



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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Governor

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Commissioner

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ELECTRONIC MAIL

December 20, 2010

The Honorable Duke Bennett, Mayor
City of Terre Haute
17 Harding Ave.
City Hall, Room 200
Terre Haute, Indiana 47807

Dear Mayor Bennett:

Re: Final NPDES Permit No. IN0025607
City of Terre Haute Wastewater Treatment Plant
Vigo County

Your application for a National Pollutant Discharge Elimination System (NPDES) permit has been processed in accordance with Sections 402 and 405 of the Federal Water Pollution Control Act as amended, (33 U.S.C. 1251, et seq.), and IDEM's permitting authority under IC 13-15. The enclosed NPDES permit covers your discharges to the Wabash River. All discharges from this facility shall be consistent with the terms and conditions of this permit.

One condition of your permit requires monthly reporting of several effluent parameters. Reporting is to be done on the Monthly Report of Operation (MRO) form. This form is available on the internet at the following web site:

<http://www.in.gov/idem/5104.htm>

You should duplicate this form as needed for future reporting.

Another condition which needs to be clearly understood concerns violation of the effluent limitations in the permit. Exceeding the limitations constitutes a violation of the permit and may bring criminal or civil penalties upon the permittee. (See Part II.A.1 and II.A.11 of this permit). It is very important that your office and treatment operator understand this part of the permit.

The Honorable Duke Bennett, Mayor
Page 2

Please note that this permit issuance can be appealed. An 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 you within 18 days from the date this letter is postmarked, by filing a request for an adjudicatory hearing with the Office of Environmental Adjudication (OEA), at the following address:

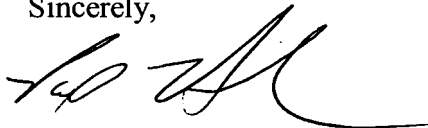
Office of Environmental Adjudication
Indiana Government Center North
100 North Senate Avenue, Room 501
Indianapolis, IN 46204

Please send a copy of any such appeal to me at IDEM, Office of Water Quality-Mail Code 65-42, 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.

The permit should be read and studied. It requires certain action at specific times by you, the discharger, or your authorized representative. One copy of this permit is also being sent to your operator to be kept at the treatment facility. You may wish to call this permit to the attention of your consulting engineer and/or attorney.

If you have any questions concerning your NPDES permit, please contact Leigh Voss at 317/232-8698. Questions concerning appeal procedures should be directed to the Office of Environmental Adjudication, at 317/232-8591.

Sincerely,



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

Enclosures

cc: Vigo County Health Department
C. Mark Thompson, Superintendent
U.S. EPA, Region 5
Fred Andes, Barnes & Thornberg
Guido Borgnini, HNTB

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Act"), Title 13 of the Indiana Code, and regulations adopted by the Water Pollution Control Board, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

CITY OF TERRE HAUTE BOARD OF PUBLIC WORKS


hereinafter referred to as "the permittee." The permittee owns and/or operates the **City of Terre Haute Wastewater Treatment Plant**, a major municipal wastewater treatment plant located at 3200 South State Road 63, Terre Haute, Indiana, Vigo County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named the Wabash River in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. The permittee is also authorized to discharge from combined sewer overflow outfalls listed in Attachment A of this permit, to receiving waters named the Wabash River in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Attachment A. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

Effective Date: January 1, 2011.

Expiration Date: December 31, 2015.

In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and application forms as are required by the Indiana Department of Environmental Management. The application shall be submitted to IDEM at least 180 days prior to the expiration date of this permit, unless a later date is allowed by the Commissioner in accordance with 327 IAC 5-3-2 and Part II.A.4 of this permit.

Issued on December 20, 2010, for the Indiana Department of Environmental Management.



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

TREATMENT FACILITY DESCRIPTION

The permittee currently operates a Class IV, 24 MGD activated sludge treatment facility consisting of aerated grit tanks, comminutors, pre-aeration, primary clarification, flow equalization, aeration tanks, secondary clarification, effluent flow measurement and chlorination and dechlorination facilities. Sludge treatment consists of gravity belt thickeners and anaerobic digestion with final sludge either being stored, land applied or landfilled.

The collection system is combined sanitary and storm sewers with ten (10) Combined Sewer Overflows (CSOs) permitted in Attachment A of this permit. The treatment facility contains one (1) internal bypass point which is identified and addressed in Part II.B.2.h of this permit.

The mass limits for CBOD₅, TSS and ammonia-nitrogen are based on the wet weather peak flow of 48 MGD, in accordance with this Office's CSO policy in order to facilitate the maximization of flow through the treatment facility.

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee shall take samples and measurements at a location representative of each discharge to determine whether the effluent limitations have been met. Refer to Part I.B of this permit for additional monitoring and reporting requirements.

- Beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 39° 28' 0" N, Longitude: 87° 25' 0" W. The discharge is subject to the following requirements:

TABLE 1

<u>Parameter</u>	<u>Quantity or Loading</u>			<u>Quality or Concentration</u>			<u>Monitoring Requirements</u>	
	<u>Monthly Average</u>	<u>Weekly Average</u>	<u>Units</u>	<u>Monthly Average</u>	<u>Weekly Average</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow [1]	Report	Report	MGD	----	----	----	Daily	24-Hr. Total
CBOD ₅	10,014	16,022	lbs/day	25	40	mg/l	Daily	24-Hr. Composite
TSS	12,017	18,025	lbs/day	30	45	mg/l	Daily	24-Hr. Composite
Ammonia-nitrogen								
Summer [2]	1,843	2,764	lbs/day	4.6	6.9	mg/l	Daily	24-Hr. Composite
Winter [3]	2,604	3,925	lbs/day	6.5	9.8	mg/l	Daily	24-Hr. Composite

TABLE 2

<u>Parameter</u>	<u>Quality or Concentration</u>				<u>Monitoring Requirements</u>	
	<u>Daily Minimum</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
pH [4]	6.0	----	9.0	s.u.	Daily	Grab
Total Residual Chlorine [5]						
Final Effluent [6]	----	0.02	0.04	mg/l	Daily	Grab
<i>E. coli</i> [7]	----	125 [8]	235 [9]	cfu/100 ml	Daily	Grab

- [1] Effluent flow measurement is required per 327 IAC 5-2-13. The flow meter(s) shall be calibrated at least once annually.
- [2] Summer limitations apply from May 1 through November 30 of each year.
- [3] Winter limitations apply from December 1 through April 30 of each year.
- [4] If the permittee collects more than one grab sample on a given day for pH, the values shall not be averaged for reporting daily maximums or daily minimums. The permittee must report the minimum and maximum pH values of any individual samples during the month on the Discharge Monitoring Report forms.
- [5] The effluent shall be disinfected on a continuous basis such that violations of the applicable bacteriological limitations (fecal coliform or *E. coli*) do not occur from April 1 through October 31, annually. If the permittee uses chlorine for any reason, at any time including the period from November 1 through March 31, then the limits and monitoring requirements in Table 2 for Total Residual Chlorine (TRC) shall be in effect whenever chlorine is used.
- [6] In accordance with 327 IAC 5-2-11.1(f), compliance with this permit will be demonstrated if the measured effluent concentrations are less than the limit of quantitation (0.06 mg/l). If the measured effluent concentrations are above the water quality-based permit limitations and above the Limit of Detection (LOD) specified by the permit in any of three (3) consecutive analyses or any five (5) out of nine (9) analyses, the permittee is required to reevaluate its chlorination/dechlorination practices to make any necessary changes to assure compliance with the permit limitation for TRC. These records must be retained in accordance with the record retention requirements of Part I.B.8 of this permit.

Effluent concentrations greater than or equal to the LOD but less than the Limit of Quantitation (LOQ), shall be reported on the discharge monitoring report forms as the measured value. A note must be included with the DMR indicating that the value is not quantifiable. Effluent concentrations less than the limit of detection shall be reported on the discharge monitoring report forms as less than the value of the limit of detection. For example, if a substance is not detected at a concentration of 0.01 mg/l, report the value as < 0.01 mg/l. At present, two

methods are considered to be acceptable to IDEM, amperometric and DPD colorimetric methods, for chlorine concentrations at the level of 0.06 mg/l.

<u>Parameter</u>	<u>LOD</u>	<u>LOQ</u>
Chlorine	0.02 mg/l	0.06 mg/l

Case-Specific MDL

The permittee may determine a case-specific Method Detection Level (MDL) using one of the analytical methods specified above, or any other test method which is approved by IDEM prior to use. The MDL shall be derived by the procedure specified for MDLs contained in 40 CFR Part 136, Appendix B, and the limit of quantitation shall be set equal to 3.18 times the MDL. Other methods may be used if first approved by the U.S. EPA and IDEM.

- [7] The *Escherichia coli* (*E. coli*) limitations apply from April 1 through October 31 annually. IDEM has specified the following methods as allowable for the detection and enumeration of *Escherichia coli* (*E. coli*):

1. Coliscan MF® Method
2. EPA Method 1103.1 using original m-TEC agar.
3. EPA revised Method 1103.1 using modified m-TEC agar.
4. *Standard Methods* 20th Edition Method 9223 B using Colilert®

- [8] The monthly average *E. coli* value shall be calculated as a geometric mean. Per 327 IAC 5-10-6, the concentration of *E. coli* shall not exceed one hundred twenty-five (125) cfu or mpn per 100 milliliters as a geometric mean of the effluent samples taken in a calendar month. No samples may be excluded when calculating the monthly geometric mean.

- [9] If less than ten samples are taken and analyzed for *E. coli* in a calendar month, no samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. However, when ten (10) or more samples are taken and analyzed for *E. coli* in a calendar month, not more than ten percent (10%) of those samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. When calculating ten percent, the result must not be rounded up. In reporting for compliance purposes on the Discharge Monitoring Report (DMR) form, the permittee shall record the highest non-excluded value for the daily maximum.

2. Minimum Narrative Limitations

At all times the discharge from any and all point sources specified within this permit shall not cause receiving waters:

- a. including the mixing zone, to contain substances, materials, floating debris, oil, scum or other pollutants:

- (1) that will settle to form putrescent or otherwise objectionable deposits;
 - (2) that are in amounts sufficient to be unsightly or deleterious;
 - (3) that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
 - (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
 - (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

3. Additional Discharge Limitations and Monitoring Requirements

Beginning on the effective date of the permit, the effluent from Outfall 001 shall be limited and monitored by the permittee as follows:

TABLE 3

<u>Pollutant</u>	<u>Quality or Concentration</u>		<u>Unit</u>	<u>Monitoring Requirements</u>	
	<u>Monthly Average</u>	<u>Daily Maximum</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
Cadmium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chromium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Copper [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Cyanide [1]	----	Report	mg/l	Quarterly	See [2] Below
Lead [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Mercury [1][3]					
Interim [4]	----	Report	ng/l	6 X Annually	Grab
Final [4]	12	20	ng/l	6 X Annually	Grab
Nickel [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Silver [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Zinc [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.

Note: For measurement frequencies less than once per month, the permittee shall report the result from the monitoring period on the Discharge Monitoring Report (DMR) for the final month of the reporting timeframe, beginning with January of each year. For example, for quarterly monitoring, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

- [1] The permittee shall measure and report this parameter as Total Recoverable Metal. Cyanide shall be reported as Free Cyanide or Cyanide Amenable to Chlorination. Concentrations less than the Limit of Quantitation (LOQ) and greater than or equal to the Limit of Detection (LOD) shall be reported by the permittee on the discharge monitoring report forms as the actual measured value. Concentrations less than the limit of detection shall be reported on the discharge monitoring report forms as less than the value of the limit of detection. For example, if a substance is not detected and the LOD is 0.1 mg/l, report the value as < 0.1 mg/l.

The following EPA test methods and/or Standard Methods and associated LODs and LOQs are recommended for use in the analysis of the effluent samples. Alternative 40 CFR 136 approved methods may be used provided the LOD is less than the monthly average and/or daily maximum effluent limitations.

The permittee may determine a case-specific Method Detection Level (MDL) using one of the analytical methods specified below, or any other test method which is approved by IDEM prior to use. The MDL shall be derived by the procedure specified for MDLs contained in 40 CFR Part 136, Appendix B, and the limit of quantitation shall be set equal to 3.18 times the MDL. NOTE: The MDL for purposes of this document, is synonymous with the "limit of detection" or "LOD" as defined in 327 IAC 5-1.5-26: "the minimum concentration of a substance that can be measured and reported with ninety-nine percent (99%) confidence that the analyte concentration is greater than zero (0) for a particular analytical method and sample matrix".

<u>Parameter</u>	<u>EPA Method</u>	<u>LOD</u>	<u>LOQ</u>
Cadmium	3113 B	0.1 ug/l	0.32 ug/l
Chromium	3111 C or 3113 B	2.0 ug/l	6.4 ug/l
Copper	3113 B	1.0 ug/l	3.2 ug/l
Cyanide, Free	4500 CN-G	5.0 ug/l	16.0 ug/l
Cyanide, Free	1677	0.5 ug/l	1.6 ug/l
Lead	3113 B	1.0 ug/l	3.2 ug/l
Mercury	1631, Revision E	0.2 ng/l	0.5 ng/l
Nickel	3113 B	1.0 ug/l	3.2 ug/l
Silver	3113 B	0.2 ug/l	0.64 ug/l
Zinc	200.7, Revision 4.4 or 3120 B	2.0 ug/l	6.4 ug/l

- [2] The maximum holding time is 24 hours when sulfide is present. Therefore, initially the CN sample should be a grab sample that is tested with lead acetate paper before pH adjustments in order to determine if sulfide is present. If sulfide is present, it can be removed by the addition of cadmium nitrate powder until a negative spot test is obtained. The sample is filtered and then NaOH is added to pH 12. The sample may then be analyzed within 14 days. Alternatively, if the permittee can demonstrate that the wastewater contains no sulfide, the permittee may collect a composite sample and analyze it within 14 days.

