroethoxy) methane | | | | | | | | | | | X | | | | | | | | | | | | |
| Methyl chloride (dichloromethane) | | | | | | | | | | | X | | | | | | | | | | | | |
| Methyl bromide (bromomethane) | | | | | | | | | | | X | | | | | | | | | | | | |
| Bromoform (tribromomethane) | | | | | | | | | | | X | | | | | | | | | | | | |
| Dichlorobromomethane | | | | | | | | | | | X | | | | | | | | | | | | |
| Chlorodibromomethane | | | | | | | | | | | X | | | | | | | | | | | | |
| Hexachlorobutadiene | | | | | | | | | | | X | | | | | | | | | | | | |
| Hexachlorocyclopentadiene | | | | | | | | | | | X | | | | | | | | | | | | |
| Isophorone | | | | | | | | | | | X | | | | | | | | | | | | |
| Naphthalene | | | | | | | | | | | X | | | | | | | | | | | | |
| Nitrobenzene | | | | | | | | | | | X | | | | | | | | | | | | |
| 2-nitrophenol | | | | | | | | | | | X | | | | | | | | | | | | |
| 4-nitrophenol | | | | | | | | | | | X | | | | | | | | | | | | |
| 2,4-dinitrophenol | | | | | | | | | | | X | | | | | | | | | | | | |
| 4,6-dinitro-o-cresol | | | | | | | | | | | X | | | | | | | | | | | | |
| N-nitrosodimethylamine | | | | | | | | | | | X | | | | | | | | | | | | |
| N-nitrosodiphenylamine | | | | | | | | | | | X | | | | | | | | | | | | |
| N-nitrosodi-n-propylamin | | | | | | | | | | | X | | | | | | | | | | | | |
| Pentachlorophenol | | | | | | | | | | | X | | | | | | | | | | | | |
| Phenol | | | | | | | | | | | X | | | | | | | | | | | | |
| Bis(2-ethylhexyl) phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| Butyl benzyl phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| Di-N-Butyl Phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| Di-n-octyl phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| Diethyl Phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| Dimethyl phthalate | | | | | | | | | | | X | | | | | | | | | | | | |
| 1,2-benzanthracene (benzo(a) anthracene | | | | | | | | | | | X | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Benzo(a)pyrene (3,4-benzopyrene) | | | | | | | | | | | | | | | | | X | |
| 3,4-Benzofluoranthene (benzo(b) fluoranthene) | | | | | | | | | | | | | | | | | X | |
| 11,12-benzofluoranthene (benzo(k) fluoranthene) | | | | | | | | | | | | | | | | | X | |
| Chrysene | | | | | | | | | | | | | | | | | X | |
| Acenaphthylene | | | | | | | | | | | | | | | | | X | |
| Anthracene | | | | | | | | | | | | | | | | | X | |
| 1,12-benzoperylene (benzo(ghi) perylene) | | | | | | | | | | | | | | | | | X | |
| Fluorene | | | | | | | | | | | | | | | | | X | |
| Phenanthrene | | | | | | | | | | | | | | | | | X | |
| 1,2,5,6-dibenzanthracene (dibenzo(h) anthracene) | | | | | | | | | | | | | | | | | X | |
| Indeno (1,2,3-cd) pyrene (2,3-o-pheynylene pyrene) | | | | | | | | | | | | | | | | | X | |
| Pyrene | | | | | | | | | | | | | | | | | X | |
| Tetrachloroethylene | | | | | | | | | | | | | | | | | X | |
| Toluene | | | | | | | | | | | | | | | | | X | |
| Trichloroethylene | | | | | | | | | | | | | | | | | X | |
| Vinyl chloride (chloroethylene) | | | | | | | | | | | | | | | | | X | |
| Aldrin | | | | | | | | | | | | | | | | | X | |
| Dieldrin | | | | | | | | | | | | | | | | | X | |
| Chlordane (technical mixture and metabolites) | | | | | | | | | | | | | | | | | X | |
| 4,4-DDT | | | | | | | | | | | | | | | | | X | |
| 4,4-DDE (p,p-DDX) | | | | | | | | | | | | | | | | | X | |
| 4,4-DDD (p,p-TDE) | | | | | | | | | | | | | | | | | X | |
| Alpha-endosulfan | | | | | | | | | | | | | | | | | X | |
| Beta-endosulfan | | | | | | | | | | | | | | | | | X | |
| Endosulfan sulfate | | | | | | | | | | | | | | | | | X | |
| Endrin | | | | | | | | | | | | | | | | | X | |
| Endrin aldehyde | | | | | | | | | | | | | | | | | X | |
| Heptachlor | | | | | | | | | | | | | | | | | X | |
| Heptachlor epoxide (BHC-hexachlorocyclohexane) | | | | | | | | | | | | | | | | | X | |

| | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| Alpha-BHC | X | | | | | | | | |
| Beta-BHC | X | | | | | | | | |
| Gamma-BHC (lindane) | X | | | | | | | | |
| Delta-BHC (PCB-polychlorinatedbiphenyls) | X | | | | | | | | |
| PCB-1242 (Arochlor 1242) | X | | | | | | | | |
| PCB-1254 (Arochlor 1254) | X | | | | | | | | |
| PCB-1221 (Arochlor 1221) | X | | | | | | | | |
| PCB-1232 (Arochlor 1232) | X | | | | | | | | |
| PCB-1248 (Arochlor 1248) | X | | | | | | | | |
| PCB-1260 (Arochlor 1260) | X | | | | | | | | |
| PCB-1016 (Arochlor 1016) | X | | | | | | | | |
| Toxaphene | X | | | | | | | | |
| Asbestos | X | | | | | | | | |
| Thallium | X | | | | | | | | |

[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 the 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 |
|------|-------|----------|

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 |
|------|-------|----------|--------|

8. Telephone number

9. E-mail address *(optional)*

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

None

(Continued on next page.)

PART B: ADDITIVE DETAILS

11. Name of water treatment additive

New

Previously Approved

None to be used

12. Chemical composition of the water treatment additive¹

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

N/A

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 °F or °C.*) °F °C

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

N/A

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 additive³

29. Test species⁴

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 LC_{50} 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 20° Celsius (68° Fahrenheit) for coldwater species and at 30° Celsius (86° 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.

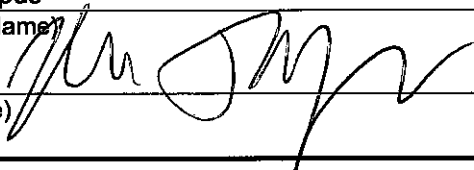
John Trypus

(Printed Name)

Director, Underground Engineering & Construction

(Title)

(Signature)



2/1/24

(Date Signed) (mm/dd/yyyy)

Part G – Section 23: Proof of Publication

CWA Authority, Inc., 2020 N. Meridian Street, Indianapolis, IN 46204 is submitting a Notice of Intent to notify the Indiana Department of Environmental of our intent to comply with the requirements under National Pollutant Discharge Elimination System (NPDES) general permit ING420000 to discharge non-process wastewater on a temporary (less than 364 consecutive days) basis. The site is located at 5301 East St. Clair Street, Indianapolis, IN 46219 and will discharge wastewater from dewatering of a limited area necessary to install consolidation sewers and associated structures using open-cut construction methods for a portion of the Pleasant Run Tunnel to Pleasant Run.

Any person wishing further information about this discharge may contact Cheryl Carlson at (317)429-3569 or ccarlson@citizensenergygroup.com. The decision to issue coverage under this NPDES 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 received notification of IDEM's decision.
INI - 2/1/24 - 0009792003 hspaxlp



Department of Parks & Recreation
City of Indianapolis
200 E. Washington Street
Suite T2301
Indianapolis, IN 46204-3661

Mayor Joe Hogsett
City of Indianapolis
200 E. Washington Street
Suite 2501
Indianapolis, IN 46204-3661

City-County Council
City of Indianapolis
200 E. Washington Street
Suite 241
Indianapolis, IN 46204-3661

CWA Authority, Inc.
Pleasant Run CCS PR07 Project (Ellenberger Park)
5301 E. St. Clair Street
Indianapolis, IN 46219

Notice of Intent (NOI) Letter for ING420000
Temporary Discharges General NPDES Permit
Part 25. Site Inquiry Attachment

1. Current and historic uses of the site

The project site is Ellenberger Park which is owned by the City of Indianapolis Department of Parks and Recreation. A review of historical aerial photographs retrieved from the MapIndy website and Sanborn Fire Insurance Maps obtained from EDR was conducted for the Site and surrounding properties. According to Sanborn maps, the Site consisted of a portion of Ellenberger Woods Park/Ellenberger Park since at least 1915. Aerial photographs indicate a small park structure on the Site from approximately 1956 to 1972, with a grass and tree cover present from 1937 to 2015. The associated structures have historically been park property, undeveloped, or located within the street right-of-way.

To the south and west of the park was undeveloped property in 1915, with residential homes present by 1937. Ellenberger Woods Park/Ellenberger Park has surrounded the Site since 1915.

The immediately adjoining portions of the park have historically been undeveloped. Further to the northeast was a pool and athletic fields since 1937, and an ice rink/park department building since 1962. The associated structures have historically been surrounded by park property and residential property.

