



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Eric J. Holcomb
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Commissioner

August 22, 2018

VIA CERTIFIED MAIL

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AUG 24 2018

Mr. Mike Keaffaber, Superintendent
Metropolitan School District of Wabash County
204 North 300 West
Wabash, Indiana 46992

Dear Mr. Keaffaber:

Re: 327 IAC 3 Construction
Permit Application
Southwood Junior/Senior High School
Wastewater Treatment Plant Improvements and
Southwood Elementary School Lift Station and
Force Main
Permit Approval No. 22757
Wabash, Indiana
Wabash County

The application, plans and specifications, and supporting documents for the above-referenced project have been reviewed and processed in accordance with rules adopted under 327 IAC 3. Enclosed is the Construction Permit (Approval No. 22757), which applies to the construction of the above-referenced proposed Southwood Junior/Senior High School Wastewater Treatment Plant (WWTP) Improvements to be located at the existing Southwood Junior/Senior High School WWTP site at 564 East State Road 124, and the proposed Southwood Elementary School Lift Station and Force Main to be located near the existing Southwood Elementary School WWTP site at 800 East State Road 124.

Please review the enclosed permit carefully and become familiar with its terms and conditions. In addition, it is imperative that the applicant, consulting architect/engineer (A/E), inspector, and contractor are aware of these terms and conditions.

It should be noted that any person affected or aggrieved by the agency's decision in authorizing the construction of the above-referenced facility may, within fifteen (15) days from date of mailing, appeal by filing a request with the Office of Environmental Adjudication for an adjudicatory hearing in accordance with IC 4-21.5-3-7 and IC 13-15-6. The procedure for appeal is outlined in more detail in Part III of the attached construction permit.



A State that Works

Plans and specifications were prepared by United Consulting, and certified by Mr. Keith Bryant, P.E., and submitted for review on June 22, 2018, with additional information submitted on July 24, July 27, July 30, and August 02, 2018.

Any questions concerning this permit may be addressed to Mr. Dharmendra Parikshak, of our staff, at 317/232-8660.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale T. Schnaith". The signature is fluid and cursive, with a large initial "D" and a stylized "S".

Dale T. Schnaith, Chief
Facility Construction and
Engineering Support Section
Office of Water Quality

Project No. PS-1711

Enclosures

cc: Wabash County Health Department
Wabash County Commissioner
Keith Bryant, P.E., United Consulting

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AUTHORIZATION FOR CONSTRUCTION OF
WATER POLLUTION TREATMENT/CONTROL FACILITY
UNDER 327 IAC 3

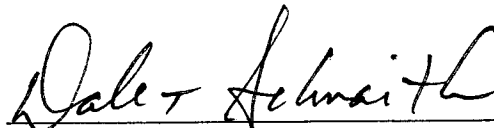
DECISION OF APPROVAL

Metropolitan School District of Wabash County, in accordance with the provisions of IC 13-15 and 327 IAC 3 is hereby issued a permit to construct the proposed Southwood Junior/Senior High School Wastewater Treatment Plant (WWTP) Improvements located at the existing Southwood Junior/Senior High School WWTP site at 564 East State Road 124, and the proposed Southwood Elementary School Lift Station and Force Main located near the existing Southwood Elementary School WWTP site at 800 East State Road 124. The permittee is required to comply with requirements set forth in Parts I, II and III hereof. The permit is effective pursuant to IC 4-21.5-3-4(d). If a petition for review and a petition for stay of effectiveness are filed pursuant to IC 13-15-6, an Environmental Law Judge may be appointed for an adjudicatory hearing. The force and effect of any contested permit provision may be stayed at that time.

NOTICE OF EXPIRATION DATE

Authorization to initiate construction of the proposed Southwood Junior/Senior High School WWTP Improvements and Southwood Elementary School Lift Station and Force Main shall expire at midnight September 1, 2019. In order to receive authorization to initiate construction beyond this date, the permittee shall submit such information and forms as required by the Indiana Department of Environmental Management. It is requested that this information be submitted sixty (60) days prior to the expiration date to initiate construction. This permit shall be valid for a period of five (5) years from the date below for full construction completion.