[3] Mercury monitoring shall be conducted six times annually (i.e. every other month) for the term of the permit. Monitoring shall be conducted in the months of February, April, June, August, October, and December of each year. Mercury monitoring and analysis will be performed using EPA Test Method 1631, Revision E. If Method 1631, Revision E is further revised during the term of this permit, the permittee and/or its contract laboratory is required to utilize the most current version of the method immediately after approval by EPA.

[4] Refer to the Schedule of Compliance for Mercury in Part I.D. of the permit.

4. Additional Monitoring Requirements

Beginning on the effective date of this permit, the permittee shall conduct the following monitoring activities:

a. Influent Monitoring

In addition to the requirements contained in Part I.B.2 of the NPDES permit, the permittee shall monitor the influent to its wastewater treatment facility for the following pollutants. Samples shall be representative of the raw influent in accordance with 327 IAC 5-2-13(b).

TABLE 4

<u>Parameter</u>	<u>Quality or Concentration</u>			<u>Monitoring Requirements</u>	
	<u>Monthly Average</u>	<u>Daily Maximum</u>	<u>Unit</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Cadmium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chromium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Copper [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Cyanide [1]	----	Report	mg/l	Quarterly	See [2] Below
Lead [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Mercury [1][3]	----	Report	ng/l	6 X Annually	Grab
Nickel [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Silver [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Zinc [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.

Note: For measurement frequencies less than once per month, the permittee shall report the result from the monitoring period on the Discharge Monitoring Report (DMR) for the final month of the reporting timeframe, beginning with January of each year. For example, for quarterly monitoring, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

[1] The permittee shall measure and report this parameter as Total Recoverable Metal. Cyanide shall be reported as Free Cyanide or Cyanide Amenable to Chlorination. Concentrations less than the Limit of Quantitation (LOQ) and greater than or equal to

the Limit of Detection (LOD) shall be reported by the permittee on the discharge monitoring report forms as the actual measured value. Concentrations less than the limit of detection shall be reported on the discharge monitoring report forms as less than the value of the limit of detection. For example, if a substance is not detected and the LOD is 0.1 mg/l, report the value as < 0.1 mg/l.

- [2] The maximum holding time is 24 hours when sulfide is present. Therefore, initially the CN sample should be a grab sample that is tested with lead acetate paper before pH adjustments in order to determine if sulfide is present. If sulfide is present, it can be removed by the addition of cadmium nitrate powder until a negative spot test is obtained. The sample is filtered and then NaOH is added to pH 12. The sample may then be analyzed within 14 days. Alternatively, if the permittee can demonstrate that the wastewater contains no sulfide, the permittee may collect a composite sample and analyze it within 14 days.
- [3] Mercury monitoring shall be conducted six times annually (i.e. every other month) for the term of the permit. Monitoring shall be conducted in the months of February, April, June, August, October, and December of each year. Mercury monitoring and analysis will be performed using EPA Test Method 1631, Revision E. If Method 1631, Revision E is further revised during the term of this permit, the permittee and/or its contract laboratory is required to utilize the most current version of the method immediately after approval by EPA.

b. Organic Pollutant Monitoring

The permittee shall conduct an annual inventory of organic pollutants (see 40 CFR 423, Appendix A) and shall identify and quantify additional organic compounds which occur in the influent, effluent, and sludge. The analytical report shall be sent to the Pretreatment Group. This report is due in December of each year. The inventory shall consist of:

(1) Sampling and Analysis of Influent and Effluent

Sampling shall be conducted on a day when industrial discharges are occurring at normal or maximum levels. The samples shall be 24-hour flow proportional composites, except for volatile organics, which shall be taken by appropriate grab sampling techniques. Analysis for the U.S. EPA organic priority pollutants shall be performed using U.S. EPA methods 624, 625 and 608 in 40 CFR 136, or other equivalent methods approved by U.S. EPA. Equivalent methods must be at least as sensitive and specific as methods 624, 625 and 608.

All samples must be collected, preserved and stored in accordance with 40 CFR 136, Appendix A. Samples for volatile organics must be analyzed within

14 days of collection. Samples for semivolatile organics, PCBs and pesticides must be extracted within 7 days of collection and analyzed within 40 days of extraction. For composite samples, the collection date shall be the date at the end of the daily collection period.

(2) Sampling and Analysis of Sludge

Sampling collection, storage, and analysis shall conform to the U.S. EPA recommended procedures equivalent to methods in accordance with 40 CFR 503. Special sampling and/or preservation techniques will be required for those pollutants which deteriorate rapidly.

Sludge samples for volatile organics must be analyzed within 14 days of collection. Sludge samples for semivolatile organics, PCBs and pesticides must be extracted within 14 days of collection and analyzed within 40 days of extraction.

(3) Additional Pollutant Identification

In addition to the priority pollutants, a reasonable attempt shall be made to identify and quantify the ten most abundant constituents of each fraction (excluding priority pollutants and unsubstituted aliphatic compounds) shown to be present by peaks on the total ion plots (reconstructed gas chromatograms) more than ten times higher than the adjacent background noise. Identification shall be attempted through the use of U.S. EPA/NIH computerized library of mass spectra, with visual confirmation by an experienced analyst. Quantification may be based on an order of magnitude estimate based upon comparison with an internal standard.

The annual pretreatment program report required by Part III.A.7. of this permit, should identify the additional steps necessary to determine whether the pollutants that are present interfere, pass through, or otherwise violate 40 CFR 403.2. Upon such determination, the report must also identify the steps taken to develop and enforce local limitations on industrial discharges for those pollutants. This is a requirement of 40 CFR 403.5.

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge flow and shall be taken at times which reflect the full range and concentration of effluent parameters normally expected to be present. Samples shall not be taken at times to avoid showing elevated levels of any parameters.

2. Data on Plant Operation

The raw influent and the wastewater from intermediate unit treatment processes, as well as the final effluent shall be sampled and analyzed for the pollutants and operational parameters specified by the applicable Monthly Report of Operation Form, as appropriate, in accordance with 327 IAC 5-2-13. Except where the permit specifically states otherwise, the sample frequency for the raw influent and intermediate unit treatment process shall be at a minimum the same frequency as that for the final effluent. The measurement frequencies specified in each of the tables in Part I.A. are the minimum frequencies required by this permit.

3. Monthly Reporting

The permittee shall submit accurate monitoring reports to the Indiana Department of Environmental Management containing results obtained during the previous month and shall be postmarked no later than the 28th day of the month following each completed monitoring period. The first report shall be submitted by the 28th day of the month following the month in which the permit becomes effective. These reports shall include, but not necessarily be limited to, the Discharge Monitoring Report (DMR) and the Monthly Report of Operation (MRO). Permittees with metals monitoring requirements shall also complete and submit the Indiana Monthly Monitoring Report Form (MMR-State Form 30530) to report their influent and/or effluent data for metals and other toxics. Permittees with combined sewer overflow discharges must also submit the CSO Discharge Monitoring Report to IDEM by the 28th day of the month following each completed monitoring period. All reports shall be mailed to IDEM, Office of Water Quality – Mail Code 65-42, Compliance Data Section, 100 North Senate Ave., Indianapolis, Indiana 46204-2251. The Regional Administrator may request the permittee to submit monitoring reports to the Environmental Protection Agency if it is deemed necessary to assure compliance with the permit.

A calendar week will begin on Sunday and end on Saturday. Partial weeks consisting of four or more days at the end of any month will include the remaining days of the week, which occur in the following month in order to calculate a consecutive seven-day average. This value will be reported as a weekly average or seven-day average on the MRO for the month containing the partial week of four or more days. Partial calendar weeks consisting of less than four days at the end of any month will be carried forward to the succeeding month and reported as a weekly average or a seven-day average for the calendar week that ends with the first Saturday of that month.

4. Definitions

a. Calculation of Averages

Pursuant to 327 IAC 5-2-11(a)(5), the calculation of the average of discharge data shall be determined as follows: For all parameters except fecal coliform and *E. coli*, calculations that require averaging of sample analyses or measurements of daily discharges shall use an arithmetic mean unless otherwise specified in this permit. For fecal coliform, the monthly average discharge and weekly average discharge, as concentrations, shall be calculated as a geometric mean. For *E. coli*, the monthly average discharge, as a concentration, shall be calculated as a geometric mean.

b. Terms

- (1) "Monthly Average" - The monthly average discharge means the total mass or flow-weighted concentration of all daily discharges during a calendar month on which daily discharges are sampled or measured, divided by the number of daily discharges sampled and/or measured during such calendar month. The monthly average discharge limitation is the highest allowable average monthly discharge for any calendar month.
- (2) "Weekly Average" - The weekly average discharge means the total mass or flow weighted concentration of all daily discharges during any calendar week for which daily discharges are sampled or measured, divided by the number of daily discharges sampled and/or measured during such calendar week. The average weekly discharge limitation is the maximum allowable average weekly discharge for any calendar week.
- (3) "Daily Maximum" - The daily maximum discharge limitation is the maximum allowable daily discharge for any calendar day. The "daily discharge" means the total mass of a pollutant discharged during the calendar day or, in the case of a pollutant limited in terms other than mass pursuant to 327 IAC 5-2-11(e), the average concentration or other measurement of the pollutant specified over the calendar day or any twenty-four hour period that represents the calendar day for purposes of sampling.
- (4) "24-hour Composite" - A 24-hour composite sample consists of at least ten (10) individual flow-proportioned samples of wastewater, taken by the grab sample method over equal time intervals during the period of operator attendance or by an automatic sampler, which are taken at approximately equally spaced time intervals for the duration of the discharge within a 24-hour period and which are combined prior to analysis. A flow proportioned composite sample shall be obtained by:

- (a) recording the discharge flow rate at the time each individual sample is taken,
 - (b) adding together the discharge flow rates recorded from each individual sampling time to formulate the "total flow value,"
 - (c) dividing the discharge flow rate of each individual sampling time by the total flow value to determine its percentage of the total flow value, and
 - (d) multiplying the volume of the total composite sample by each individual sample's percentage to determine the volume of that individual sample which will be included in the total composite sample.
- (5) CBOD₅: Five-day Carbonaceous Biochemical Oxygen Demand
- (6) TSS: Total Suspended Solids
- (7) *E. coli*: Escherichia coli bacteria
- (8) The "Regional Administrator" is defined as the Region V Administrator, U.S. EPA, located at 77 West Jackson Boulevard, Chicago, Illinois 60604.
- (9) The "Commissioner" is defined as the Commissioner of the Indiana Department of Environmental Management, located at the following address: 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.
- (10) Limit of Detection or LOD is defined as a measurement of the concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero (0) for a particular analytical method and sample matrix. The LOD is equivalent to the Method Detection Level or MDL.
- (11) Limit of Quantitation or LOQ is defined as a measurement of the concentration of a contaminant obtained by using a specified laboratory procedure calibrated at a specified concentration about the method detection level. It is considered the lowest concentration at which a particular contaminant can be quantitatively measured using a specified laboratory procedure for monitoring of the contaminant. This term is also called the limit of quantification or quantification level.
- (12) Method Detection Level or MDL is defined as the minimum concentration of an analyte (substance) that can be measured and reported with a ninety-nine percent (99%) confidence that the analyte concentration is greater than zero (0) as determined by the procedure set forth in 40 CFR Part 136, Appendix B. The method detection level or MDL is equivalent to the LOD.

5. Test Procedures

The analytical and sampling methods used shall conform to the current version of 40 CFR, Part 136, unless otherwise specified within this permit. Multiple editions of Standard Methods for the Examination of Water and Wastewater are currently approved for most methods, however, 40 CFR Part 136 should be checked to ascertain if a particular method is approved for a particular analyte. The approved methods may be included in the texts listed below. However, different but equivalent methods are allowable if they receive the prior written approval of the State agency and the U.S. Environmental Protection Agency.

- a. Standard Methods for the Examination of Water and Wastewater
18th, 19th, or 20th Editions, 1992, 1995 or 1998 American Public Health Association, Washington, D.C. 20005.
- b. A.S.T.M. Standards, Part 23, Water; Atmospheric Analysis
1972 American Society for Testing and Materials, Philadelphia, PA 19103.
- c. Methods for Chemical Analysis of Water and Wastes
June 1974, Revised, March 1983, Environmental Protection Agency, Water Quality Office, Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, OH 45202.

6. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record and maintain records of all monitoring information on activities under this permit, including the following information:

- a. The exact place, date, and time of sampling or measurements;
- b. The person(s) who performed the sampling or measurements;
- c. The dates and times the analyses were performed;
- d. The person(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of all required analyses and measurements.

7. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Monthly Discharge Monitoring Report and on the Monthly Report of Operation form. Such increased frequency shall also be indicated on these forms. Any such additional monitoring data which indicates a violation of a permit limitation shall be followed up by the permittee, whenever feasible, with a monitoring sample obtained and analyzed pursuant to approved analytical methods. The results of the follow-up sample shall be reported to the Commissioner in the Monthly Discharge Monitoring Report.

8. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recording from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years. In cases where the original records are kept at another location, a copy of all such records shall be kept at the permitted facility. The three-year period shall be extended:

- a. automatically during the course of any unresolved litigation regarding the discharge of pollutants by the permittee or regarding promulgated effluent guidelines applicable to the permittee; or
- b. as requested by the Regional Administrator or the Indiana Department of Environmental Management.

C. REOPENING CLAUSES

In addition to the reopening clause provisions cited at 327 IAC 5-2-16, the following reopening clauses are incorporated into this permit:

1. This permit may be modified or, alternately, revoked and reissued after public notice and opportunity for hearing to incorporate effluent limitations reflecting the results of a wasteload allocation if the Department of Environmental Management determines that such effluent limitations are needed to assure that State Water Quality Standards are met in the receiving stream.
2. This permit may be modified due to a change in sludge disposal standards pursuant to Section 405(d) of the Clean Water Act, if the standards when promulgated contain different conditions, are otherwise more stringent, or control pollutants not addressed by this permit.