2. Current uses of adjacent sites

The properties adjacent to Ellenberger Park are residential.

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

A regulatory files review indicated that Notification for Underground Storage Tanks form dated January 4, 1990, was submitted to IDEM. A 1,000-gallon gasoline UST was indicated as removed in December 1989. The location of the removed UST was identified at the Ellenberger Park Ice Rink which is located at least 500 feet from the PR 07 CCS project site.

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

The site is not 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

The site is not subject to risk-based correct action.

6. Any other relevant information.

No further additional information.

Sample Location - PR07 Monitoring Well 1
Summary of detected parameters

| Lab ID | Date of Sample | Time of Sample | Parameter | EPA Method | Detectable Results | Units |
|-------------|----------------|----------------|------------------------|-------------|--------------------|-------|
| 50291181001 | 6/28/2021 | 10:35 | Iron | EPA 200.7 | 1460 | ug/L |
| 50291181001 | 6/28/2021 | 10:35 | Lead | EPA 200.8 | 1.5 | ug/L |
| 50291181001 | 6/28/2021 | 10:35 | Zinc | EPA 200.8 | 5.6 | ug/L |
| 50291181001 | 6/28/2021 | 10:35 | Diethylphthalate | EPA 625.1 | 38.3 | ug/L |
| 50291181001 | 6/28/2021 | 10:35 | Total Suspended Solids | SM 2540D | 51.4 | mg/L |
| 50291181001 | 6/28/2021 | 10:35 | pH at 25 Degrees C | SM 4500-H+B | 7.1 | SU |
| 50291181003 | 6/28/2021 | 14:51 | Iron | EPA 200.7 | 13400 | ug/L |
| 50291181003 | 6/28/2021 | 14:51 | Chromium | EPA 200.8 | 6.6 | ug/L |
| 50291181003 | 6/28/2021 | 14:51 | Lead | EPA 200.8 | 5.1 | ug/L |
| 50291181003 | 6/28/2021 | 14:51 | Zinc | EPA 200.8 | 29.6 | ug/L |
| 50291181003 | 6/28/2021 | 14:51 | Diethylphthalate | EPA 625.1 | 35.5 | ug/L |
| 50291181003 | 6/28/2021 | 14:51 | Total Suspended Solids | SM 2540D | 610 | mg/L |
| 50291181003 | 6/28/2021 | 14:51 | pH at 25 Degrees C | SM 4500-H+B | 7.3 | SU |
| 50291672003 | 7/6/2021 | 12:25 | Iron | EPA 200.7 | 5100 | ug/L |
| 50291672003 | 7/6/2021 | 12:25 | Lead | EPA 200.8 | 1.5 | ug/L |
| 50291672003 | 7/6/2021 | 12:25 | Zinc | EPA 200.8 | 15.1 | ug/L |
| 50291672003 | 7/6/2021 | 12:25 | Total Suspended Solids | SM 2540D | 512 | mg/L |
| 50291672003 | 7/6/2021 | 12:25 | pH at 25 Degrees C | SM 4500-H+B | 7.2 | SU |
| 50292581007 | 7/15/2021 | 9:55 | Iron | EPA 200.7 | 3160 | ug/L |
| 50292581007 | 7/15/2021 | 9:55 | Lead | EPA 200.8 | 1.1 | ug/L |
| 50292581007 | 7/15/2021 | 9:55 | Zinc | EPA 200.8 | 4.1 | ug/L |
| 50292581007 | 7/15/2021 | 9:55 | Total Suspended Solids | SM 2540D | 109 | mg/L |
| 50292581007 | 7/15/2021 | 9:55 | pH at 25 Degrees C | SM 4500-H+B | 7.4 | SU |
| 50292939002 | 7/20/2021 | 10:30 | Iron | EPA 200.7 | 5120 | ug/L |
| 50292939002 | 7/20/2021 | 10:30 | Lead | EPA 200.8 | 1.1 | ug/L |
| 50292939002 | 7/20/2021 | 10:30 | Zinc | EPA 200.8 | 8.6 | ug/L |
| 50292939002 | 7/20/2021 | 10:30 | Total Suspended Solids | SM 2540D | 122 | mg/L |
| 50292939002 | 7/20/2021 | 10:30 | pH at 25 Degrees C | SM 4500-H+B | 7.2 | SU |

Sample Location - PR07 Monitoring Well 2
Summary of detected parameters

| Lab ID | Date of Sample | Time of Sample | Parameter | EPA Method | Detectable Results | Units |
|-------------|----------------|----------------|------------------------|-------------|--------------------|-------|
| 50291181002 | 6/28/2021 | 12:26 | Iron | EPA 200.7 | 10100 | ug/L |
| 50291181002 | 6/28/2021 | 12:26 | Chromium | EPA 200.8 | 5.8 | ug/L |
| 50291181002 | 6/28/2021 | 12:26 | Lead | EPA 200.8 | 7.8 | ug/L |
| 50291181002 | 6/28/2021 | 12:26 | Zinc | EPA 200.8 | 35.5 | ug/L |
| 50291181002 | 6/28/2021 | 12:26 | Diethylphthalate | EPA 625.1 | 34.2 | ug/L |
| 50291181002 | 6/28/2021 | 12:26 | Total Suspended Solids | SM 2540D | 263 | mg/L |
| 50291181002 | 6/28/2021 | 12:26 | pH at 25 Degrees C | SM 4500-H+B | 7.6 | SU |
| 50291181004 | 6/28/2021 | 13:56 | Iron | EPA 200.7 | 24500 | ug/L |
| 50291181004 | 6/28/2021 | 13:56 | Chromium | EPA 200.8 | 14.9 | ug/L |
| 50291181004 | 6/28/2021 | 13:56 | Lead | EPA 200.8 | 16.6 | ug/L |
| 50291181004 | 6/28/2021 | 13:56 | Zinc | EPA 200.8 | 86.4 | ug/L |
| 50291181004 | 6/28/2021 | 13:56 | Diethylphthalate | EPA 625.1 | 35.1 | ug/L |
| 50291181004 | 6/28/2021 | 13:56 | Total Suspended Solids | SM 2540D | 932 | mg/L |
| 50291181004 | 6/28/2021 | 13:56 | pH at 25 Degrees C | SM 4500-H+B | 7.2 | SU |
| 50291672001 | 7/6/2021 | 11:10 | Iron | EPA 200.7 | 5610 | ug/L |
| 50291672001 | 7/6/2021 | 11:10 | Chromium | EPA 200.8 | 2.4 | ug/L |
| 50291672001 | 7/6/2021 | 11:10 | Lead | EPA 200.8 | 1.4 | ug/L |
| 50291672001 | 7/6/2021 | 11:10 | Zinc | EPA 200.8 | 7.2 | ug/L |
| 50291672001 | 7/6/2021 | 11:10 | Total Suspended Solids | SM 2540D | 73.2 | mg/L |
| 50291672001 | 7/6/2021 | 11:10 | pH at 25 Degrees C | SM 4500-H+B | 7 | SU |
| 50292581008 | 7/15/2021 | 9:00 | Iron | EPA 200.7 | 7270 | ug/L |
| 50292581008 | 7/15/2021 | 9:00 | Chromium | EPA 200.8 | 3.9 | ug/L |
| 50292581008 | 7/15/2021 | 9:00 | Lead | EPA 200.8 | 3.1 | ug/L |
| 50292581008 | 7/15/2021 | 9:00 | Zinc | EPA 200.8 | 15.7 | ug/L |
| 50292581008 | 7/15/2021 | 9:00 | Total Suspended Solids | SM 2540D | 235 | mg/L |
| 50292581008 | 7/15/2021 | 9:00 | pH at 25 Degrees C | SM 4500-H+B | 7.1 | SU |
| 50292939001 | 7/20/2021 | 9:40 | Iron | EPA 200.7 | 4520 | ug/L |
| 50292939001 | 7/20/2021 | 9:40 | Zinc | EPA 200.8 | 5.5 | ug/L |
| 50292939001 | 7/20/2021 | 9:40 | Total Suspended Solids | SM 2540D | 111 | mg/L |
| 50292939001 | 7/20/2021 | 9:40 | pH at 25 Degrees C | SM 4500-H+B | 7 | SU |