Signed this 22nd day of August, 2018, for the Indiana Department of Environmental Management.



Dale T. Schnaith, Chief
Facility Construction and
Engineering Support Section
Office of Water Quality

WATER POLLUTION TREATMENT/CONTROL FACILITY DESCRIPTION

The Metropolitan School District of Wabash County (MSDWC) currently operates a Class I, 0.019 MGD extended aeration package-type WWTP at Southwood Junior/Senior High School (IN0030619) and a Class I, 0.011 MGD (IN0030635) extended aeration package-type WWTP at Southwood Elementary School. The WWTP at the Southwood Junior/Senior High School (IN0030619) consist of a comminutor, surge tank, aeration basin, final clarifier, chlorination/dechlorination facilities and effluent flow meter. The WWTP at the Southwood Elementary School (IN0030635) consist of a comminutor, bar screen, surge tank, aeration basin, final clarifier, chlorination/dechlorination facilities and effluent flow meter. Sludge handling facilities at both WWTPs include an aerated sludge holding tank with final solids being hauled offsite by contract hauler.

The proposed project involves demolition of the existing WWTP located at the Southwood Elementary School and installation of 76 gpm @ 51' TDH duplex reversible submersible grinder lift station and approximately 1,200 LF of 3-inch HDPE DR-11 (ASTM F-714) sanitary sewer force main to pump wastewater from the Southwood Elementary School to the WWTP at the Southwood Junior/Senior High School which will undergo significant improvements. Approximately, 130 LF of 3-inch HDPE DR-11 (ASTM F-714) sanitary sewer force main crossing under Treaty Creek will be installed via horizontal direction drilling method.

The proposed installation of approximately 130 LF of 3-inch HDPE DR-11 (ASTM F-714) sanitary sewer force main crossing under Treaty Creek via horizontal direction drilling method is approved as a technical standard alternative per 327 IAC 3-6-21.

The proposed improvements at the Southwood Junior/High School includes:

- Installation of approximately 600 LF of 8-inch PVC SDR 35 pipe to divert influent wastewater flows to new flow equalization basin
- One new flow equalization basin (with fine bubble diffusers) and sludge holding (with coarse bubble diffusers) structure including 1-inch coarse bar screen, two 130 SCFM each rotary positive displacement blowers etc.
- Installation of two new 43 gpm @ 17.5' TDH duplex reversible submersible grinder pumps in the new flow equalization basin and flow splitter box to limit/control wastewater flows going into aeration tank to 43,200 GPD (30 gpm)
- Replacement of existing diffusers in the existing aeration tank with new fine bubble diffusers
- Replacement of some of the existing equipment in the existing clarifier tank
- One new pole building at the existing aeration and clarifier tank structure with two 60 SCFM each rotary positive displacement blowers for aeration tank and clarifier airlift pump
- New floatable collection/polishing structure
- New ultraviolet light (UV) disinfection structure

- New WWTP effluent flow meter structure
- New plant drain/supernatant lift station structure including a 33 gpm @ 42' TDH simplex reversible submersible grinder pump
- Installation of approximately 210 LF of 6-inch PVC SDR 35 effluent piping to outfall structure
- Improvements to existing outfall structure
- Demolition, site work, erosion control, piping, valves, electrical, instrumentation and control work associated with the proposed project

CONDITIONS AND LIMITATIONS TO THE AUTHORIZATION FOR
CONSTRUCTION OF WATER POLLUTION TREATMENT/CONTROL FACILITY

During the period beginning on the effective date of this permit and extending until the expiration date, the permittee is authorized to construct the above described water pollution treatment/control facility. Such construction shall conform to all provisions of State Rule 327 IAC 3 and the following specific provisions:

PART I

SPECIFIC CONDITIONS AND LIMITATIONS TO THE CONSTRUCTION PERMIT

Unless specific authorization is otherwise provided under the permit, the permittee shall comply with the following conditions:

1. Additional treatment facilities shall be installed if the proposed facilities prove to be inadequate or cannot meet applicable federal or state standards.
2. All local permits, including zoning, shall be obtained before construction is begun on this project.
3. If pollution or nuisance conditions are created, immediate corrective action will be taken by the permittee.
4. If construction is located within a floodway, a permit may also be required from The Department of Natural Resources prior to the start of construction. It is the permittee's responsibility to coordinate with that agency and obtain any required approvals if applicable. Questions may be directed to the Technical Services Section, Division of Water at 317/232-4160.
5. If this project includes a change in design flow, addition of new treatment unit(s), or modification/removal of existing treatment unit(s), an NPDES Permit modification will likely be required. This would include any CSO

treatment addition/modification. Questions may be directed to the NPDES Permit Section, Office of Water Quality at 317/233-0469.

6. The sewage treatment plant must be capable of providing the same degree of treatment during construction as prior to of the existing facilities. If this is not feasible, the plans for reduced degree of treatment must be submitted to the Department of Environmental Management for consideration of approval.
7. Plans for sewer construction under streams shall be submitted to the Department of Natural Resources for consideration of approval prior to the start of construction.
8. An audio-visual alarm shall be installed for the proposed lift station.
9. All gravity sewer pipe must be leak tested using either a hydrostatic test or air test in accordance with 327 IAC 3-6-19(d). If using a hydrostatic test, the rate of exfiltration or infiltration shall not exceed 200 gallons per inch of pipe diameter per linear mile per day. Air tests shall be as prescribed.
10. The results of the gravity sewer leakage test and/or force main leakage test on the completed sewer must be submitted to this office within three months of completion of construction.
11. Air-relief valves shall be installed at high points in the force main.
12. A drop pipe must be provided for all sewers entering a manhole at an elevation of 24 inches or more above the manhole invert.
13. All force mains must be pressure and leak tested in accordance with 327 IAC 3-6-19(e).
14. Deflection tests must be performed on all flexible* pipe after the final backfill has been in place at least 30 days. No pipe shall exceed a vertical deflection of 5%. Deflection test results shall be submitted with the infiltration/exfiltration test results. (*The following are considered nonflexible pipes: vitrified clay pipe, concrete pipe, ductile iron pipe, cast iron pipe, asbestos cement pipe.)
15. Manholes shall be air tested in accordance with ASTM C1244-93, Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test. The manhole test results shall be submitted with the gravity sewer leakage test results.

Failure to meet guidelines as set forth in the above conditions could be subject to enforcement proceedings as provided by 327 IAC 3-5-3.

PART II

GENERAL CONDITIONS

1. No significant or material changes in the scope of the plans or construction of this project shall be made unless the following provisions are met:
 - a. Request for permit modification is made 60 days in advance of the proposed significant or material changes in the scope of the plans or construction;
 - b. Submit a detailed statement of such proposed changes;
 - c. Submit revised plans and specifications including a revised design summary; and
 - d. Obtain a revised construction permit from this agency.
2. This permit may be modified, suspended, or revoked for cause including, but not limited to the following:
 - a. Violation of any term or conditions of this permit:
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts.
3. Nothing herein shall be construed as guaranteeing that the proposed water pollution treatment/control facility shall meet standards, limitations or requirements of this or any other agency of state or federal government, as this agency has no direct control over the actual construction and/or operation of the proposed project.

PART III

NOTICE OF RIGHT TO ADMINISTRATIVE REVIEW

Anyone wishing to challenge this construction permit must do so by filing a Petition for Administrative Review with the Office of Environmental Adjudication (OEA), and serving 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 notice was received by U.S. Mail), and a copy must be served upon IDEM. Addresses are:

Director
Office of Environmental Adjudication
Indiana Government Center North
Room 103
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 the Petitioner's 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 Petitioner seeks to have a permit stayed during the administrative review, he or she 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. Those who 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 must submit a written request to OEA at the address above.

More information on the review process is available at the website for the Office of Environmental Adjudication at <http://www.in.gov/oea>.