3. This permit may be modified, or, alternately, revoked and reissued, to comply with any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent limitation or standard so issued or approved:
 - a. contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
 - b. controls any pollutant not limited in the permit.
4. This permit may be modified, or alternately, revoked and reissued after public notice and opportunity for hearing to include Whole Effluent Toxicity (WET) limitations or to include limitations for specific toxicants if the results of the biomonitoring and/or the Toxicity Reduction Evaluation (TRE) study indicate that such limitations are necessary.
5. This permit may be modified, or alternately, revoked and reissued, after public notice and opportunity for hearing, to include a case-specific Method Detection Level (MDL). The permittee must demonstrate that such action is warranted in accordance with the procedure specified under Appendix B, 40 CFR Part 136, or approved by the Indiana Department of Environmental Management.
6. This permit may be modified or, alternatively, revoked and reissued after public notice and opportunity for hearing to incorporate additional requirements or limitations for specific toxicants if the required additional analyses in Part I.A. indicate that such additional requirements and/or limitations are necessary to assure that State Water Quality Standards are met in the receiving stream.

D. SCHEDULE OF COMPLIANCE FOR MERCURY

1. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality (OWQ) nine (9) months from the effective date of the permit. The progress report shall include, among other items, a description of the method(s) selected for meeting the final requirements for mercury. The final effluent limitations for mercury are deferred for the term of this compliance schedule, however the permittee must take steps to attempt to meet the final limitations as soon as reasonably possible. If the permittee determines prior to the conclusion of this compliance schedule that it can meet any of the final limitations, the permittee shall provide written notification to the Compliance Data Section of the Office of Water Quality. Monitoring and reporting of effluent mercury is required during the interim period in accordance with Part I.A.3 of the permit.
2. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality not later than the eighteen (18) months from the effective date of the permit.

3. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality not later than the twenty-seven (27) months from the effective date of the permit.
4. The permittee shall comply with all final requirements no later than the thirty-six (36) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality at this time.
5. If the permittee fails to comply with any deadline contained in the foregoing schedule, the permittee shall, within fourteen (14) days following the missed deadline, submit a written notice of noncompliance to the Compliance Data Section of the Office of Water Quality stating the cause of noncompliance, any remedial action taken or planned, and the probability of meeting the date fixed for compliance with final effluent limitations.

E. WHOLE EFFLUENT TOXICITY TESTING REQUIREMENTS

The 1977 Clean Water Act explicitly states, in Section 101(3) that it is the national policy that the discharge of toxic pollutants in toxic amounts be prohibited. In support of this policy the U.S. EPA in 1995 amended the 40 CFR 136.3 (Tables IA and II) by adding testing methods for measuring acute and short-term chronic toxicity of whole effluents and receiving waters. To adequately assess the character of the effluent, and the effects of the effluent on aquatic life, the permittee shall conduct Whole Effluent Toxicity Testing. Part 1 of this section describes the testing procedures, Part 2 describes the Toxicity Reduction Evaluation which is only required if the effluent demonstrates toxicity, as described in paragraph f.

1. Whole Effluent Toxicity Tests

The permittee shall conduct the series of bioassay tests described below to monitor the toxicity of the discharge from Outfall 001.

If toxicity is demonstrated as defined under paragraph f below, the permittee is required to conduct a toxicity reduction evaluation (TRE).

a. Bioassay Test Procedures and Data Analysis

- (1) All test organisms, test procedures and quality assurance criteria used shall be in accordance with the Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Water to Freshwater Organisms; Fourth Edition Section 13, Cladoceran (*Ceriodaphnia dubia*) Survival and Reproduction Test Method 1002.0; and Section 11, Fathead Minnow (*Pimephales promelas*) Larval Survival and Growth Test Method, (1000.0) EPA 821-R-02-013, October 2002, or most recent update.

- (2) Any circumstances not covered by the above methods, or that require deviation from the specified methods shall first be approved by the IDEM's Environmental Toxicology and Chemistry Section.
- (3) The determination of effluent toxicity shall be made in accordance with the Data Analysis general procedures for chronic toxicity endpoints as outlined in Section 9, and in Sections 11 and 13 of the respective Test Method (1000.0 and 1002.0) of Short-term Methods of Estimating the Chronic Toxicity of Effluent and Receiving Water to Freshwater Organisms (EPA 821-R-02-013), Fourth Edition, October 2002 or most recent update.

b. Types of Bioassay Tests

The permittee shall conduct a 7-day Cladoceran (*Ceriodaphnia dubia*) Survival and Reproduction Test and a 7-day Fathead Minnow (*Pimephales promelas*) Larval Survival and Growth Test on samples of the final effluent. All tests will be conducted on 24-hour composite samples of final effluent. All test solutions shall be renewed daily. On days three and five fresh 24-hour composite samples of the effluent collected on alternate days shall be used to renew the test solutions.

If in any control more than 10% of the test organisms die in 96 hours, or more than 20% of the test organisms die in 7 days, that test shall be repeated. In addition, if in the *Ceriodaphnia* test control the number of newborns produced per surviving female is less than 15, or if 60% of surviving control females have less than three broods; and in the fathead minnow test if the mean dry weight of surviving fish in the control group is less than 0.25 mg, that test shall also be repeated. Such testing will determine whether the effluent affects the survival, reproduction, and/or growth of the test organisms. Results of all tests regardless of completion must be reported to IDEM.

c. Effluent Sample Collection and Chemical Analysis

- (1) Samples for the purposes of Whole Effluent Toxicity Testing will be taken at a point that is representative of the discharge, but prior to discharge. The maximum holding time for whole effluent is 36 hours for a 24 hour composite sample. Bioassay tests must be started within 36 hours after termination of the 24 hour composite sample collection. Bioassay of effluent sampling may be coordinated with other permit sampling requirements as appropriate to avoid duplication.
- (2) Chemical analysis must accompany each effluent sample taken for bioassay test. The analysis detailed under Part I.A. should be conducted for the effluent sample. Chemical analysis must comply with approved EPA test methods.

d. Frequency and Duration

The toxicity tests specified in paragraph b. shall be conducted once every six months for the duration of the permit. The results of the toxicity tests are due (within each six month period as calculated from the effective date of the permit)(once within each twelve month period as calculated from twelve months after the effective date of the permit).

If toxicity is demonstrated as defined under paragraph f (1), (2) or (3), the permittee is required to conduct a Toxicity Reduction Evaluation (TRE) as specified in Section 2.

e. Reporting

- (1) Results shall be reported according to EPA 821-R-02-013, Section 10 (Report Preparation). Two copies of the completed report for each test shall be submitted to the Compliance Data Section of the IDEM no later than sixty days after completion of the test.
- (2) For quality control, the report shall include the results of appropriate standard reference toxic pollutant tests for chronic endpoints and historical reference toxic pollutant data with mean values and appropriate ranges for the respective test species *Ceriodaphnia dubia* and *Pimephales promelas*. Biomonitoring reports must also include copies of Chain-of-Custody Records and Laboratory raw data sheets.
- (3) Statistical procedures used to analyze and interpret toxicity data including critical values of significance used to evaluate each point of toxicity should be described and included as part of the biomonitoring report.

f. Demonstration of Toxicity

- (1) Acute toxicity will be demonstrated if the effluent is observed to have exceeded 1.0 TU_a(acute toxic units) based on 100% effluent for the test organism in 48 and 96 hours for *Ceriodaphnia dubia* or *Pimephales promelas*, respectively.
- (2) Chronic toxicity will be demonstrated if the effluent is observed to have exceeded 10.4 TU_c (chronic toxic units) for *Ceriodaphnia dubia* or *Pimephales promelas*.
- (3) If toxicity is found in any of the tests specified above, a confirmation toxicity test using the specified methodology and same test species shall be conducted within two weeks of receiving the chronic toxicity test results. If any two (2) consecutive tests, including any and all confirmation tests, indicate the presence of toxicity, the permittee must begin the implementation of a Toxicity Reduction Evaluation (TRE) as described below. The whole effluent toxicity tests required

above may be suspended (upon approval from IDEM) while the TRE is being conducted.

g. Definitions

- (1) TU_c is defined as $100/NOEC$ or $100/IC_{25}$, where the $NOEC$ or IC_{25} is expressed as a percent effluent in the test medium.
- (2) TU_a is defined as $100/LC_{50}$ where the LC_{50} is expressed as a percent effluent in the test medium of an acute Whole Effluent Toxicity (WET) test that is statistically or graphically estimated to be lethal to fifty percent (50%) of the test organisms.
- (3) "Inhibition concentration 25" or " IC_{25} " means the toxicant (effluent) concentration that would cause a twenty-five percent (25%) reduction in a nonquantal biological measurement for the test population. For example, the IC_{25} is the concentration of toxicant (effluent) that would cause a twenty-five percent (25%) reduction in mean young per female or in growth for the test population.
- (4) "No observed effect concentration" or " $NOEC$ " is the highest concentration of toxicant (effluent) to which organisms are exposed in a full life cycle or partial life cycle (short term) test, that causes no observable adverse effects on the test organisms, that is, the highest concentration of toxicant (effluent) in which the values for the observed responses are not statistically significantly different from the controls.

2. Toxicity Reduction Evaluation (TRE)

The development and implementation of a TRE (including any post-TRE biomonitoring requirements) is only required if toxicity is demonstrated as defined by Paragraph 1.f.

Milestone Dates: see sections a through e following for additional information on the TRE milestone dates.

Development of TRE Plan	Within 90 days of two failed toxicity tests.
Initiate Effluent TRE	Within 30 days of TRE Plan approval by IDEM.
Progress Reports	Every 90 days from the initiation date of the TRE.
Submit Final TRE Results	Within 90 days of the completion of the TRE, not to exceed 3 years from the date of the initial determination of toxicity (two failed toxicity tests).

Post-TRE Biomonitoring Requirements	Immediately upon completion of the TRE, conduct 3 consecutive months of toxicity tests, if no toxicity is shown, reduce toxicity tests to once every 6 months for the duration of the permit term. If post – TRE biomonitoring demonstrates toxicity, revert to implementation of a TRE.
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a. Development of TRE Plan

Within 90 days of determination of toxicity, the permittee shall submit plans for an effluent TRE to the Compliance Data Section of the IDEM. The TRE plan shall include appropriate measures to characterize the causative toxicant and the variability associated with these compounds. Guidance on conducting effluent toxicity reduction evaluations is available from EPA and from the EPA publications listed below:

(1) Methods for Aquatic Toxicity Identification Evaluations:

Phase I Toxicity Characterization Procedures, Second Edition
(EPA/600/6-91/003), February 1991.

Phase II Toxicity Identification Procedures (EPA 600/R-92/080), September 1993.

Phase III Toxicity Confirmation Procedures (EPA/600/R-92/081), September 1993.

(2) Methods for Chronic Toxicity Identification Evaluations

Phase I Characterization of Chronically Toxic Effluents EPA/600/6-91/005F,
May 1992.

(3) Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations (EPA/600/2-88/070), April 1989.

(4) Toxicity Reduction Evaluation Protocol for Municipal Wastewater Treatment Plants (EPA/833-B-99-022), August 1999.

b. Conduct the TRE

Within 30 days after approval of the TRE plan by IDEM, the permittee must initiate an effluent TRE consistent with the TRE plan. Progress reports shall be submitted every 90 days to the Compliance Data Section of the Office of Water Quality (OWQ) beginning 90 days after initiation of the TRE.

c. Reporting

Within 90 days of the TRE completion, the permittee shall submit to the Compliance Data Section of the Office of Water Quality (OWQ) the final study results and a schedule for reducing the toxicity to acceptable levels through control of the toxicant source or treatment of whole effluent.

d. Compliance Date

The permittee shall complete items a, b, and c from Section 2 and reduce the toxicity to acceptable levels as soon as possible but no later than three years after the date of determination of toxicity.

e. Post-TRE Biomonitoring Requirements (Only Required After Completion of a TRE)

After the TRE, the permittee shall conduct monthly toxicity tests with 2 or more species for a period of three months. Should three consecutive monthly tests demonstrate no toxicity, the permittee shall conduct chronic tests every six months for the duration of the permit. These tests shall be conducted in accordance with the procedures under the Whole Effluent Toxicity Tests Section. The results of these tests shall be submitted to the Compliance Data Section of the Office of Water Quality (OWQ).

If toxicity is demonstrated as defined in paragraph 1.f after the initial three month period, testing must revert to a TRE as in Part 2 (TRE).

PART II

STANDARD CONDITIONS FOR NPDES PERMITS

A. GENERAL CONDITIONS

1. Duty to Comply

The permittee shall comply with all terms and conditions of this permit in accordance with 327 IAC 5-2-8(1) and all other requirements of 327 IAC 5-2-8. Any permit noncompliance constitutes a violation of the Clean Water Act and IC 13 and is grounds for enforcement action or permit termination, revocation and reissuance, modification, or denial of a permit renewal application.

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

2. Duty to Mitigate

In accordance with 327 IAC 5-2-8(3), the permittee shall take all reasonable steps to minimize or correct any adverse impact to the environment resulting from noncompliance with this permit. During periods of noncompliance, the permittee shall conduct such accelerated or additional monitoring for the affected parameters, as appropriate or as requested by IDEM, to determine the nature and impact of the noncompliance.

3. Duty to Provide Information

The permittee shall submit any information that the permittee knows or has reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the facility that:

- a. could significantly change the nature of, or increase the quantity of, pollutants discharged; or
- b. the Commissioner may request to evaluate whether such cause exists.

In accordance with 327 IAC 5-1-3(a)(5), the permittee must also provide any information reasonably requested by the Commissioner.

4. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must obtain and submit a renewal of this permit in accordance with 327 IAC 5-3-2(a)(2). It is the permittee's responsibility to obtain and submit the application. In accordance with 327 IAC 5-2-3(c), the owner of the facility or operation from which a discharge of pollutants occurs is responsible for applying for and obtaining the NPDES permit, except where the facility or operation is operated by a person other than an employee of the owner in which case it is the operator's responsibility to apply for and obtain the permit. The application must be submitted at least 180 days before the expiration date of this permit. This deadline may be extended if:

- a. permission is requested in writing before such deadline;
- b. IDEM grants permission to submit the application after the deadline; and
- c. the application is received no later than the permit expiration date.

As required under 327 IAC 5-2-3(g)(1) and (2), POTWs with design influent flows equal to or greater than one million (1,000,000) gallons per day and POTWs with an approved pretreatment program or that are required to develop a pretreatment program, will be required to provide the results of whole effluent toxicity testing as part of their NPDES renewal application.

5. Transfers

In accordance with 327 IAC 5-2-8(4)(D), this permit is nontransferable to any person except in accordance with 327 IAC 5-2-6(c). This permit may be transferred to another person by the permittee, without modification or revocation and reissuance being required under 327 IAC 5-2-16(c)(1) or 16(e)(4), if the following occurs:

- a. the current permittee notified the Commissioner at least thirty (30) days in advance of the proposed transfer date.
- b. a written agreement containing a specific date of transfer of permit responsibility and coverage between the current permittee and the transferee (including acknowledgment that the existing permittee is liable for violations up to that date, and the transferee is liable for violations from that date on) is submitted to the Commissioner.
- c. the transferee certifies in writing to the Commissioner their intent to operate the facility without making such material and substantial alterations or additions to the facility as would significantly change the nature or quantities of pollutants discharged

and thus constitute cause for permit modification under 327 IAC 5-2-16(d).

However, the Commissioner may allow a temporary transfer of the permit without permit modification for good cause, e.g., to enable the transferee to purge and empty the facility's treatment system prior to making alterations, despite the transferee's intent to make such material and substantial alterations or additions to the facility.

- d. the Commissioner, within thirty (30) days, does not notify the current permittee and the transferee of the intent to modify, revoke and reissue, or terminate the permit and to require that a new application be filed rather than agreeing to the transfer of the permit.

The Commissioner may require modification or revocation and reissuance of the permit to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act or state law.

6. Permit Actions

In accordance with 327 IAC 5-2-16(b) and 327 IAC 5-2-8(4), this permit may be modified, revoked and reissued, or terminated for cause, including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Failure of the permittee to disclose fully all relevant facts or misrepresentation of any relevant facts in the application, or during the permit issuance process; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge controlled by the permittee (e.g., plant closure, termination of the discharge by connecting to a POTW, a change in state law or information indicating the discharge poses a substantial threat to human health or welfare).

Filing of either of the following items does not stay or suspend any permit condition: (1) a request by the permittee for a permit modification, revocation and reissuance, or termination, or (2) submittal of information specified in Part II.A.3 of the permit including planned changes or anticipated noncompliance.

The permittee shall submit any information that the permittee knows or has reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the permitted facility that:

1. could significantly change the nature of, or increase the quantity of, pollutants discharged; or

2. the commissioner may request to evaluate whether such cause exists.

7. Property Rights

Pursuant to 327 IAC 5-2-8(6) and 327 IAC 5-2-5(b), the issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to persons or private property or an invasion of rights, any infringement of federal, state, or local laws or regulations. The issuance of the permit also does not preempt any duty to obtain any other state, or local assent required by law for the discharge or for the construction or operation of the facility from which a discharge is made.

8. Severability

In accordance with 327 IAC 1-1-3, the provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any person or circumstance is held invalid, the invalidity shall not affect any other provisions or applications of the permit which can be given effect without the invalid provision or application.

9. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Clean Water Act.

10. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act or state law.

11. Penalties for Violation of Permit Conditions

Pursuant to IC 13-30-4, a person who violates any provision of this permit, the water pollution control laws; environmental management laws; or a rule or standard adopted by the Water Pollution Control Board is liable for a civil penalty not to exceed twenty-five thousand dollars (\$25,000) per day of any violation. Pursuant to IC 13-30-5, a person who obstructs, delays, resists, prevents, or interferes with (1) the department; or (2) the department's personnel or designated agent in the performance of an inspection or investigation commits a class C infraction.

Pursuant to IC 13-30-10, a person who intentionally, knowingly, or recklessly violates any provision of this permit, the water pollution control laws or a rule or standard adopted by the Water Pollution Control Board commits a class D felony punishable by the term of imprisonment established under IC 35-50-2-7(a) (up to one year), and/or by a fine of not less than five thousand dollars (\$5,000) and not more than fifty thousand dollars (\$50,000) per day of violation. A person convicted for a violation committed after a first conviction of such person under this provision is subject to a fine of not more than one hundred thousand dollars (\$100,000) per day of violation, or by imprisonment for not more than two (2) years, or both.

12. Penalties for Tampering or Falsification

In accordance with 327 IAC 5-2-8(9), the permittee shall comply with monitoring, recording, and reporting requirements of this permit. The Clean Water Act, as well as IC 13-30-10, provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under a permit shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per violation, or by imprisonment for not more than one hundred eighty (180) days per violation, or by both.

13. Toxic Pollutants

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant injurious to human health, and that standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition in accordance with 327 IAC 5-2-8(5). Effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants injurious to human health are effective and must be complied with, if applicable to the permittee, within the time provided in the implementing regulations, even absent permit modification.

14. Operator Certification

The permittee shall have the wastewater treatment facilities under the responsible charge of an operator certified by the Commissioner in a classification corresponding to the classification of the wastewater treatment plant as required by IC 13-18-11-11 and 327 IAC 5-22. In order to operate a wastewater treatment plant the operator shall have qualifications as established in 327 IAC 5-22-7. The permittee shall designate one (1) person as the certified operator with complete responsibility for the proper operations of the wastewater facility.

327 IAC 5-22-10.5(a) provides that a certified operator may be designated as being in responsible charge of more than one (1) wastewater treatment plant, if it can be shown that he will give adequate supervision to all units involved. Adequate supervision means that sufficient time is spent at the plant on a regular basis to assure that the certified operator is knowledgeable of the actual operations and that test reports and results are representative of the actual operations conditions. In accordance with 327 IAC 5-22-3(11), "responsible charge" means the person responsible for the overall daily operation, supervision, or management of a wastewater facility.

Pursuant to 327 IAC 5-22-10(4), the permittee shall notify IDEM when there is a change of the person serving as the certified operator in responsible charge of the wastewater treatment facility. The notification shall be made no later than thirty (30) days after a change in the operator.

15. Construction Permit

Except in accordance with 327 IAC 3, the permittee shall not construct, install, or modify any water pollution treatment/control facility as defined in 327 IAC 3-1-2(24). Upon completion of any construction, the permittee must notify the Compliance Data Section of the Office of Water Quality in writing.

16. Inspection and Entry

In accordance with 327 IAC 5-2-8(7), the permittee shall allow the Commissioner, or an authorized representative, (including an authorized contractor acting as a representative of the Commissioner) upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee's premises where a point source, regulated facility, or activity is located or conducted, or where records must be kept pursuant to the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment or methods (including monitoring and control equipment), practices, or operations regulated or required pursuant to this permit; and
- d. Sample or monitor at reasonable times, any discharge of pollutants or internal wastestreams for the purposes of evaluating compliance with the permit or as otherwise authorized.

B. MANAGEMENT REQUIREMENTS

1. Facility Operation, Maintenance and Quality Control

- a. In accordance with 327 IAC 5-2-8(8), the permittee shall at all times maintain in good working order and efficiently operate all facilities and systems (and related appurtenances) for collection and treatment that are:

- (1) installed or used by the permittee; and
- (2) necessary for achieving compliance with the terms and conditions of the permit.

Neither 327 IAC 5-2-8(8), nor this provision, shall be construed to require the operation of installed treatment facilities that are unnecessary for achieving compliance with the terms and conditions of the permit.

- b. The permittee shall operate the permitted facility in a manner which will minimize upsets and discharges of excessive pollutants. The permittee shall properly remove and dispose of excessive solids and sludges.
- c. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation, maintenance, and testing functions required to ensure compliance with the conditions of this permit.
- d. Maintenance of all waste collection, control, treatment, and disposal facilities shall be conducted in a manner that complies with the bypass provisions set forth below.
- e. Any extensions to the sewer system must continue to be constructed on a separated basis. Plans and specifications, when required, for extension of the sanitary system must be submitted to the Facility Construction Section, Office of Water Quality in accordance with 327 IAC 3-2-1. There shall also be an ongoing preventative maintenance program for the sanitary sewer system.

2. Bypass of Treatment Facilities

Pursuant to 327 IAC 5-2-8(11):

- a. Terms as defined in 327 IAC 5-2-8(11)(A):
 - (1) "Bypass" means the intentional diversion of a waste stream from any portion of a treatment facility.
 - (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable,

or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

- b. Bypasses, as defined above, are prohibited, and the Commissioner may take enforcement action against a permittee for bypass, unless:
 - (1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage, as defined above;
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Part II.B.2.d; or
 - (4) The condition under Part II.B.2.f below is met.
- c. Bypasses that result in death or acute injury or illness to animals or humans must be reported in accordance with the "Spill Response and Reporting Requirements" in 327 IAC 2-6.1, including calling 888/233-7745 as soon as possible, but within two (2) hours of discovery.
- d. The permittee must provide the Commissioner with the following notice:
 - (1) If the permittee knows or should have known in advance of the need for a bypass (anticipated bypass), it shall submit prior written notice. If possible, such notice shall be provided at least ten (10) days before the date of the bypass for approval by the Commissioner.
 - (2) The permittee shall orally report or fax a report of an unanticipated bypass within 24 hours of becoming aware of the bypass event. The permittee must also provide a written report within five (5) days of the time the permittee becomes aware of the bypass event. The written report must contain a description of the noncompliance (i.e. the bypass) and its cause; the period of noncompliance, including exact dates and times; if the cause of noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the bypass event.
- e. The Commissioner may approve an anticipated bypass, after considering its adverse effects, if the Commissioner determines that it will meet the conditions listed above in

Part II.B.2.b. The Commissioner may impose any conditions determined to be necessary to minimize any adverse effects.

- f. The permittee may allow any bypass to occur that does not cause a violation of the effluent limitations in the permit, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Part II.B.2.b.,d and e of this permit.
- g. Any overflow or release of sanitary wastewater from the wastewater treatment facilities or collection system into the environment which is not specifically authorized by this permit is expressly prohibited (pursuant to IC 13-30-2-1, IC 13-18-4-5 and 327 IAC 5-2-2). This prohibition applies to sanitary sewer overflows, regardless of cause, including releases from outfall points, cracked or broken pipes, manholes, basement backups or any other source or reason. This prohibition does not apply to back ups of wastewater into private properties that are due solely to a failure or blockage of private laterals that are not the responsibility of the permittee.
- h. The wastewater treatment facility has the following outfalls which have been identified as a bypass, the use of which is prohibited except in compliance with the above provisions:

<u>Outfall No.</u>	<u>Location</u>	<u>Receiving Stream</u>
101	Primary clarifiers to the chlorine contact tank	Wabash River

3. Upset Conditions

Pursuant to 327 IAC 5-2-8(12):

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- b. An upset shall constitute an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Paragraph c of this subsection, are met.

- c. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, that:
 - (1) An upset occurred and the permittee has identified the specific cause(s) of the upset, if possible;
 - (2) The permitted facility was at the time being operated in compliance with proper operation and maintenance procedures;
 - (3) The permittee complied with any remedial measures required under "Duty to Mitigate", Part II.A.2; and
 - (4) The permittee submitted notice of the upset as required in the "Twenty-Four Hour Reporting Requirements," Part II.C.3, or 327 IAC 2-6.1, whichever is applicable.

4. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed from or resulting from treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State and to be in compliance with all Indiana statutes and regulations relative to liquid and/or solid waste disposal.

- a. Collected screenings, slurries, sludges, and other such pollutants shall be disposed of in accordance with provisions set forth in 329 IAC 10, 327 IAC 6.1, or another method approved by the Commissioner.
- b. The permittee shall comply with existing federal regulations governing solids disposal, and with applicable provisions of 40 CFR Part 503, the federal sludge disposal regulation standards.
- c. The permittee shall notify the Commissioner prior to any changes in sludge use or disposal practices.
- d. The permittee shall maintain records to demonstrate its compliance with the above disposal requirements.

5. Power Failures

In accordance with 327 IAC 5-2-10 and 327 IAC 5-2-8(13) in order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. provide an alternative power source sufficient to operate facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit, or
- b. shall halt, reduce or otherwise control all discharge in order to maintain compliance with the effluent limitations and conditions of this permit upon the reduction, loss, or failure of one or more of the primary sources of power to facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit.

C. REPORTING REQUIREMENTS

1. Planned Changes in Facility or Discharge

Pursuant to 327 IAC 5-2-8(10)(F) and 5-2-16(d), the permittee shall give notice to the Commissioner as soon as possible of any planned alterations or additions to the facility (which includes any point source) that could significantly change the nature of, or increase the quantity of, pollutants discharged. Following such notice, the permit may be modified to revise existing pollutant limitations and/or to specify and limit any pollutants not previously limited. Material and substantial alterations or additions to the permittee's operation that were not covered in the permit (e.g., production changes, relocation or combination of discharge points, changes in the nature or mix of products produced) are also cause for modification of the permit. However those alterations which constitute total replacement of the process or the production equipment causing the discharge converts it into a new source, which requires the submittal of a new NPDES application.