**Sample Location - PR07 Monitoring Well 3 (including Upper Aquifer MW-1)
Summary of detected parameters**

| Lab ID | Date of Sample | Time of Sample | Parameter | EPA Method | Detectable Results | Units |
|-------------|----------------|----------------|------------------------|-------------|--------------------|-------|
| 50356100001 | 10/11/2023 | 10:12 | Iron | EPA 200.7 | 5960 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Arsenic | EPA 200.8 | 22.4 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Barium | EPA 200.8 | 451 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Chromium | EPA 200.8 | 3.2 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Lead | EPA 200.8 | 1.5 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Zinc | EPA 200.8 | 8.3 | ug/L |
| 50356100001 | 10/11/2023 | 10:12 | Total Suspended Solids | SM 2540D | 124 | mg/L |
| 50356100001 | 10/11/2023 | 10:12 | pH at 25 Degrees C | SM 4500-H+B | 7.4 | SU |
| 50356757001 | 10/18/2023 | 11:21 | Iron | EPA 200.7 | 6420 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Iron, Dissolved | EPA 200.7 | 2710 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Arsenic | EPA 200.8 | 23.1 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Barium | EPA 200.8 | 481 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Chromium | EPA 200.8 | 3 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Lead | EPA 200.8 | 1.7 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Zinc | EPA 200.8 | 10 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Arsenic, Dissolved | EPA 200.8 | 20 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Barium, Dissolved | EPA 200.8 | 439 | ug/L |
| 50356757001 | 10/18/2023 | 11:21 | Total Suspended Solids | SM 2540D | 151 | mg/L |
| 50356757001 | 10/18/2023 | 11:21 | pH at 25 Degrees C | SM 4500-H+B | 7.4 | SU |
| 50362385001 | 12/21/2023 | 14:15 | Iron | EPA 200.7 | 108000 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Iron, Dissolved | EPA 200.7 | 229 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Arsenic | EPA 200.8 | 231 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Barium | EPA 200.8 | 1670 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Cadmium | EPA 200.8 | 1.4 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Chromium | EPA 200.8 | 136 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Lead | EPA 200.8 | 90.1 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Selenium | EPA 200.8 | 11.2 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Zinc | EPA 200.8 | 377 | ug/L |

| | | | | | | |
|-------------|------------|-------|------------------------|-------------|-------|------|
| 50362385001 | 12/21/2023 | 14:15 | Arsenic, Dissolved | EPA 200.8 | 7.7 | ug/L |
| 50362385001 | 12/21/2023 | 14:15 | Barium, Dissolved | EPA 200.8 | 303 | ug/L |
| 50362385002 | 12/22/2023 | 11:50 | Total Suspended Solids | SM 2540D | 48.7 | mg/L |
| 50362385002 | 12/22/2023 | 11:50 | pH at 25 Degrees C | SM 4500-H+B | 8.2 | SU |
| 50362748001 | 1/2/2024 | 15:15 | Iron | EPA 200.7 | 20100 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Iron, Dissolved | EPA 200.7 | 178 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Arsenic | EPA 200.8 | 48.6 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Barium | EPA 200.8 | 611 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Cadmium | EPA 200.8 | 0.27 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Chromium | EPA 200.8 | 29.1 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Lead | EPA 200.8 | 17.8 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Selenium | EPA 200.8 | 2.3 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Zinc | EPA 200.8 | 74.5 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Arsenic, Dissolved | EPA 200.8 | 3.8 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Barium, Dissolved | EPA 200.8 | 339 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Zinc, Dissolved | EPA 200.8 | 3.6 | ug/L |
| 50362748001 | 1/2/2024 | 15:15 | Total Suspended Solids | SM 2540D | 435 | mg/L |
| 50362748001 | 1/2/2024 | 15:15 | pH at 25 Degrees C | SM 4500-H+B | 8.0 | SU |
| 50363226001 | 1/9/2024 | 14:35 | Iron | EPA 200.7 | 2480 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Arsenic | EPA 200.8 | 11.1 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Barium | EPA 200.8 | 393 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Chromium | EPA 200.8 | 2.6 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Lead | EPA 200.8 | 1.6 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Zinc | EPA 200.8 | 7.8 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Arsenic, Dissolved | EPA 200.8 | 2.8 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Barium, Dissolved | EPA 200.8 | 354 | ug/L |
| 50363226001 | 1/9/2024 | 14:35 | Total Suspended Solids | SM 2540D | 33.9 | mg/L |
| 50363226001 | 1/9/2024 | 14:35 | pH at 25 Degrees C | SM 4500-H+B | 7.1 | SU |
| 50364271001 | 1/25/2024 | 11:45 | Iron | EPA 200.7 | 1320 | ug/L |
| 50364271001 | 1/25/2024 | 11:45 | Arsenic | EPA 200.8 | 8.5 | ug/L |
| 50364271001 | 1/25/2024 | 11:45 | Barium | EPA 200.8 | 388 | ug/L |
| 50364271001 | 1/25/2024 | 11:45 | Zinc | EPA 200.8 | 4 | ug/L |
| 50364271001 | 1/25/2024 | 11:45 | Arsenic, Dissolved | EPA 200.8 | 1.6 | ug/L |
| 50364271001 | 1/25/2024 | 11:45 | Barium, Dissolved | EPA 200.8 | 381 | ug/L |

| | | | | | | |
|-------------|-----------|-------|------------------------|-------------|------|------|
| 50364271001 | 1/25/2024 | 11:45 | Total Suspended Solids | SM 2540D | 12.6 | mg/L |
| 50364271001 | 1/25/2024 | 11:45 | pH at 25 Degrees C | SM 4500-H+B | 7.4 | SU |

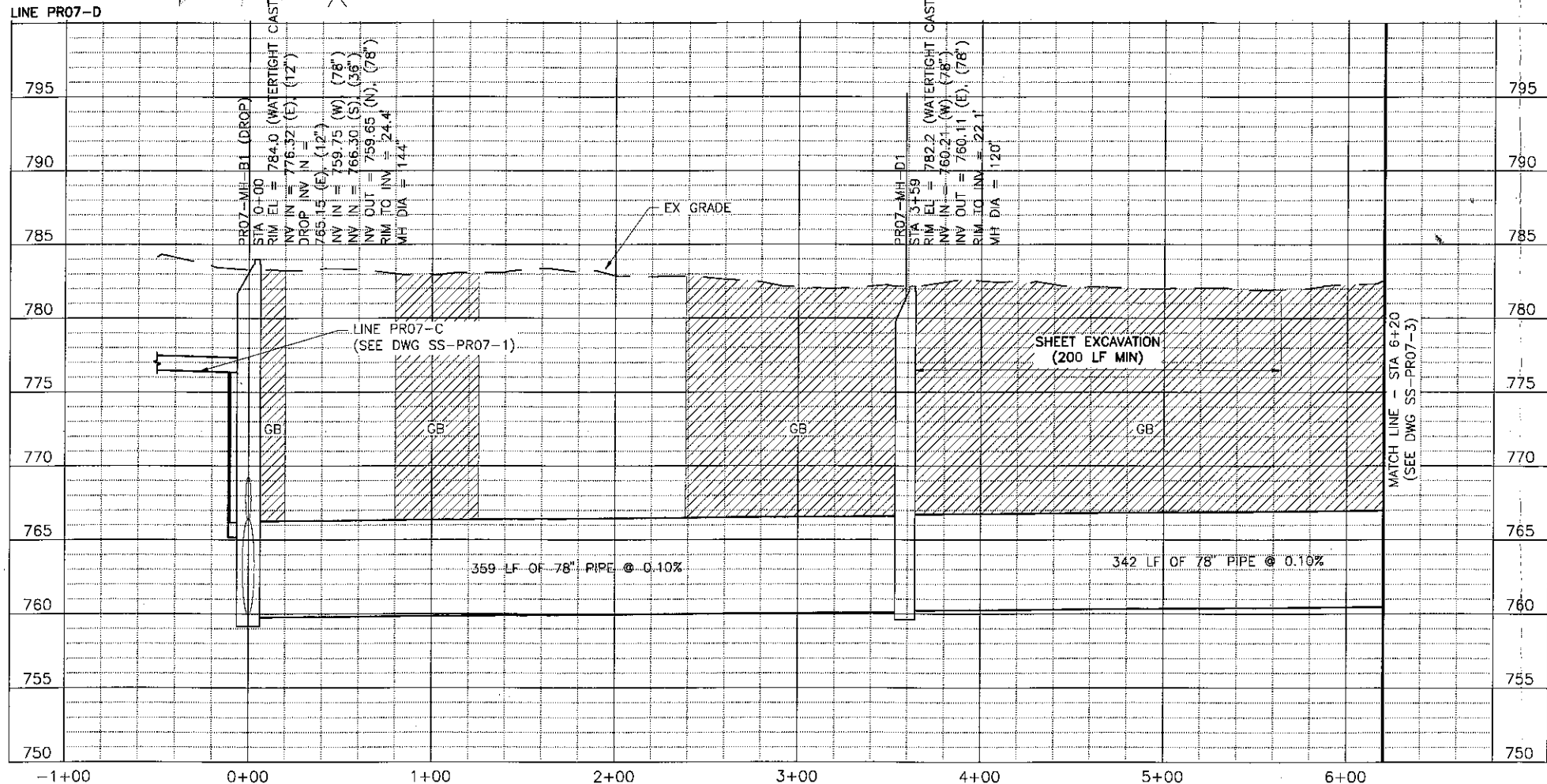
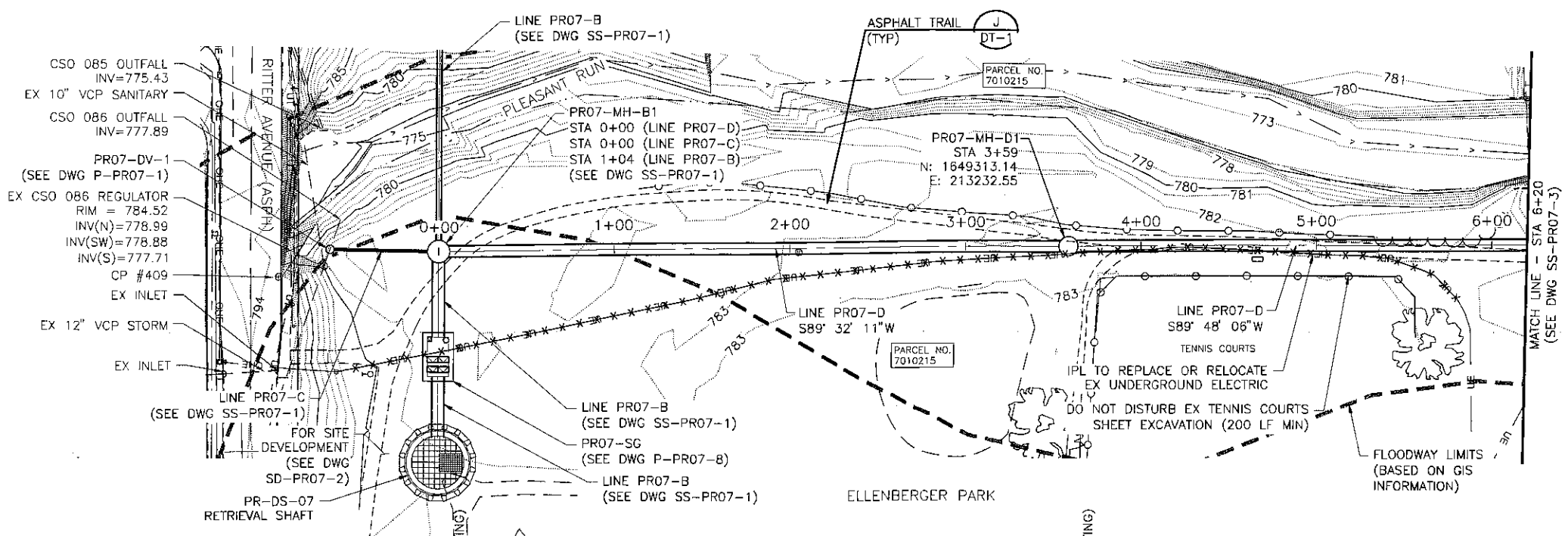
Sample Location - PR07 Monitoring Well 4 (Including Upper Aquifer MW-2)
Summary of detected parameters

| Lab ID | Date of Sample | Time of Sample | Parameter | EPA Method | Detectable Results | Units |
|-------------|----------------|----------------|------------------------|-------------|--------------------|-------|
| 50356100002 | 10/11/2023 | 11:57 | Iron | EPA 200.7 | 3730 | ug/L |
| 50356100002 | 10/11/2023 | 11:57 | Arsenic | EPA 200.8 | 10.8 | ug/L |
| 50356100002 | 10/11/2023 | 11:57 | Barium | EPA 200.8 | 71.2 | ug/L |
| 50356100002 | 10/11/2023 | 11:57 | Zinc | EPA 200.8 | 4.6 | ug/L |
| 50356100002 | 10/11/2023 | 11:57 | Total Suspended Solids | SM 2540D | 42.1 | mg/L |
| 50356100002 | 10/11/2023 | 11:57 | pH at 25 Degrees C | SM 4500-H+B | 7.4 | SU |
| 50356757002 | 10/18/2023 | 11:42 | Iron | EPA 200.7 | 9540 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Iron, Dissolved | EPA 200.7 | 2710 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Arsenic | EPA 200.8 | 12 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Barium | EPA 200.8 | 105 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Chromium | EPA 200.8 | 5.4 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Lead | EPA 200.8 | 4.7 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Zinc | EPA 200.8 | 19.3 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Arsenic, Dissolved | EPA 200.8 | 10.8 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Barium, Dissolved | EPA 200.8 | 62.9 | ug/L |
| 50356757002 | 10/18/2023 | 11:42 | Total Suspended Solids | SM 2540D | 361 | mg/L |
| 50356757002 | 10/18/2023 | 11:42 | pH at 25 Degrees C | SM 4500-H+B | 7.2 | SU |
| 50362385003 | 12/22/2023 | 13:30 | Iron | EPA 200.7 | 461 | ug/L |
| 50362385003 | 12/22/2023 | 13:30 | Arsenic | EPA 200.8 | 1.2 | ug/L |
| 50362385003 | 12/22/2023 | 13:30 | Barium | EPA 200.8 | 202 | ug/L |
| 50362385003 | 12/22/2023 | 13:30 | Barium, Dissolved | EPA 200.8 | 197 | ug/L |
| 50362385003 | 12/22/2023 | 13:30 | Total Suspended Solids | SM 2540D | 124 | mg/L |
| 50362385003 | 12/22/2023 | 13:30 | pH at 25 Degrees C | SM 4500-H+B | 8 | SU |
| 50362748002 | 1/2/2024 | 12:50 | Iron | EPA 200.7 | 817 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Iron, Dissolved | EPA 200.7 | 319 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Arsenic | EPA 200.8 | 1.8 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Barium | EPA 200.8 | 210 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Chromium | EPA 200.8 | 2.4 | ug/L |

| | | | | | | |
|-------------|-----------|-------|------------------------|-------------|------|------|
| 50362748002 | 1/2/2024 | 12:50 | Zinc | EPA 200.8 | 7.1 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Arsenic, Dissolved | EPA 200.8 | 1.5 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Barium, Dissolved | EPA 200.8 | 206 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Zinc, Dissolved | EPA 200.8 | 5.2 | ug/L |
| 50362748002 | 1/2/2024 | 12:50 | Total Suspended Solids | SM 2540D | 13.5 | mg/L |
| 50362748004 | 1/3/2024 | 9:15 | pH at 25 Degrees C | SM 4500-H+B | 7.9 | SU |
| 50363226002 | 1/9/2024 | 15:10 | Iron | EPA 200.7 | 140 | ug/L |
| 50363226002 | 1/9/2024 | 15:10 | Arsenic | EPA 200.8 | 2 | ug/L |
| 50363226002 | 1/9/2024 | 15:10 | Barium | EPA 200.8 | 241 | ug/L |
| 50363226002 | 1/9/2024 | 15:10 | Arsenic, Dissolved | EPA 200.8 | 1.8 | ug/L |
| 50363226002 | 1/9/2024 | 15:10 | Barium, Dissolved | EPA 200.8 | 233 | ug/L |
| 50363226002 | 1/9/2024 | 15:10 | pH at 25 Degrees C | SM 4500-H+B | 7.6 | SU |
| 50364271002 | 1/25/2024 | 13:15 | Iron | EPA 200.7 | 186 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Iron, Dissolved | EPA 200.7 | | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Arsenic | EPA 200.8 | 1.5 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Barium | EPA 200.8 | 241 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Zinc | EPA 200.8 | 3 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Arsenic, Dissolved | EPA 200.8 | 1.2 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | Barium, Dissolved | EPA 200.8 | 237 | ug/L |
| 50364271002 | 1/25/2024 | 13:15 | pH at 25 Degrees C | SM 4500-H+B | 7.6 | SU |

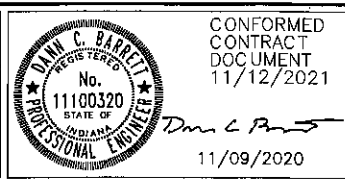
**Sample Location - PR07 Lower Aquifer (Aretesian)
Summary of detected parameters**

| Lab ID | Date of Sample | Time of Sample | Parameter | EPA Method | Detectable Results | Units |
|-------------|----------------|----------------|------------------------|-------------|--------------------|-------|
| 50357073001 | 10/20/2023 | 10:36 | Iron | EPA 200.7 | 2830 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Iron, Dissolved | EPA 200.7 | 2850 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Arsenic | EPA 200.8 | 8.3 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Barium | EPA 200.8 | 571 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Arsenic, Dissolved | EPA 200.8 | 8.1 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Barium, Dissolved | EPA 200.8 | 566 | ug/L |
| 50357073001 | 10/20/2023 | 10:36 | Total Suspended Solids | SM 2540D | 5.5 | mg/L |
| 50357073001 | 10/20/2023 | 10:36 | pH at 25 Degrees C | SM 4500-H+B | 7.3 | SU |
| 50357716001 | 10/27/2023 | 10:41 | Iron | EPA 200.7 | 3020 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Iron, Dissolved | EPA 200.7 | 3060 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Arsenic | EPA 200.8 | 8.4 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Barium | EPA 200.8 | 583 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Arsenic, Dissolved | EPA 200.8 | 8 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Barium, Dissolved | EPA 200.8 | 560 | ug/L |
| 50357716001 | 10/27/2023 | 10:41 | Total Suspended Solids | SM 2540D | 6 | mg/L |
| 50357716001 | 10/27/2023 | 10:41 | pH at 25 Degrees C | SM 4500-H+B | 7 | SU |



NOTES:
 1. SEE DWG. SS-PRD7-5 FOR NOTES, LEGEND AND PARCEL TABLE.