2. Monitoring Reports

Pursuant to 327 IAC 5-2-8(9), 327 IAC 5-2-13, and 327 IAC 5-2-15, monitoring results shall be reported at the intervals and in the form specified in "Data On Plant Operation", Part I.B.2.

3. Twenty-Four Hour Reporting Requirements

Pursuant to 327 IAC 5-2-8(10), the permittee shall orally report to the Commissioner information on the following types of noncompliance within 24 hours from the time permittee becomes aware of such noncompliance. If the noncompliance meets the requirements of item b (Part II.C.3.b) or 327 IAC 2-6.1, then the report shall be made within those prescribed time frames.

- a. Any unanticipated bypass which exceeds any effluent limitation in the permit;
- b. Any noncompliance which may pose a significant danger to human health or the environment. Reports under this item shall be made as soon as the permittee becomes

aware of the noncomplying circumstances by calling 317/233-7745 (888/233-7745 toll free in Indiana);

- c. Any upset (as defined in Part II.B.3 above) that exceeds any technology-based effluent limitations in the permit;
- d. Any discharge from the sanitary sewer system;
- e. Any dry weather discharge from a combined sewer overflow which is identified in this permit; or
- f. Violation of a maximum daily discharge limitation for any of the following toxic pollutants: mercury.

The permittee can make the oral reports by calling 317/232-8670 during regular business hours or by calling 317/233-7745 (888/233-7745 toll free in Indiana) during non-business hours. A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce and eliminate the noncompliance and prevent its recurrence. The Commissioner may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. Alternatively the permittee may submit a "Bypass Overflow/Incident Report" or a "Noncompliance Notification Report", whichever is applicable, to IDEM at 317/232-8637 or 317/232-8406 or to wwreports@idem.IN.gov. If a complete fax or email submittal is sent within 24 hours of the time that the permittee became aware of the occurrence, then that report will satisfy both the oral and written reporting requirements.

4. Other Noncompliance

Pursuant to 327 IAC 5-2-8(10)(D), the permittee shall report any instance of noncompliance not reported under the "Twenty-Four Hour Reporting Requirements" in Part II.C.3, not related to the failure to report planned changes in the permitted facility, or not relating to any compliance schedules at the time the pertinent Discharge Monitoring Report is submitted. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent the noncompliance.

5. Other Information

Pursuant to 327 IAC 5-2-8(10)(E), where the permittee becomes aware that it failed to submit any relevant facts or submitted incorrect information in a permit application or in any report to the Commissioner, the permittee shall promptly submit such facts or corrected information to the Commissioner.

6. Signatory Requirements

Pursuant to 327 IAC 5-2-22 and 327 IAC 5-2-8(14):

- a. All reports required by the permit and other information requested by the Commissioner shall be signed and certified by a person described below or by a duly authorized representative of that person:
 - (1) For a corporation: by a principal executive defined as a president, secretary, treasurer, any vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making functions for the corporation or the manager of one or more manufacturing, production, or operating facilities employing more than two hundred fifty (250) persons or having gross annual sales or expenditures exceeding twenty-five million dollars (\$25,000,000) (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a federal, state, or local governmental body or any agency or political subdivision thereof: by either a principal executive officer or ranking elected official.
- b. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described above.
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
 - (3) The authorization is submitted to the Commissioner.

- c. Certification. Any person signing a document identified under paragraphs a and b of this section, shall make the following certification:

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

7. Availability of Reports

Except for data determined to be confidential under 327 IAC 12.1, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Indiana Department of Environmental Management and the Regional Administrator. As required by the Clean Water Act, permit applications, permits, and effluent data shall not be considered confidential.

8. Penalties for Falsification of Reports

IC 13-30 and 327 IAC 5-2-8(14) provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 180 days per violation, or by both.

9. Progress Reports

In accordance with 327 IAC 5-2-8(10)(A), reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.

10. Advance Notice for Planned Changes

In accordance with 327 IAC 5-2-8(10)(B), the permittee shall give advance notice to IDEM of any planned changes in the permitted facility, any activity, or other circumstances that the permittee has reason to believe may result in noncompliance with permit requirements.

11. Additional Requirements for POTWs and/or Treatment Works Treating Domestic Sewage

- a. All POTWs shall identify, in terms of character and volume of pollutants, any significant indirect discharges into the POTW which are subject to pretreatment standards under section 307(b) and 307 (c) of the CWA.
- b. All POTWs must provide adequate notice to the Commissioner of the following:
 - (1) Any new introduction of pollutants into the POTW from an indirect discharger that would be subject to section 301 or 306 of the CWA if it were directly discharging those pollutants.
 - (2) Any substantial change in the volume or character of pollutants being introduced into that POTW by any source where such change would render the source subject to pretreatment standards under section 307(b) or 307(c) of the CWA or would result in a modified application of such standards.

As used in this clause, "adequate notice" includes information on the quality and quantity of effluent introduced into the POTW, and any anticipated impact of the change on the quantity or quality of the effluent to be discharged from the POTW.

- c. This permit incorporates any conditions imposed in grants made by the U.S. EPA and/or IDEM to a POTW pursuant to Sections 201 and 204 of the Clean Water Act, that are reasonably necessary for the achievement of effluent limitations required by Section 301 of the Clean Water Act.
- d. This permit incorporates any requirements of Section 405 of the Clean Water Act governing the disposal of sewage sludge from POTWs or any other treatment works treating domestic sewage for any use for which rules have been established in accordance with any applicable rules.
- e. POTWs must develop and submit to the Commissioner a POTW pretreatment program when required by 40 CFR 403 and 327 IAC 5-19-1, in order to assure compliance by industrial users of the POTW with applicable pretreatment standards established under Sections 307(b) and 307(c) of the Clean Water Act. The pretreatment program shall meet the criteria of 327 IAC 5-19-3 and, once approved, shall be incorporated into the POTW's NPDES permit.

D. ADDRESSES

1. Cashiers Office

Indiana Department of Environmental Management
Cashiers Office – Mail Code 50-10C
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Cashiers Office:

- a. NPDES permit applications (new, renewal or modifications) with fee
- b. Construction permit applications with fee

2. Municipal NPDES Permits Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Municipal NPDES Permits Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Municipal NPDES Permits Section:

- a. Preliminary Effluent Limits request letters
- b. Comment letters pertaining to draft NPDES permits
- c. NPDES permit transfer of ownership requests
- d. NPDES permit termination requests
- e. Notifications of substantial changes to a treatment facility, including new industrial sources
- f. Combined Sewer Overflow (CSO) Operational Plans
- g. CSO Long Term Control Plans (LTCP)
- h. Stream Reach Characterization and Evaluation Reports (SRCER)

3. Compliance Data Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Data Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Compliance Data Section:

- a. Discharge Monitoring Reports (DMRs)
- b. Monthly Reports of Operation (MROs)
- c. Monthly Monitoring Reports (MMRs)
- d. CSO DMRs
- e. Gauging station and flow meter calibration documentation
- f. Compliance schedule progress reports
- g. Completion of Construction notifications
- h. Whole Effluent Toxicity Testing reports
- i. Toxicity Reduction Evaluation (TRE) plans and progress reports

4. Pretreatment Group

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Data Section – Pretreatment Group
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Pretreatment Group:

- a. Organic Pollutant Monitoring Reports
- b. Significant Industrial User (SIU) Quarterly Noncompliance Reports
- c. Pretreatment Program Annual Reports

- d. Sewer Use Ordinances
 - e. Enforcement Response Plans (ERP)
 - f. Sludge analytical results
5. Enforcement Section
- Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-40
Enforcement Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251
- a. Bypass/Overflow Reports
 - b. Anticipated Bypass/Overflow Reports

PART III

REQUIREMENT TO OPERATE A PRETREATMENT PROGRAM

A. CONDITIONS

The permittee, hereinafter referred to as the "Control Authority," is required to operate its approved industrial pretreatment program approved on July 24, 1986 and any subsequent modifications approved up to the issuance of this permit. To ensure the program is operated as approved and consistent with 327 IAC 5-16 through 5-21, the following conditions and reporting requirements are hereby established. The Control Authority (CA) shall:

1. Legal Authority

The CA shall develop, enforce and maintain adequate legal authority in its Sewer Use Ordinance (SUO) to fully implement the pretreatment program in compliance with State and local law. As part of this requirement, the CA shall develop and maintain local limits as necessary to implement the prohibitions and standards in 327 IAC 5-18.

2. Permit Issuance

In accordance with 327 IAC 5-19-3(1) the CA is required to issue/reissue permits to Significant Industrial User(s) (SIU) as stated in the SUO. The CA must issue permits to new SIUs prior to the commencement of discharge. A SIU is defined in the SUO.

3. Industrial Compliance Monitoring

The CA is required to conduct inspection, surveillance, and monitoring activities to determine SIU compliance status with the approved program and the SUO independent of data supplied by the SIU. SIU compliance monitoring performed by the CA will be conducted in accordance with the program plan or yearly program plan. SIUs will be inspected once per year, at a minimum.

4. Enforcement

The CA is required to initiate the appropriate enforcement action against a SIU violating any provision of the SUO and/or discharge permit in accordance with the Enforcement Response Procedures (ERP) adopted by the CA. The CA must investigate violations by collecting and analyzing samples and collecting other information with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions in accordance with 40 CFR 403.8(f)(1)(iii) and 327 IAC 5-19-3(1)(F).

5. SIU Quarterly Noncompliance Report

The CA is required to report the compliance status of each SIU quarterly. The report is due by the 28th of the following months: April, July, October, and January of each year. The report shall include a description of corrective actions that have or will be taken by the CA and SIU to resolve the noncompliance situations. This report is to be sent to the Compliance Branch of the Office of Water Quality.

6. Public Participation and Annual Publishing of SIUs in Significant Noncompliance

The CA is required to comply with the public participation requirements under 40 CFR 25 and 327 IAC 5-19-3(2)(L). The CA must publish annually, by January 28, in the largest daily newspaper in the area, a list of SIUs that have been in Significant Noncompliance (SNC) with the SUO during the calendar year. The CA shall include in the ANNUAL REPORT a list of the SIUs published along with the newspaper clipping.

7. Annual Report

The CA is required to submit an annual report to the Pretreatment Group and EPA Region 5 by April 1, of each year. The annual report will be submitted in accordance with 40 CFR 403 to the following addresses:

Pretreatment Program Manager
U.S. EPA Region 5, WN-16J
NPDES Programs Branch
77 W. Jackson Blvd.
Chicago, IL 60604

Indiana Department of Environmental Management
Office of Water Quality - Mail Code 65-42
Compliance Data Section – Pretreatment Group
100 North Senate Avenue
Indianapolis, IN 46204-2251

8. Records Retention

Pursuant to 327 IAC 5-16-5.3(b), the CA shall retain any pretreatment reports from an industrial user a minimum of three (3) years and shall make such reports available for inspection and copying by IDEM or the U.S. EPA. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the industrial user, the operation of the POTW pretreatment program or when requested by IDEM or the U.S. EPA.

9. Confidentiality

The CA is required to comply with all confidentiality requirements set forth in 40 CFR 403.14, as well as the procedures established in the SUO.

10. Program Resources

Pursuant to 327 IAC 5-19-3(3), The CA shall maintain sufficient resources and qualified personnel to carry out the pretreatment program requirements.

11. Interjurisdictional Agreements

The CA must maintain sufficient legal authority to ensure compliance with all applicable pretreatment limits and requirements by all SIUs discharging to the POTW, including SIUs within governmental jurisdictions outside the immediate jurisdiction of the POTW. The CA must maintain the interjurisdictional agreements necessary to ensure full compliance by SIUs located within other jurisdictions as discussed in 40 CFR 403.8(f)(1).

12. POTW Pretreatment Program Revision Requirements

No later than 6 months after the effective date of this permit, the permittee shall submit to EPA Region 5 and IDEM pretreatment group, a program modification request to incorporate the pretreatment streamlining revisions in 327 IAC 5-16 through 327 IAC 5-21 of Indiana Administrative Code, which became effective on May 3, 2009. The modification request shall highlight all changes to the approved program, the sewer use ordinance (SUO) and the Enforcement Response Plan (ERP) necessary to incorporate the revisions of 327 IAC 5-16 through 327 IAC 5-21 of Indiana Administrative Code required to be implemented by all delegated pretreatment programs. Any of the optional changes must be included with this submission. The required changes are described in USEPA's Pretreatment Streamlining Rule Fact Sheet 2.0: Required Changes, available at: http://cfpub.epa.gov/npdes/home.cfm?program_id=3.

In addition, the program modification request must include a technical re-evaluation of the local limits.

13. Program Modification

Pursuant to 327 IAC 5-19-6 and 40 CFR 403.18, any significant proposed program modification shall be submitted to the Pretreatment Group and the U.S. EPA for approval. A significant modification shall include, but not be limited to, any change in the SUO, major modification in the approval program's administrative procedures, a significant reduction in monitoring procedures, a significant change in the financial/revenue system, a significant change in the local limitations contained in the SUO, and a change in the industrial survey.

NOTE: A summary of the revisions to the General Pretreatment Regulations (40 CFR 403) is available from the Pretreatment Group of the Compliance Data Section.

ATTACHMENT A

Precipitation Related Combined Sewer Overflow Discharge Authorization Requirements

I. Discharge Authorization

A. Combined Sewer Overflows are point sources subject to both technology-based and water quality-based requirements of the Clean Water Act and state law. The permittee is authorized to have wet weather discharges from outfalls listed below subject to the requirements and provisions of this permit, including Attachment A.