| REVISIONS | | |
|-----------|----------|----|
| DATE | REVISION | BY |
| | | |
| | | |
| | | |



CONFORMED CONTRACT DOCUMENT
 11/12/2021

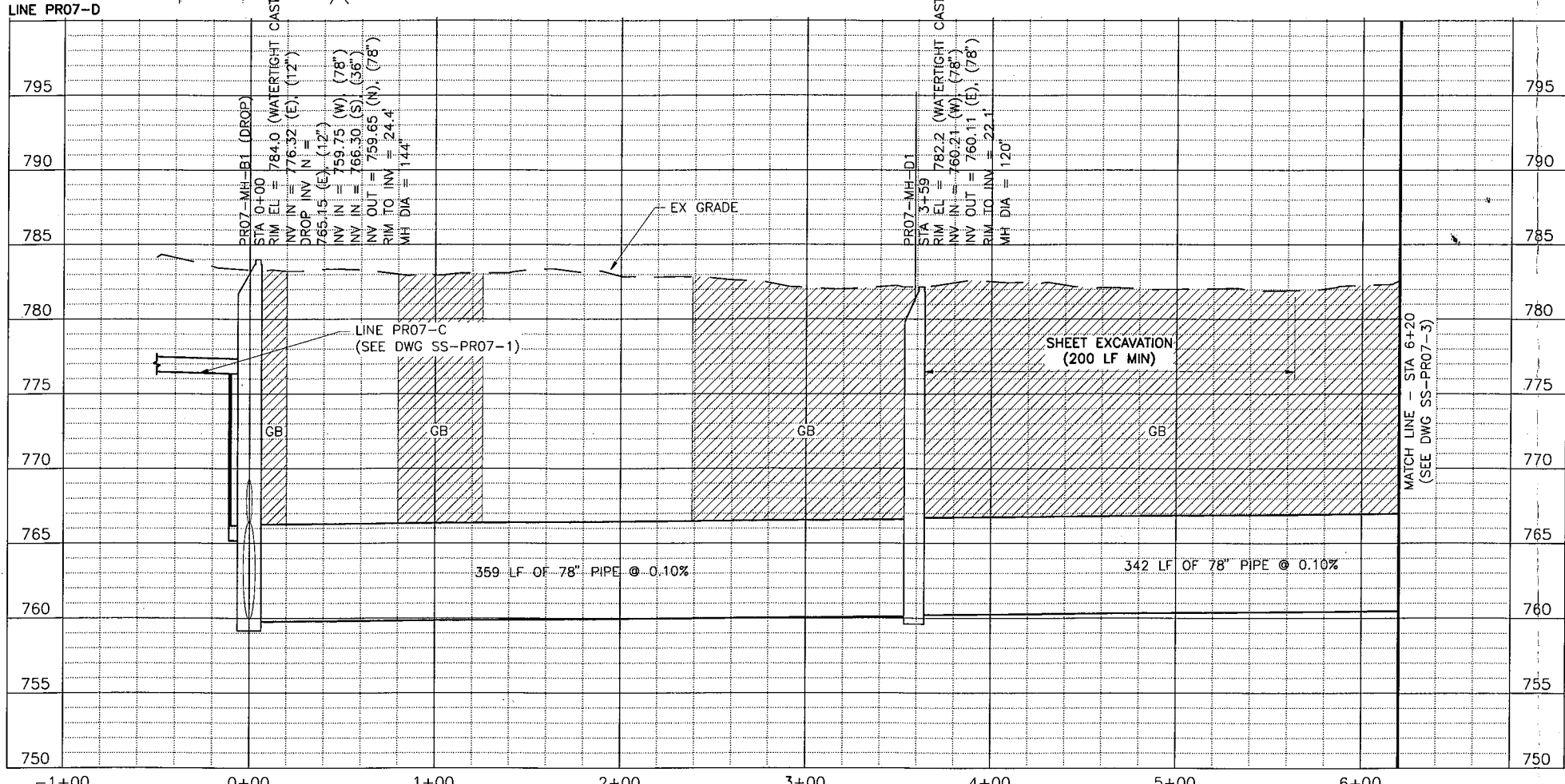
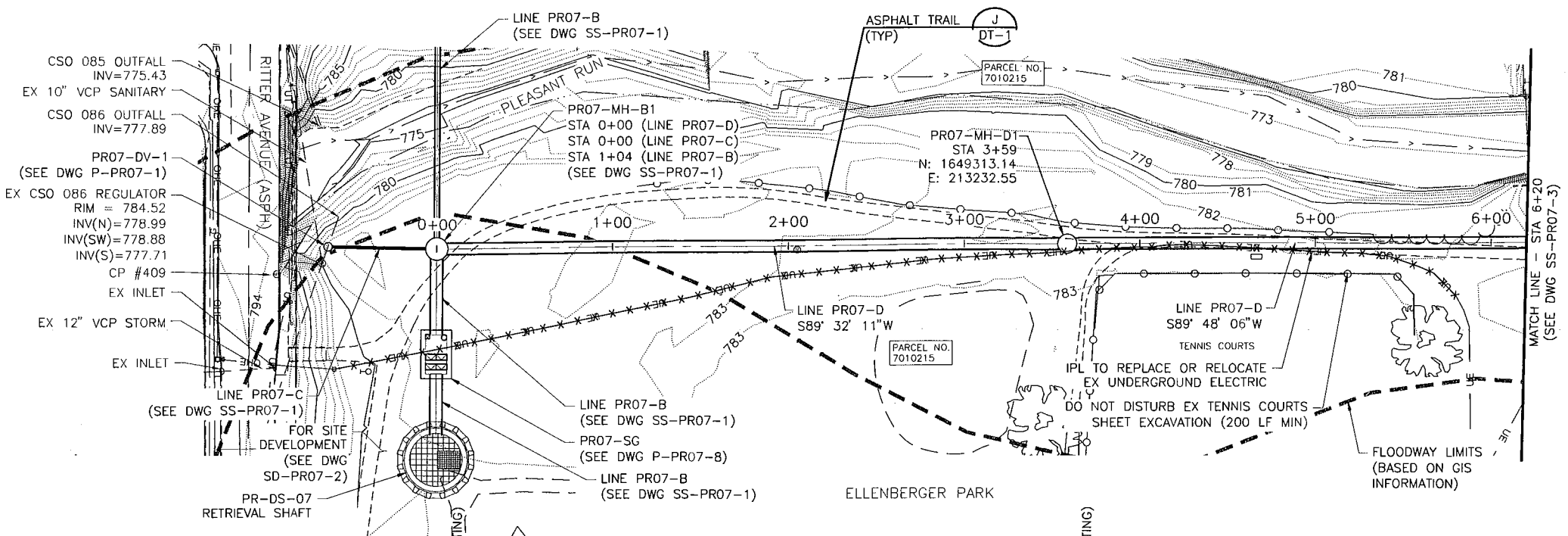
RECOMMENDED FOR APPROVAL *[Signature]* 3/31/2021

DESIGNED: DCB DRAWN: AR
 CHECKED: PDG CHECKED: DCB

CITIZENS ENERGY GROUP

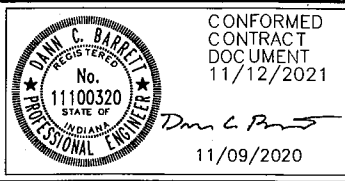
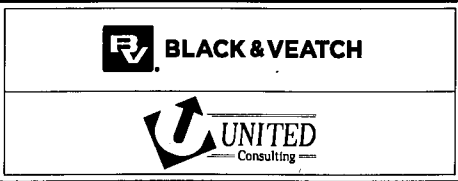
CONSOLIDATION SEWER PLAN AND PROFILES
 LINE PR07-D PLAN AND PROFILE
 STA 0+00 TO STA 6+20

PR CCS PHASE II
 CEG PROJECT NO.: 92TU00534
 DRAWING NUMBER
SS-PR07-2
 47 OF 176



NOTES:
 1. SEE DWG, SS-PR07-5 FOR NOTES, LEGEND AND PARCEL TABLE.