<u>Outfall</u>	<u>Location</u>	<u>Receiving Water</u>
002	Main Pump Overflow 39°26'17" N 87°25'41" W	Wabash River
003	Turner Street Overflow 39°26'17" N 87°25'41" W	Wabash River
004	Hulman Street Overflow 39°26'56" N 87°25'26" W	Wabash River
005	Crawford Street Overflow 39°27'25" N 87°25'12" W	Wabash River
006	Oak Street Overflow 39°27'43" N W 87°25'08" W	Wabash River
007	Walnut Street Overflow 39°27'54" N 87°25'08" W	Wabash River
008	Ohio Street Overflow 39°27'58" N 87°25'12" W	Wabash River

009	Chestnut Street Overflow 39°28'16" N 87°25'12" W	Wabash River
010	Spruce Street Overflow 39°28'30" N 87°25'12" W	Wabash River
011	Idaho Street Overflow 39°26'53" N 87°25'34" W	Wabash River

B. At all times the discharge from any and all CSO outfalls herein shall not cause receiving waters:

1. including the mixing zone, to contain substances, materials, floating debris, oil, scum, or other pollutants:
 - a. that will settle to form putrescent or otherwise objectionable deposits;
 - b. that are in amounts sufficient to be unsightly or deleterious;
 - c. that produce color, visible oil sheen, odor, or other conditions in such a degree as to create a nuisance;
 - d. which are in amounts sufficient to be acutely toxic to, or otherwise severely injure or kill aquatic life, other animals, plants, or humans; and
 - e. which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
2. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

C. Dry weather discharges from any portion of the sewer collection system, including the outfall listed in Part I.A of this Attachment A, are prohibited. If a dry weather discharge occurs, the permittee shall notify the Office of Water Quality, Enforcement Section, by phone within 24 hours and in writing within five days of the occurrence. The correspondence shall include the duration and cause of the discharge as well as the remedial action taken to end the discharge.

II. Monitoring and Reporting Requirements

The permittee is required to monitor the flow from each CSO outfall. This monitoring of each CSO outfall shall include:

- A. measurement of the flow volume,
- B. the time that the CSO discharge began,
- C. the flow duration, and
- D. rainfall amount and duration.

The requirement for the measurement of flow volume may be accomplished by installing a flow measurement device or by utilizing a reliable method of estimating flow volume. Within 120 days from the effective date of this permit, the permittee shall submit to IDEM a monitoring plan which describes the permittee's selected method of accomplishing this permit requirement. The permittee shall also update its CSO Operational Plan to incorporate the flow monitoring plan.

The permittee shall also report the amount and duration of precipitation for each day of the month. A rain gauge must be used that measures amount (depth) and duration. If multiple rain gauges are used, the information from each rain gauge shall be reported.

All of the information described in this subsection shall be reported on the CSO Discharge Monitoring Report (CSO DMR) form provided by IDEM and submitted to IDEM prior to the 28th day of the following month. All submittals under this provision shall be subject to the reporting requirements of this permit, including, but not limited to, Part II, Section C.6 ("Signatory Requirements"), C.7 ("Availability of Reports"), and C.8 ("Penalties for Falsification of Reports") of this permit.

III. CSO Operational Plan

- A. The permittee shall comply with the following minimum technology-based controls, in accordance with the federal CSO Control Policy:
 - 1. The permittee shall implement proper operation and regular maintenance programs for the sewer system and the CSOs. The purpose of the operation and maintenance programs is to reduce the magnitude, frequency and duration of CSOs. The program shall consider regular sewer inspections; sewer, catch basin, and regulator cleaning; equipment and sewer collection system repair or replacement, where necessary; and disconnection of illegal connections.
 - 2. The permittee shall implement procedures that will maximize the use of the collection system for wastewater storage that can be accommodated by the storage capacity of the collection system in order to reduce the magnitude, frequency and duration of CSOs.
 - 3. The permittee shall review and modify, as appropriate, its existing pretreatment program to minimize CSO impacts from non-domestic users. The permittee shall identify all industrial users that discharge to the collection system upstream of any CSO outfalls; this identification shall also include the pollutants in the industrial user's wastewater and the specific CSO outfall(s) that are likely to discharge the wastewater.

4. The permittee shall operate the POTW at the maximum treatable flow during all wet weather flow conditions to reduce the magnitude, frequency and duration of CSOs. The permittee shall deliver all flows to the treatment plant within the constraints of the treatment capacity of the POTW.
 5. Dry weather overflows from CSO outfalls are prohibited. Each dry weather overflow must be reported to IDEM as soon as the permittee becomes aware of the overflow. When the permittee detects a dry weather overflow, it shall begin corrective action immediately. The permittee shall inspect the dry weather overflow each subsequent day until the overflow has been eliminated.
 6. The permittee shall implement measures to control solid and floatable materials in CSO discharges.
 7. The permittee shall implement a pollution prevention program focused on reducing the impact of CSOs on receiving waters.
 8. The permittee shall implement a public notification process to inform citizens of when and where CSO discharges occur and their impacts. This notification must also be done in accordance with 327 IAC 5-2.1.
 9. The permittee shall monitor to effectively characterize CSO impacts and the efficacy of CSO controls.
- B. The permittee's implementation of each of the minimum controls in Part III.A of this Attachment A shall be documented in its CSO Operational Plan (CSOOP), which was approved February 16, 1998. The permittee shall update the CSOOP to reflect changes in its operation or maintenance practices; measures taken to implement the above minimum requirements; and changes to the treatment plant or collection system, including changes in collection system flow characteristics, collection system or WWTP capacity or discharge characteristics (including volume, duration, frequency and pollutant concentration). Beginning twelve (12) months from the effective date of this permit, the permittee shall annually evaluate its CSOOP and update it, as necessary. The permittee shall submit the CSOOP updates to IDEM, Office of Water Quality, Municipal NPDES Permits Section.

The CSOOP update(s) shall include a summary of the proposed revisions to the CSOOP as well as a reference to the page(s) that have been modified. Any CSOOP updates shall not result in:

1. a lower amount of flow being sent to and through the plant for treatment, or
2. more discharges (measured either by volume, duration, frequency, or pollutant concentration) occurring from the CSO outfalls.

The permittee shall maintain a current CSO Operational Plan, including all approved updates, on file at the POTW.

IV. Stream Reach Characterization and Evaluation Report

The permittee has submitted a Stream Reach Characterization and Evaluation Report (SRCER), which was developed to characterize the impacts of CSO discharges to the Wabash River.

Along with characterizing CSO impacts to the Wabash River, a SRCER was developed to characterize the efficacy of implemented CSO controls listed within the Operational Plan as well as providing baseline conditions for the determination of necessary long-term CSO controls. Results from the permittee's characterization and evaluation will aid in determining the extent of long-term CSO controls needed to comply with the Clean Water Act (CWA). If a determination cannot be made, the permittee may be required to perform additional testing of individual CSOs to determine water quality impacts. The necessary long-term controls shall be contained within a LTCP as required in Part V. of this Attachment A.

V. CSO Long-Term Control Plan

The permittee shall develop a CSO LTCP that conforms with U.S. EPA's 1994 CSO Policy, sets forth controls necessary for ensuring its CSO discharges will comply with the technology-based and water quality-based requirements of the Clean Water Act (CWA) (including section 402(q) of the CWA) and state law (IC 13-11-2-120.5 and applicable state water quality standards), and contains a schedule for implementing the controls.

The permittee must develop their LTCP, and implement the LTCP once approved, consistent with the terms and conditions of Agreed Judgment Cause No. 84D02-0809-CC11402.

VI. Sewer Use Ordinance Review/Revision and Enforcement

The permittee's Sewer Use Ordinance must contain provisions which: (1) prohibit introduction of inflow sources to any sanitary sewer; (2) prohibit construction of new combined sewers outside of the existing combined sewer service area; and (3) provide that for any new building the inflow/clear water connection to a combined sewer shall be made separate and distinct from sanitary waste connection to facilitate disconnection of the former if a separate storm sewer subsequently becomes available. The permittee shall continuously enforce these provisions.

VII Reopening Clauses

- A. After LTCP implementation, if IDEM has evidence that a CSO discharge is causing or contributing to exceedances of water quality standards, then additional control measures, effluent limitations, and/or monitoring requirements may be imposed on the CSO through a modification of this permit, after public notice and opportunity for hearing.
- B. This permit may be reopened to address changes in the EPA National CSO Policy or state or federal law.
- C. The permit may be reopened, after public notice and opportunity for hearing, to incorporate elements of an approved LTCP.
- D. The permit may be reopened, after public notice and opportunity for hearing, to incorporate applicable provisions of IC 13-18.

Fact Sheet
September 1, 2010

City of Terre Haute Wastewater Treatment Plant
located at 3200 South State Road 63,
Terre Haute, Indiana, Vigo County

<u>Outfall Location</u>	Latitude:	39° 28' 0" N
	Longitude:	87° 25' 0" W

NPDES Permit No. IN0025607

Background

This is the proposed renewal of the NPDES permit for the City of Terre Haute Wastewater Treatment Plant which was issued on May 23, 2005 and had an expiration date of June 30, 2010. The permittee submitted an application for renewal which was received on January 7, 2010. The permittee currently operates a Class IV, 24 MGD activated sludge treatment facility consisting of aerated grit tanks, comminutors, pre-aeration, primary clarification, flow equalization, aeration tanks, secondary clarification, effluent flow measurement and chlorination and dechlorination facilities. Sludge treatment consists of gravity belt thickeners and anaerobic digestion with final sludge either being stored, land applied or landfilled.

Collection System

The collection system is combined sanitary and storm sewers with ten (10) Combined Sewer Overflows (CSOs) permitted in Attachment A of this permit. The treatment facility contains one (1) internal bypass point which is identified and addressed in Part II.B.2.h of this permit.

CSO Statutory or Regulatory Basis for Permit Provisions

CSOs are point sources subject to NPDES permit requirements, including both technology-based and water quality-based requirements of the CWA and state law. Thus the permit contains provisions IDEM deems necessary to meet water quality standards, as well as technology-based treatment requirements, operation and maintenance requirements, and best management practices. This permit is based on various provisions of state and federal law, including (1) Title 13 of the Indiana Code; (2) the water quality standards set forth in 327 IAC 2-1; (3) the NPDES rules set forth in 327 IAC 2 and 327 IAC 5, including 327 IAC 5-2-8 and 327 IAC 5-2-10; and (4) section 402(q) of the CWA (33 USC § 1342), which requires all permits or orders issued for discharges from municipal CSOs to conform with the provisions of EPA's National CSO Control Policy (58 Fed. Reg. 18688, April 19, 1994). EPA's CSO Policy contains provisions that, among other things, require permittees to develop and implement minimum technological and operational controls and long term control plans to meet state water quality standards. The

permit's penalty provisions are based in large part on IC 13-30. In addition to the regulatory provisions previously cited, the data collection and reporting requirements are based in part on 327 IAC 5-1-3, 327 IAC 5-2-13 and section 402(q) of the CWA. The long term control plan provisions were included to ensure compliance with water quality standards.

Explanation of Effluent Limitations and Conditions

The effluent limitations set forth in Part I of Attachment A are derived in part from the narrative water quality standards set forth in 327 IAC 2-1-6. The narrative standards are minimum standards that apply to all waters at all times, and therefore are applicable to all discharges of pollutants. Because EPA has not issued national effluent limitation guidelines for this category of discharges, the technology-based BAT/BCT provisions are based on best professional judgment (BPJ) in addition to section 402(q) of the CWA. (CSO discharges are not subject to the secondary treatment requirements applicable to publicly owned treatment works because overflow points have been determined to not be part of the treatment plant. *Montgomery Environmental Coalition v. Costle*, 646 F.2d 568 (D.C. Cir. 1980).)

Spill Reporting Requirements

Reporting requirements associated with the Spill Reporting, Containment, and Response requirements of 327 IAC 2-6.1 are included in Part II.B.2.c. and Part II.C.3. of the NPDES permit. Spills from the permitted facility meeting the definition of a spill under 327 IAC 2-6.1-4(15), the applicability requirements of 327 IAC 2-6.1-1, and the Reportable Spills requirements of 327 IAC 2-6.1-5 (other than those meeting an exclusion under 327 IAC 2-6.1-3 or the criteria outlined below) are subject to the Reporting Responsibilities of 327 IAC 2-6.1-7.

It should be noted that the reporting requirements of 327 IAC 2-6.1 do not apply to those discharges or exceedences that are under the jurisdiction of an applicable permit when the substance in question is covered by the permit and death or acute injury or illness to animals or humans does not occur. In order for a discharge or exceedence to be under the jurisdiction of this NPDES permit, the substance in question (a) must have been discharged in the normal course of operation from an outfall listed in this permit, and (b) must have been discharged from an outfall for which the permittee has authorization to discharge that substance.

Solids Disposal

The permittee is required to dispose of its sludge in accordance with 329 IAC 10, 327 IAC 6.1, or 40 CFR Part 503. The permittee maintains a land application permit (INLA000260) for the disposal of solids.

Receiving Stream

The facility discharges to the Wabash River via Outfall 001. The receiving water has a seven day, ten year low flow ($Q_{7,10}$) of 1,400 cubic feet per second (905 MGD) at the outfall location. This provides a dilution ratio of receiving stream flow to treated effluent of 38:1. The receiving stream is designated for full body contact recreational use and shall be capable of supporting a well-balanced warm water aquatic community in accordance with 327 IAC 2-1.

Industrial Contributions

The permittee accepts industrial flow from: Aisin Brake and Chassis, Inc.; Ampacet Corp.; Aramark Uniform Services; Certainteed Corp.; ChemGen Corporation; Columbian Home Products, LLC; Comphanhia Siderurgica Nacional, LLC; Digital Audio Disc Corporation; Danisco USA, Inc.; Federal Correctional Institution; GE Engine Services; Hydrite Chemical Corporation; Kellogg Company; Novelis; Pfizer, Inc.; Pruett Manufacturing, Inc.; Tangent Rail Products, Inc.; and Unison Engine Components. Based on the industrial flow received by the treatment facility, the permittee is required to operate its industrial pretreatment program approved on July 24, 1986. Provisions for the industrial pretreatment program are included in Part III of this permit renewal. In addition, monitoring requirements and/or effluent limitations for cadmium, chromium, copper, free cyanide, lead, mercury, nickel, silver, zinc and whole effluent toxicity are being included in the permit renewal.

Effluent Limitations and Rationale

The effluent limitations proposed herein are based on Indiana Water Quality Standards, NPDES regulations, and Wasteload Allocation (WLA) analyses performed by this Office's Permits Branch staff on July 1, 2004 and May 19, 2010. These limits are in accordance with antibacksliding regulations specified in 327 IAC 5-2-10(11)(A). Monitoring frequencies are based upon facility size and type.

The final effluent limitations to be limited and/or monitored include: Flow, Carbonaceous Biochemical Oxygen Demand (CBOD₅), Total Suspended Solids (TSS), Ammonia-nitrogen (NH₃-N), pH, Total Residual Chlorine (TRC), *Escherichia coli* (*E. coli*), cadmium, chromium, copper, free cyanide, lead, mercury, nickel, silver, zinc and whole effluent toxicity.

Dissolved Oxygen (DO) limitations have not been included in the permit due to the high dilution afforded by the receiving stream.

Final Effluent Limitations

The summer monitoring period runs from May 1 through November 30 of each year and the winter monitoring period runs from December 1 through April 30 of each year. The disinfection season runs from April 1 through October 31 of each year.

The mass limits for CBOD₅, TSS and ammonia-nitrogen have been calculated utilizing the peak design flow of 48 MGD. This is to facilitate the maximization of flow through the treatment facility in accordance with this Office's CSO policy.

Flow

Flow is to be measured daily as a 24-hour total. Reporting of flow is required by 327 IAC 5-2-13.

CBOD₅

CBOD₅ is limited to 25 mg/l (10,014 lbs/day) as a monthly average and 40 mg/l (16,022 lbs/day) as a weekly average.

Monitoring is to be conducted daily by 24-hour composite sampling. The CBOD₅ concentration limitations included in this permit are set in accordance with the Wasteload Allocation (WLA) analysis performed by this Office's Permits Branch staff on July 1, 2004 and are the same as the concentration limitations found in the facility's previous permit.

TSS

TSS is limited to 30 mg/l (12,017 lbs/day) as a monthly average and 45 mg/l (18,025 lbs/day) as a weekly average.

Monitoring is to be conducted daily by 24-hour composite sampling. The TSS concentration limitations included in this permit are set in accordance with the Wasteload Allocation (WLA) analysis performed by this Office's Permits Branch staff on July 1, 2004 and are the same as the concentration limitations found in the facility's previous permit.

Ammonia-nitrogen

Ammonia-nitrogen is limited to 4.6 mg/l (1,843 lbs/day) as a monthly average and 6.9 mg/l (2,764 lbs/day) as a weekly average during the summer monitoring period. During the winter monitoring period, ammonia-nitrogen is limited to 6.5 mg/l (2,604 lbs/day) as a monthly average and 9.8 mg/l (3,925 lbs/day) as a weekly average.

Monitoring is to be conducted daily by 24-hour composite sampling. The ammonia-nitrogen concentration limitations included in this permit are set in accordance with the Wasteload Allocation (WLA) analysis performed by this Office's Permits Branch staff on July 1, 2004 and are the same as the concentration limitations found in the facility's previous permit.

pH

The pH limitations have been based on 40 CFR 133.102 which is cross-referenced in 327 IAC 5-5-3. To ensure conditions necessary for the maintenance of a well-balanced aquatic community, the pH of the final effluent must be between 6.0 and 9.0 standard units in accordance with provisions in 327 IAC 2-1-6(b)(2).

pH must be measured daily by grab sampling. These pH limitations are the same as the limitations found in the facility's previous permit.

Total Residual Chlorine

Disinfection of the effluent is required from April 1 through October 31, annually. Effluent dechlorination will be required in order to protect aquatic life. In accordance with Indiana Water Quality Standards, the final effluent limits (end-of-pipe) for TRC are 0.02 mg/l monthly average and 0.04 mg/l daily maximum. Compliance will be demonstrated if the observed effluent concentrations are less than the limit of quantitation (0.06 mg/l). Disinfection requirements are established in 327 IAC 5-10-6. This monitoring is to be conducted daily by grab sampling. These TRC limitations are the same as the limitations found in the facility's previous permit.

E. coli

The *E. coli* limitations and monitoring requirements apply from April 1 through October 31, annually. *E. coli* is limited to 125 count/100 ml as a monthly average, and 235 count/100 ml as a daily maximum. The monthly average *E. coli* value shall be calculated as a geometric mean. This monitoring is to be conducted daily by grab sampling. These *E. coli* limitations are set in accordance with regulations specified in 327 IAC 5-10-6. These *E. coli* limitations are the same as the limitations found in the facility's previous permit.

Mercury

The RPE performed by this Office's Permits Branch staff on May 19, 2010 revealed that the projected effluent quality (PEQ) for mercury was greater than the projected effluent limitations (PELs). Therefore, effluent limitations for mercury are being included in this permit. Mercury is limited to 12 ng/l as a monthly average and 20 ng/l as a daily maximum. This monitoring is to be conducted six (6) times annually by grab sampling. The mercury WQBELs are based on the surface water quality criteria of 327 IAC 2-1-6(a)(3), Table 6-1. In accordance with 327 IAC 5-2-11.1(b)(6), the criteria for mercury are applied to the undiluted discharge.

The permit includes a three year schedule of compliance in which the permittee has to comply with the final requirements for mercury. The permittee will utilize the three year timeframe to implement the pollution control measures which the permittee expects will result in compliance with mercury limitations.

Metals/Non-conventional Pollutants

Reasonable Potential Evaluations (RPE) were performed in conjunction with the Wasteload Allocation Analysis performed by this Office's Permits Branch staff on May 19, 2010. In reviewing the RPE, the projected effluent quality (PEQ) for cadmium, chromium, copper, free cyanide, lead, nickel, and zinc is less than the projected effluent limitations (PEL). Therefore, effluent limitations are not being required for the aforementioned metals. However, due to the industrial contributors to the City of Terre Haute collection system, monitoring requirements for these metals are being retained, at a reduced frequency. In addition, monitoring requirements are being included for silver due to the industrial contributions of the metal.

In addition to effluent monitoring and limitations, the permittee is required to monitor the influent wastestream for cadmium, chromium, copper, free cyanide, lead, nickel, silver and zinc at a frequency of quarterly utilizing 24-Hr. composite sampling.

Whole Effluent Toxicity Testing

The permittee submitted a Whole Effluent Toxicity Tests (WETT) with the renewal application as required in 327 IAC 5-2-3(g). The results indicated no toxicity.

The permittee shall conduct the whole effluent toxicity tests described in Part I.E. of the permit to monitor the toxicity of the discharge from Outfall 001. This toxicity testing is to be performed biannually for the duration of this NPDES permit. Acute toxicity will be demonstrated if the effluent is observed to have exceeded 1.0 TU_a (acute toxic units) based on 100% effluent for the test organism in 48 and 96 hours for *Ceriodaphnia dubia* or *Pimephales promelas*, whichever is more sensitive. Chronic toxicity will be demonstrated if the effluent is observed to have exceeded 10.4 TU_c (chronic toxic units) for *Ceriodaphnia dubia* or *Pimephales promelas*. If acute or chronic toxicity is found in any of the tests specified above, another toxicity test using the specified methodology and same test species shall be conducted within two weeks. If any two tests indicate the presence of toxicity, the permittee must begin the implementation of a toxicity reduction evaluation (TRE) as is described in Part I.E].2. of the permit.

Backsliding

None of the concentration limits included in this permit conflict with antibacksliding regulations found in 327 IAC 5-2-10(11)(A), therefore, backsliding is not an issue.

Reopening Clauses

Six (6) reopening clauses were incorporated into the permit in Part I.C. One clause is to incorporate effluent limits from any further wasteload allocations performed, a second clause is to allow for changes in the sludge disposal standards, a third clause is to incorporate any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, a fourth clause is to include whole effluent

toxicity limitations or to include limitations for specific toxicants, a fifth clause is to include a case-specific Method Detection Level (MDL), and a sixth clause is to incorporate additional requirements or limitations for specific toxicants if the required additional analyses in Part I.A. indicate that such additional requirements and/or limitations are necessary.

Compliance Status

The permittee has no enforcement actions at the time of this permit preparation.

Expiration Date

A five-year NPDES permit is proposed.

Drafted by: Leigh Voss
09/01/10

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PUBLIC NOTICE NO. 2010 – 12E – F

DATE OF NOTICE: DECEMBER 20, 2010

The Office of Water Quality issues the following NPDES FINAL PERMIT.

MAJOR – RENEWAL

CITY OF TERRE HAUTE WWTP, Permit No. IN0025607, VIGO COUNTY, 3200 S SR 63, Terre Haute, IN. This municipal facility discharges 24 million gallons daily of treated sanitary, industrial & combined sewer wastewater into the Wabash River. Permit Writer: Leigh Voss at 317/232-8698, lvoss@idem.in.gov.

APPEAL PROCEDURES FOR FINAL PERMITS

The Final Permits are available for review & copies at IDEM, Indiana Government Center, North Bldg, 100 N Senate Ave, Indianapolis, IN, Rm 1203, Office of Water Quality/NPDES Permit Section, from 9 – 4, M - F (copies 10¢ per page). Each Final Permit is available at the respective, local County Health Department. **Please tell others you think would be interested in this matter.** Regarding your rights and responsibilities pertaining to the Public Notice process and timeframes, please refer to IDEM websites: <http://www.in.gov/idem/5474.htm> and IDEM Permit Guide (Public Participation): <http://www.in.gov/idem/4172.htm>. To view the Citizen Guide go to: <http://www.in.gov/idem/5803.htm>.

Appeal Procedure: Any person affected by the issuance of the Final Permit may appeal by filing a Petition for Administrative Review with the Office of Environmental Adjudication **within** eighteen (18) days of the date of this Public Notice. Any appeal request must be filed in accordance with IC 4-21.5-3-7 and must include facts demonstrating that the party requesting appeal is the applicant; a person aggrieved or adversely affected or is otherwise entitled to review by law.

Timely filing: The Petition for Administrative Review must be received by the Office of Environmental Adjudication (OEA) **within** 18 days of the date of this Public Notice; either by U.S. Mail postmark or by private carrier with dated receipt. This Petition for Administrative Review represents a request for an Adjudicatory Hearing, therefore must:

- state the name and address of the person making the request;
- identify the interest of the person making the request;
- identify any persons represented by the person making the request;
- state specifically the reasons for the request;
- state specifically the issues proposed for consideration at the hearing;
- identify the Final Permit Rule terms and conditions which, in the judgment of the person making the request, would be appropriate to satisfy the requirements of the law governing this NPDES Permit rule.

If the person filing the Petition for Administrative Review desires any part of the NPDES Final Permit Rule to be stayed pending the outcome of the appeal, a Petition for Stay must be included in the appeal request, identifying those parts to be stayed. Both Petitions shall be mailed or delivered to the address here:
Phone: 317/232-8591.

Environmental Law Judge
Office of Environmental Adjudication
IGC – North Building- Rm 501
100 N. Senate Avenue
Indianapolis IN 46204

Stay Time frame: If the Petition (s) is filed **within** eighteen (18) days of the mailing of this Public Notice, the effective date of any part of the permit, within the scope of the Petition for Stay is suspended for fifteen (15) days. The Permit will become effective again upon expiration of the fifteen (15) days, unless or until an Environmental Law Judge stays the permit action in whole or in part.

Hearing Notification: Pursuant to Indiana Code, when a written request is submitted, the OEA will provide the petitioner or any person wanting notification, with the Notice of pre-hearing conferences, preliminary hearings, hearing stays or orders disposing of the Petition for Administrative Review. Petition for Administrative Review must be filed in compliance with the procedures and time frames outlined above. Procedural or scheduling questions should be directed to the OEA at the phone listed above.

IDEM - OEA
RECEIVABLES

2010 JAN - 7 P 2:30

TO: All NPDES Permit Applicants

FROM: NPDES Permit Section
Office of Water Quality

SUBJECT: Request for Information

IDEM - AR
PAID

We request that you fill in the blanks on this form and return it along with your NPDES PERMIT application. The information provided will be helpful in our personal contact with officials of our municipality, industry or other facility in assuring prompt delivery of correspondence, etc. Thank you for your cooperation.

- I. CURRENT NPDES PERMIT NO. IN0025607 (New applicants will be assigned a number later)
- II. WASTEWATER TREATMENT PLANT FACILITY LOCATION ADDRESS (PHYSICAL LOCATION OF FACILITY)
Facility Name: Terre Haute Wastewater Treatment Plant
Address: 3200 South State Road 63
City: Terre Haute State: IN Zip: 47802
- III. MAILING ADDRESS IF DIFFERENT FROM FACILITY LOCATION
Address: _____
City: _____ State: _____ Zip: _____
- IV. OWNER OR LEGALLY RESPONSIBLE PARTY (TOWN BOARD/COUNCIL PRESIDENT, MAYOR, SUPERINTENDENT)
Name: C. Mark Thompson Title: Wastewater Utility Director
Address: 3200 South State Road 63
City: Terre Haute State: Indiana Zip: 47802
Phone: (812) 232-6564
- V. WASTEWATER TREATMENT PLANT CERTIFIED OPERATOR
Name: C. Mark Thompson Certification #: 15665
Address: 3200 South State Road 63
City: Terre Haute State: IN Zip: 47802
Work Phone(812) 232-6564 Classification: Class IV



TERRE HAUTE
WASTEWATER
UTILITY
3200 S. SR 63
Terre Haute, IN 47802
812-232-6564

DUKE A. BENNETT
Mayor

C. Mark Thompson
Director of Wastewater Utility

January 6, 2010

Indiana Department of Environmental Management
Cashiers Office – Mail Code 50-10C
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

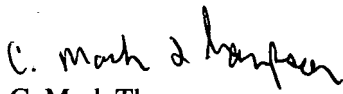
Re: Renewal of NPDES Permit No. IN0025607
Terre Haute Municipal Wastewater Treatment Plant

To whom it may concern:

Enclosed please find the application for renewal of the Wastewater Treatment Plant National Pollutant Discharge Elimination System (NPDES) Permit for your review. We have also enclosed mailing labels for the parties listed in the Potentially Affected Persons form that was completed as part of this application and the results of the recently completed whole effluent toxicity test.