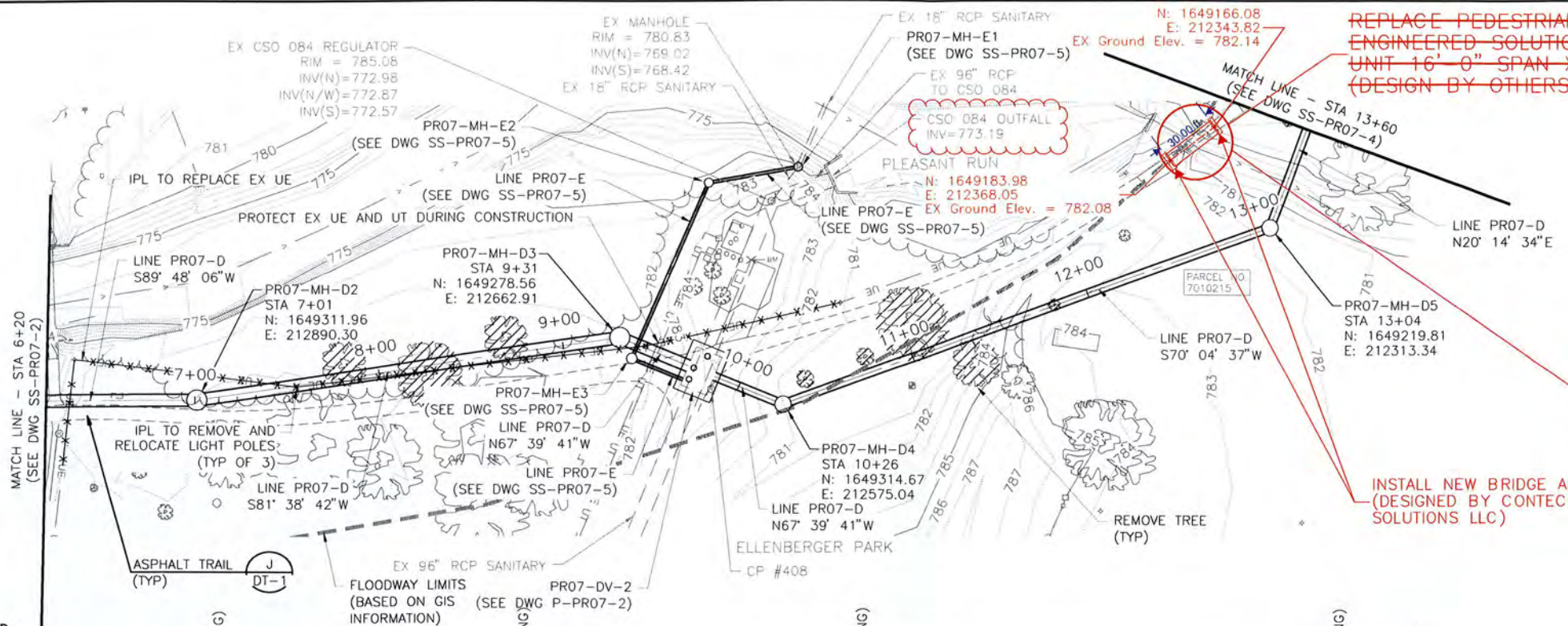
| REVISIONS | | |
|-----------|----------|----|
| DATE | REVISION | BY |
| | | |
| | | |
| | | |



CONFORMED CONTRACT DOCUMENT 11/12/2021
 RECOMMENDED FOR APPROVAL *Paul Whitman* 3/31/2021
 DESIGNED: DCB DRAWN: AR
 CHECKED: PDG CHECKED: DCB

CITIZENS ENERGY GROUP
 CONSOLIDATED SEWER PLAN AND PROFILES
 LINE PR07-D PLAN AND PROFILE
 STA 0+00 TO STA 6+20

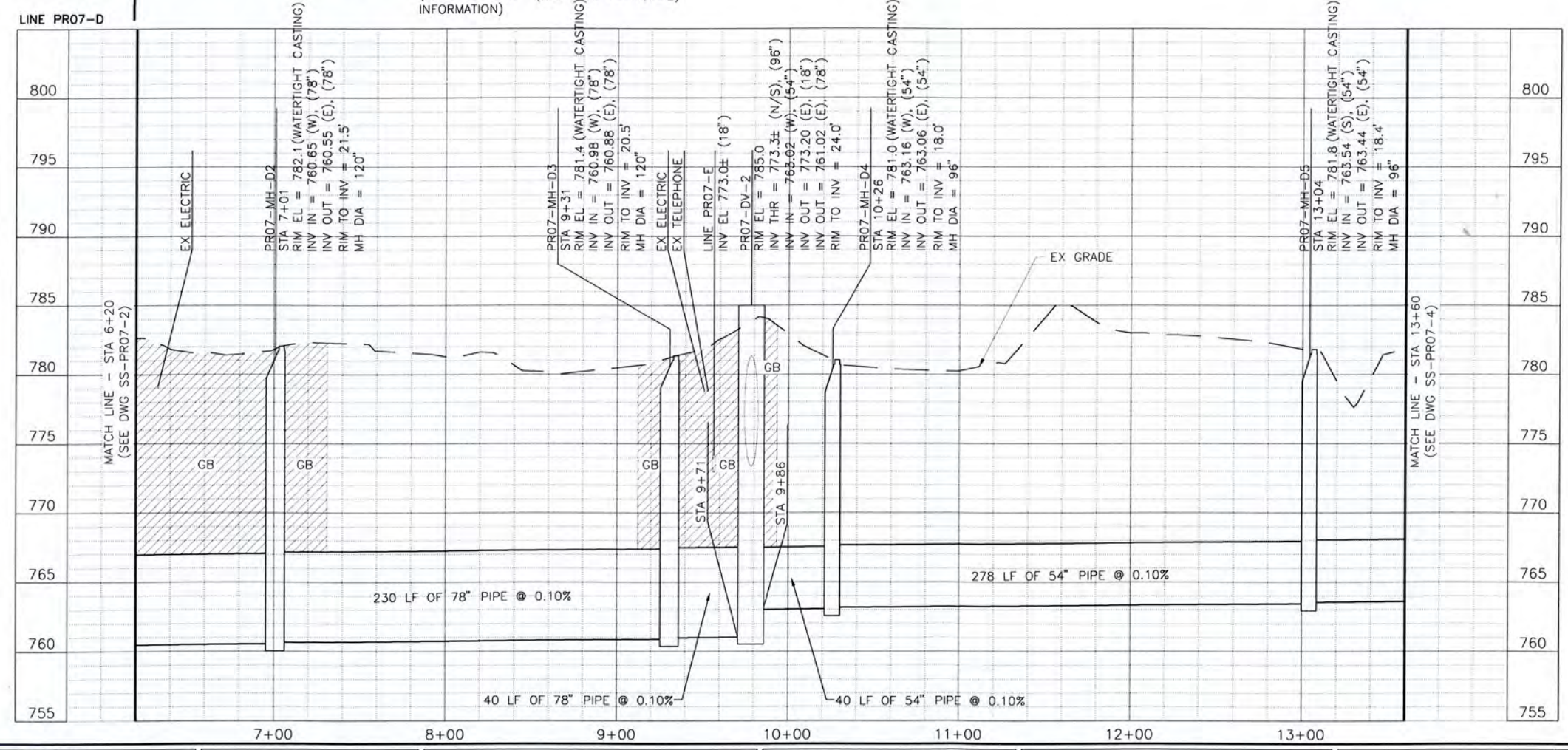
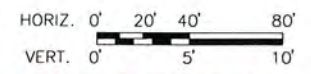
PR CCS PHASE II
 CEG PROJECT NO.: 92TU00534
 DRAWING NUMBER
 SS-PR07-2
 47 OF 176



~~REPLACE PEDESTRIAN BRIDGE WITH CONTECH ENGINEERED SOLUTIONS LLC, PRECAST I-SERIES UNIT 16' 0" SPAN X 5' 6" RISE, OR EQUAL. (DESIGN BY OTHERS)~~

REMOVE AND REPLACE EXISTING PEDESTRIAN BRIDGE AND ABUTMENTS WITH CONTECH ENGINEERED SOLUTIONS LLC CONSTRUCTION PRODUCT EXPRESS PREFAB BRIDGE 8'x30'(WxL). CONTRACTOR TO INSTALL NEW BRIDGE ABUTMENTS AND CENTER BRIDGE OVER STREAM ALONG THE MULTI-USE PATH. CONTRACTOR TO COORDINATE DELIVERY AND INSTALLATION OF BRIDGE WITH VENDOR.

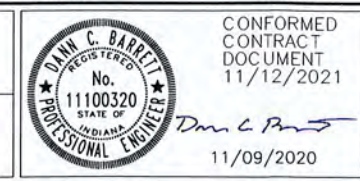
INSTALL NEW BRIDGE ABUTMENTS (DESIGNED BY CONTECH ENGINEER SOLUTIONS LLC)



CSO84 - Outfall #1

NOTES:
1. SEE DWG SS-PR07-5 FOR NOTES, LEGEND AND PARCEL TABLE.

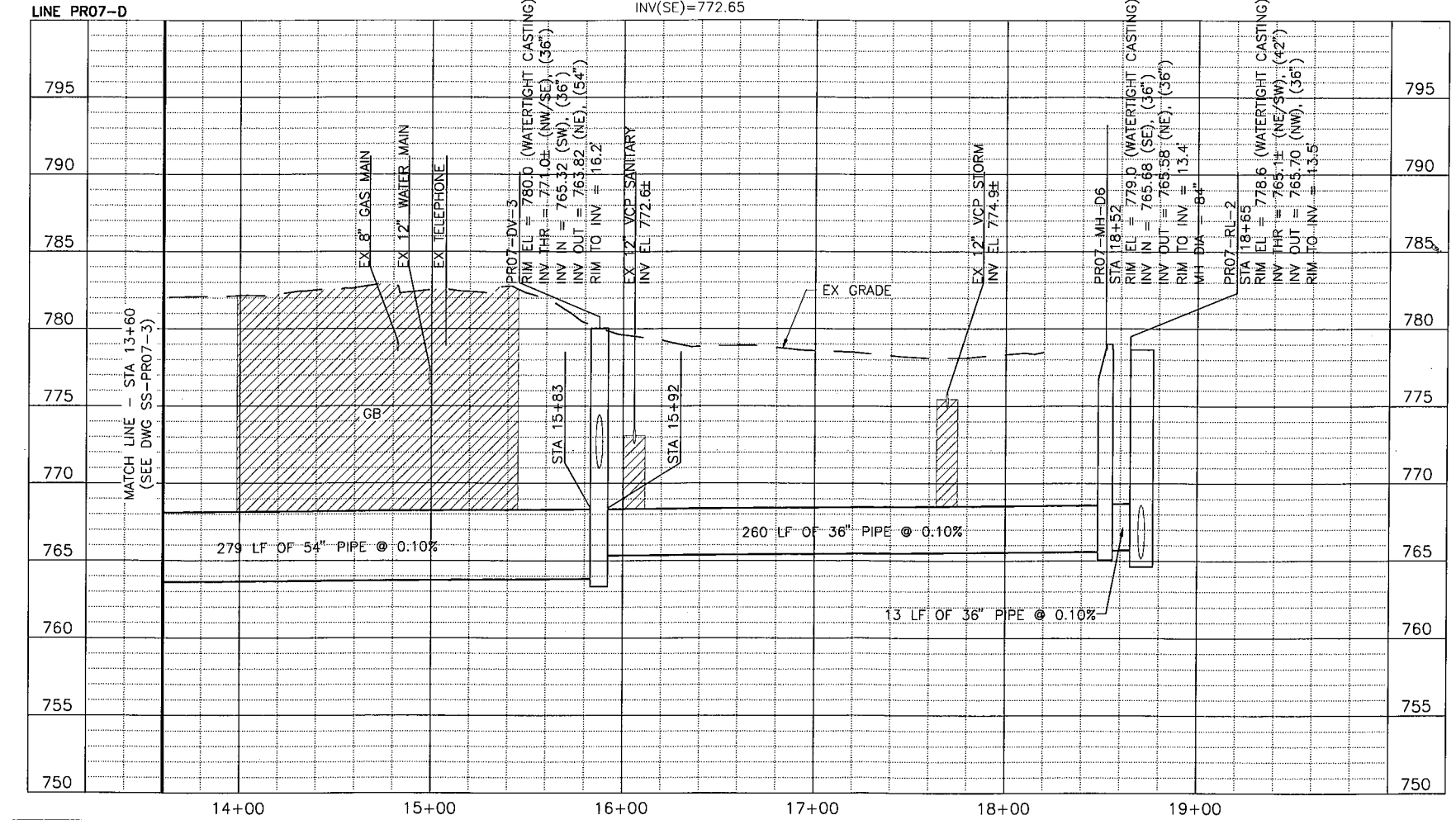
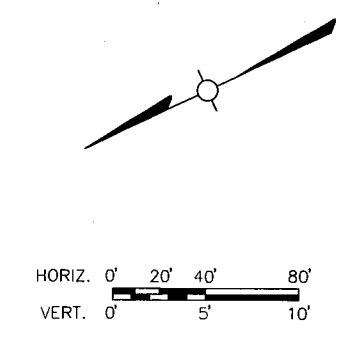
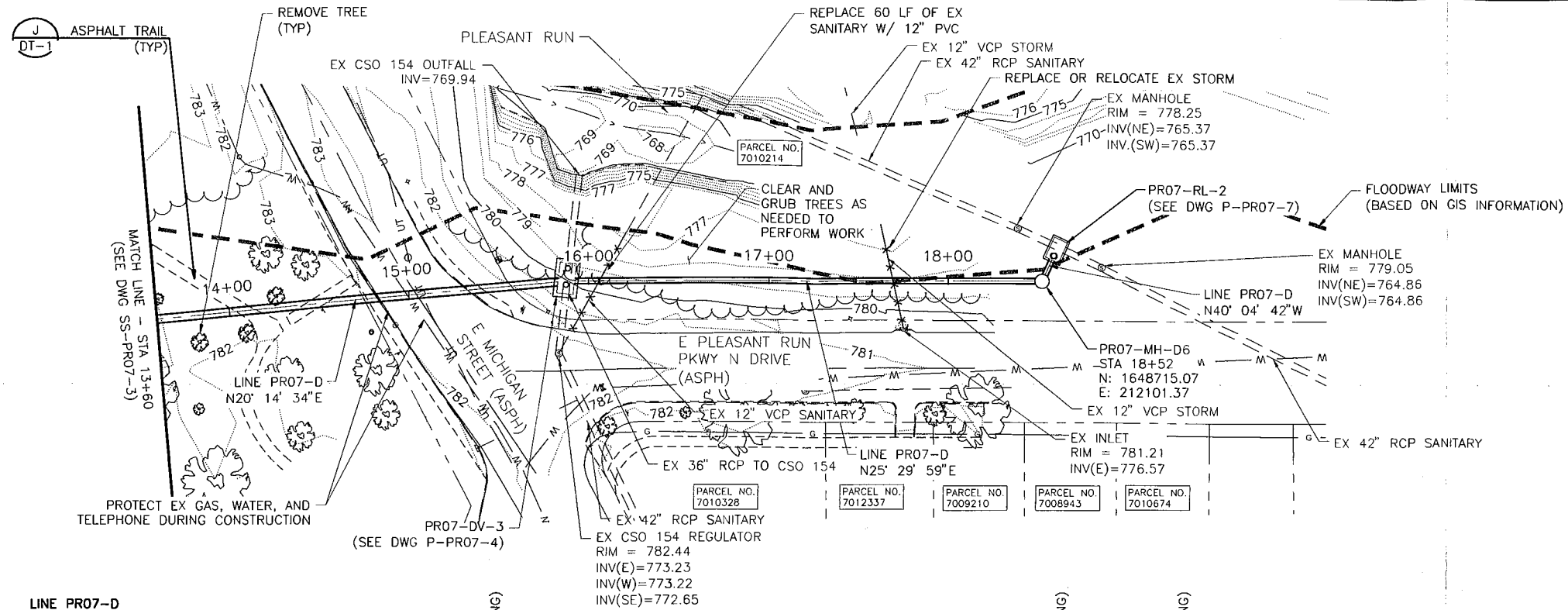
| REVISIONS | | |
|-----------|----------------------------|-----|
| DATE | REVISION | BY |
| 03/2023 | PEDESTRIAN BRIDGE REDESIGN | MHB |



| | |
|--------------------------|-----------------------------|
| RECOMMENDED FOR APPROVAL | <i>John White</i> 3/31/2021 |
| DESIGNED: DCB | DRAWN: AR |
| CHECKED: PDG | CHECKED: DCB |

CITIZENS ENERGY GROUP
CONSOLIDATION SEWER PLAN AND PROFILES
LINE PR07-D PLAN AND PROFILE
STA 6+20 TO STA 13+60

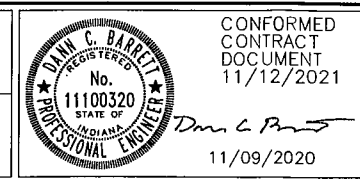
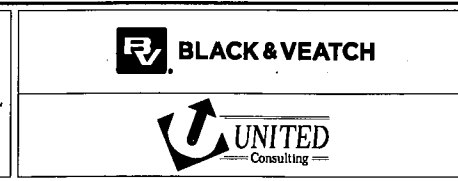
| |
|----------------------------|
| PR CCS PHASE II |
| CEG PROJECT NO.: 92TU00534 |
| DRAWING NUMBER |
| SS-PR07-3 |
| 48 OF 176 |



NOTES:

- SEE DWG SS-PR07-5 FOR NOTES, LEGEND AND PARCEL TABLE.

| REVISIONS | | |
|-----------|----------|----|
| DATE | REVISION | BY |
| | | |
| | | |
| | | |



CONFORMED CONTRACT DOCUMENT 11/12/2021

RECOMMENDED FOR APPROVAL *Bob White* 3/31/2021

DESIGNED: DCB DRAWN: AR

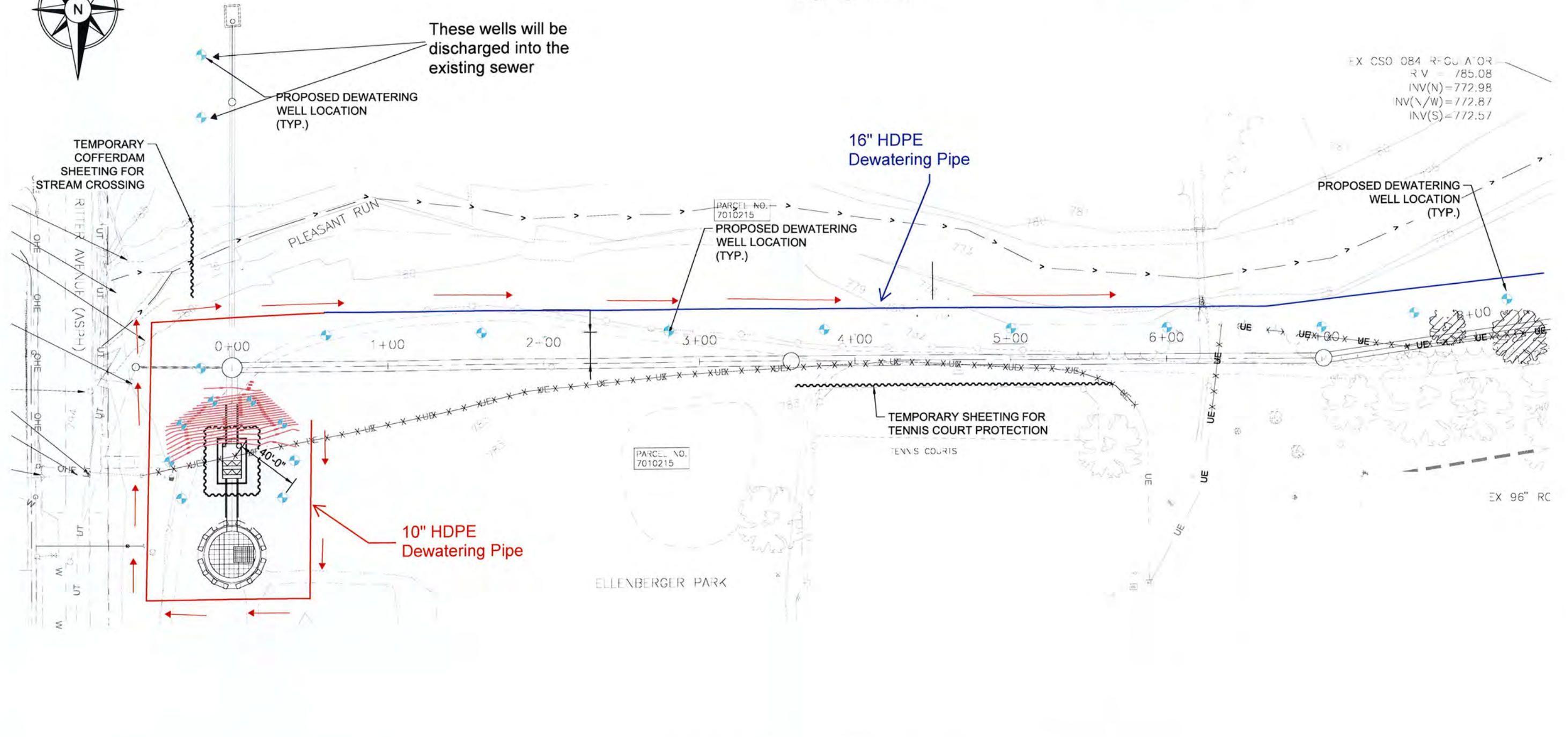
CHECKED: PDG CHECKED: DCB

CITIZENS ENERGY GROUP

CONSOLIDATION SEWER PLAN AND PROFILES
LINE PR07-D PLAN AND PROFILE
STA 13+60 TO STA 18+65

PR CCS PHASE II
CEG PROJECT NO.: 92TU00534
DRAWING NUMBER
SS-PR07-4
49 OF 176

35 Total wells with submersible dewatering pumps each putting out 300 GPM for a total of 10,500 GPM if every well is going at once.



PLAN VIEW - PROPOSED DEWATERING PLAN
SCALE: 1/64" = 1'-0"

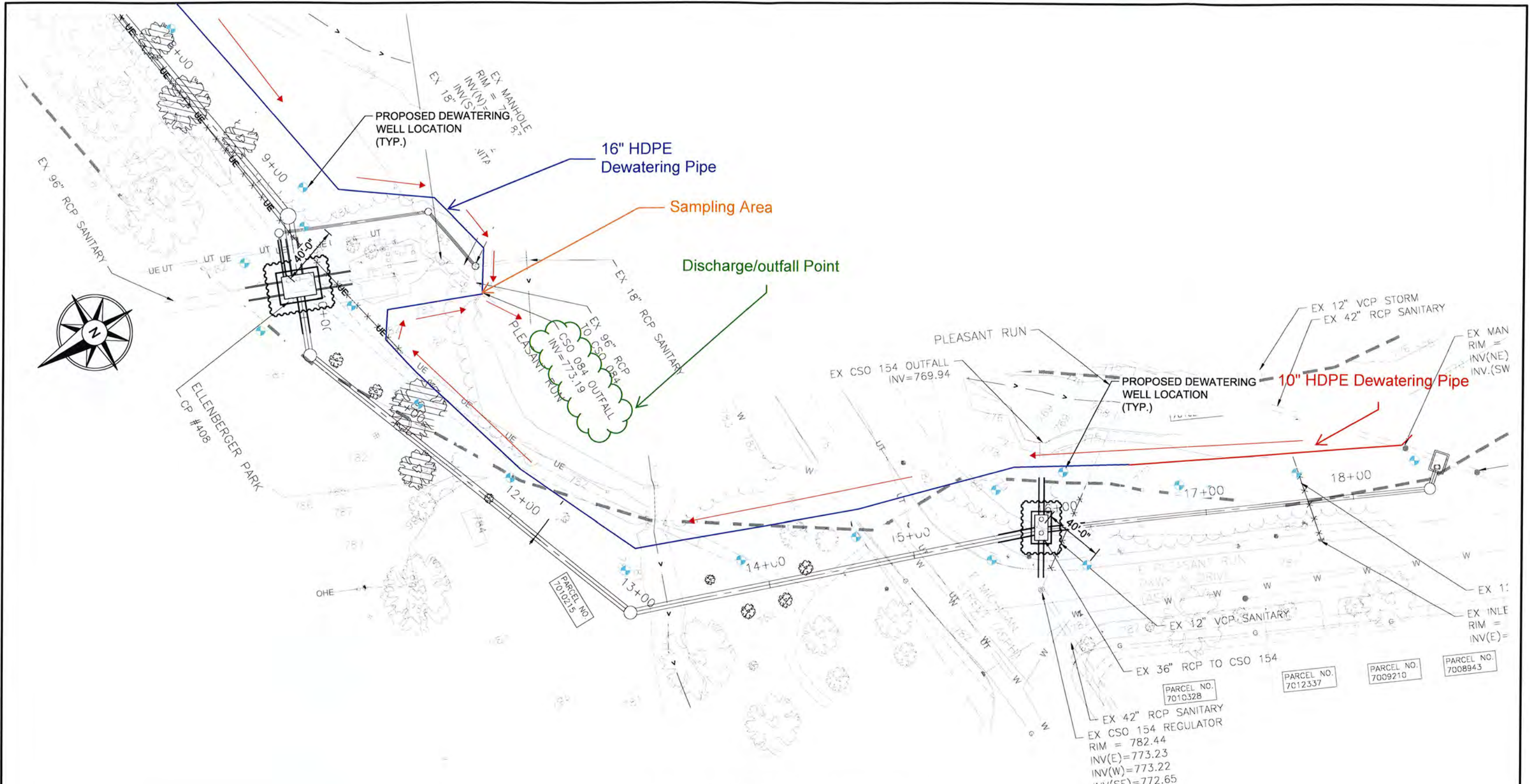
File name: 1-21-095.15.REV1.DWG Date: 01/09/2024 10:29:10 PM



| NOTES | |
|-------|--|
| 1. | FIELD VERIFY LOCATION OF EXISTING UTILITIES IN RELATION TO PROPOSED DEWATERING WELLS. NOTIFY SJL ENGINEERS IF DEWATERING WELLS NEED TO BE RELOCATED. |
| 2. | DISCHARGE OF GROUNDWATER TO BE LOCATED BY FAW AT APPROVED LOCATIONS. |

| PLAN VIEW - PROPOSED DEWATERING PLAN | |
|--------------------------------------|-------------------------------------|
| PROJECT: | PLEASANT RUN DEEP TUNNEL SYSTEM |
| LOCATION: | INDIANAPOLIS, IN |
| CLIENT: | F.A. WILHELM CONSTRUCTION CO., INC. |
| SJL PROJ. NO.: | 1-21-095 |
| SCALE: | AS SHOWN |

| | | |
|----------------|--------------|--|
| PROJECT ENG: | SJL | S.J. Ludlow <i>Consulting Engineers, Inc.</i> 450 E. 96th St. Suite 500 Indianapolis, IN 46240 317-371-5539 www.sjlengineers.com |
| APPROVED BY: | KAL | |
| DRAWN BY: | JEO | |
| DATE AND TIME: | 01/10/2024 | |
| DRAWING NO.: | 1-21-095.B22 | |



PLAN VIEW - PROPOSED DEWATERING PLAN
SCALE: 1/64" = 1'-0"

NOTES

1. FIELD VERIFY LOCATION OF EXISTING UTILITIES IN RELATION TO PROPOSED DEWATERING WELLS. NOTIFY SJL ENGINEERS IF DEWATERING WELLS NEED TO BE RELOCATED.
2. DISCHARGE OF GROUNDWATER TO BE LOCATED BY FAW AT APPROVED LOCATIONS.

PLAN VIEW - PROPOSED DEWATERING PLAN

PROJECT: PLEASANT RUN DEEP TUNNEL SYSTEM
 LOCATION: INDIANAPOLIS, IN
 CLIENT: F.A. WILHELM CONSTRUCTION CO., INC.
 SJL PROJ. NO.: 1-21-095
 SCALE: AS SHOWN

PROJECT ENG: SJL
 APPROVED BY: KAL
 DRAWN BY: JEO
 DATE AND TIME: 01/10/2024

S.J. Ludlow
 Consulting Engineers, Inc.
 450 E. 96th St. Suite 500
 Indianapolis, IN 46240
 317-371-5539
 www.sjengineers.com

DRAWING NO.: 1-21-095.B23



File name: 1-21-095.15.REV1.DWG Date: 01/09/2024 10:29:14 PM