Should you have any questions regarding our project, please contact me at (812) 232-6564 or our consultant, Guido Borgnini with HNTB Corporation, at (317) 636-4682. Thank you.

Sincerely,


C. Mark Thompson
Director

Enclosures

cc: Mr. Guido Borgnini, HNTB - w/ attachments
Mr. Fredric P. Andes, Barnes & Thornburg - w/ attachments

MUNICIPAL NPDES PERMIT COMPLETENESS CHECKLIST & SUBMITTAL FORM

MAIL TO:

Indiana Department of Environmental Management
Cashiers Office – Mail Code 50-10C
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

NPDES PERMIT No. IN0025607

Facility Name Terre Haute Wastewater Treatment Plant

Mailing Address 3200 South State Road 63

Terre Haute, IN 47802

Facility Location 3200 South State Road 63

Terre Haute, IN 47802

Contact & Telephone C. Mark Thompson Phone: (317) 232-6564

REQUIRED INFORMATION

REQUIRED WITH ALL APPLICATIONS

TECHNICAL APPLICATIONS

 X \$50.00 Permit Application Fee

 X Whole Effluent Toxicity Test

 X Affected Parties Identification Form

 X Major Municipal Application / EPA Form

 X Request for Information Form

 Semi Public / Minor Municipal

*** An issued Construction Approval is required with all applications for a *new* NPDES permitted facility.**

The Permit Fee, Affected Parties Form and Request for Information Forms are required with all applications. Whole Effluent Toxicity Testing is required for all major facility renewal applications in accordance with regulations specified in 327 IAC 5-2-3(g)(1) and (2). Please check the information that is included, and insure that all forms are completely filled out with date and signature.

(Account No. & Revenue Code: 2830-411200-100600)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

STANDARD FORM A - MUNICIPAL

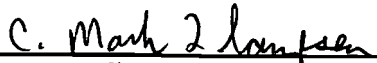
SECTION I APPLICANT AND FACILITY DESCRIPTION

Unless otherwise specified on this form all items are to be completed. If an item is not applicable indicate "NA"

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

		Please Print or Type	
1.	Legal Name of Applicant (See instructions)	101	City of Terre Haute
			Wastewater Utility
2.	Mailing Address of Applicant (See instructions)		
	Number and Street	102a	3200 South State Road 63
	City	102b	Terre Haute
	State	102c	Indiana
	Zip Code	102d	47802
3.	Applicant's Authorized Agent (See instructions)		
	Name and Title	103a	C. Mark Thompson
			Wastewater Utility Director
	Number and Street	103b	3200 South State Road 63
	City	103c	Terre Haute
	State	103d	Indiana
	Zip Code	103e	47802
	Telephone	103f	(812) 232-6564
			Area Code Number
4.	Previous Application If a previous application for a permit under the National Pollutant Discharge Elimination System has been made, give the date of application	104	2003 12 08 YR MO DAY

I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate.

C. Mark Thompson	102e	Wastewater Utility Director
Printed Name of Person Signing		Title
	102f	2010 01 06 YR MO DAY Date Application Signed
Signature of Applicant or Authorized Agent		

18 U.S.C. Section 1001 provides that:

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statement or representation, or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

5. Facility (see instructions)
Give the name, ownership, and physical location of the plant or other operating facility where discharge(s) presently occur(s) or will occur.

Name

105a

Terre Haute Wastewater Treatment Plant

Ownership

105b

☒

Public

Private

Both Public and Private

Federal Facility

105c

Yes

☒

No

GSA Inventory Control Number

105d

Location:

Number and Street

105e

3200 South State Road 63

City

105f

Terre Haute

County

105g

Indiana

State

105h

47802

6. Discharge to Another Municipal Facility
(See instructions)

a. Indicate if part of your discharge is into a municipal waste transport system under another responsible organization. If yes, complete the rest of this item and continue with item 7. If no, go directly to item 7.

106a

Yes

☒

No

b. Responsible Organization
Receiving Discharge
Name

106b

N/A

Number and Street

106c

City

106d

State

106e

Zip Code

106f

c. Facility which Receives Discharge
Give the name of the facility (Waste treatment plant) which receives and is ultimately responsible for treatment of the discharge from your facility.

106g

N/A

d. Average Daily Flow to Facility (mgd) Give your average daily flow into the receiving facility.

106h

N/A

mgd

7. Facility Discharges, Number and Discharge Volume (see instructions)
Specify the number of discharges described in this application and the volume of water discharged or lost to each of the categories below. Estimate average volume per day in million gallons per day. Do not include intermittent or noncontinuous overflows, bypasses or seasonal discharges from lagoons, holding ponds, etc.

		<u>Number of Discharge Points</u>		<u>Total Volume Discharged, Million Gallons Per Day</u>	
To:	Surface Water	107a1	1	107a2	12.35
	Surface Impoundment with no Effluent	107b1		107b2	
	Underground Percolation	107c1		107c2	
	Well (Injection)	107d1		107d2	
	Other	107e1		107e2	
	Total Item 7	107f1		107f2	
	If "Other" is specified, describe	107g1			
<p>If any of the discharges from this facility are intermittent, such as from overflow or bypass points, or are seasonal or periodic from lagoons, holding ponds, etc., complete Item 8.</p>					
8.	Intermittent Discharges				
a.	Facility bypass points indicate number of bypass points for the facility that are discharge points. (See instructions)	108a	1		
B.	Facility Overflow Points Indicate the number of overflow points to a surface water for the facility. (See instructions)	108b	10		
C.	Seasonal or Periodic Discharge Points Indicate the number of points where seasonal discharges occur from holding ponds, lagoons, etc.	108c			
9.	Collection System Type Indicate the type and length (in miles) of the collection system used by this facility. (See instructions)	109a			
	Separate Storm		SST		
	Separate Sanitary		SAN		
	Combined Sanitary and Storm		CSS		
	Both Separate Sanitary and Combined Sewer Systems	X	BSC		
	Both Separate Storm and Combined Sewer Systems		SSC		
	Length	109b	550	Miles	
10.	Municipalities or Areas Served (See instructions)				
		Name		Actual Population Served	
		110a	Terre Haute/Vigo County	110b	70,000
		110a		110b	
		110a		110b	
		110a		110b	
		110a		110b	
	Total Population Served			110c	

- 111 Mod

Note: All major industries (as defined in Section IV) discharging to the municipal system must be listed in Section IV.

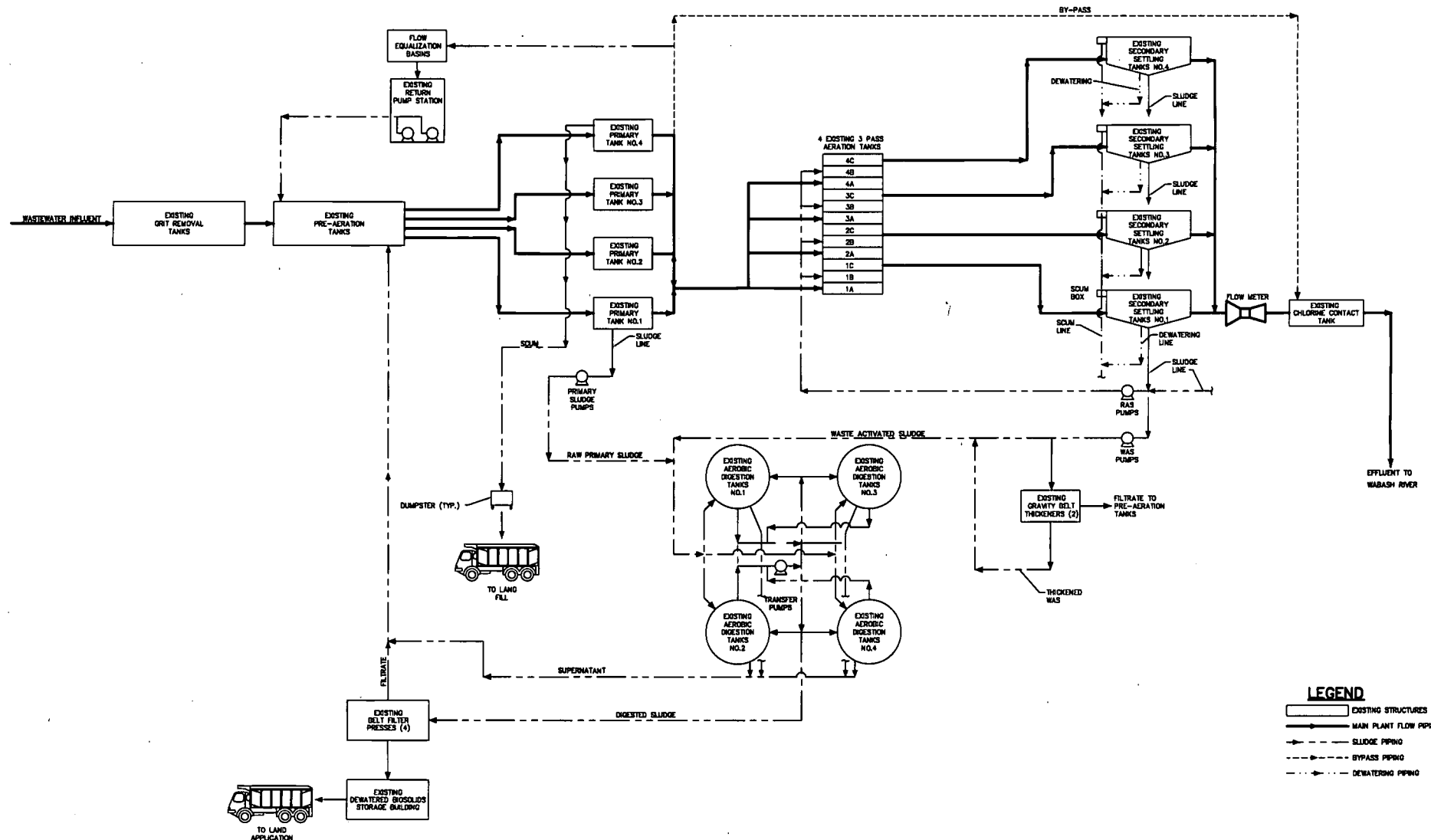
- Permits, Licenses and Applications**
List all existing, pending or denied permits, licenses and applications related to discharges from this facility. (See instructions)

[illegible]

- Maps and Drawings**
Attach all required maps and drawings to the back of this application. (See instructions)

- ### Additional Information

[illegible]



EXISTING PLANT
DETAILED FLOW DIAGRAM
NPDES PERMIT 2010
CITY OF TERRE HAUTE, INDIANA
DECEMBER 2009

HNTB

Please provide on the following form the names of those persons affected by these statutes, and include mailing labels with your application. 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

I. Identification of Potentially Affected Persons

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. The letter attached to this form will further explain the requirements under the AOPA. Attach additional names and addresses on a separate sheet of paper, as needed. Please indicate below the type of action you are requesting.

Name: Anthony A Tanoos	Name: CMP Midwest Property LLC
Street: 201 Ohio Street	Street: 3702 S 4th Street
City/State/Zip: Terre Haute, IN 47807	City/State/Zip: Terre Haute, IN 47802
Name: James O McDonald	Name: RBS Inc
Street: 648 Walnut Street, P.O. Box 8328	Street: 200 Voorhees Street
City/State/Zip: Terre Haute, IN 47808	City/State/Zip: Terre Haute, IN 47802
Name: Mikes Stop and Shop Inc	Name: Jack Pollitt
Street: 2900 S State Road 63	Street: 3450 S. State Road 63
City/State/Zip: Terre Haute, IN 47802	City/State/Zip: Terre Haute, IN 47802
Name: United States of America Prison	Name: Jerry Higginbotham
Street: 4200 Bureau Drive West	Street: 3129 S. State Road 63
City/State/Zip: Terre Haute, IN 47802	City/State/Zip: Terre Haute, IN 47802
Name: Western Tar Products	Name: Tim Morgan
Street: PO Box 10159	Street: 700 W. Johnson Drive
City/State/Zip: Terre Haute, IN 47801	City/State/Zip: Terre Haute, IN 47802
Name: Leon and Wanda Sanders	Name:
Street: 4043 E. Woodsmall Drive	Street:
City/State/Zip: Terre Haute, IN 47802	City/State/Zip:
Name:	Name:
Street:	Street:
City/State/Zip:	City/State/Zip:

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	001					
a.	Discharge Serial No. (See instructions)	201a						
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Wastewater Treatment Plant					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	001					
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	Year and Month					
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
		202b	Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d				
	State	203a		203d				
	County	203b	Vigo	203e				
	City or Town (if applicable)	203c	Terre Haute	203f				
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
	Stream (includes ditches, arroyos, and other watercourses)	204a		EST				
	Estuary			LKE				
	Lake			OCE				
	Ocean			WEL				
	Well (injection)			OTH				
	Other	204b						
	If "other" is checked, specify type	204b						
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	28	MIN	0	SEC
	Latitude	205a						
	Longitude	205b	-87	DEG	25	MIN	0	SEC
		205b						

DISCHARGE SERIAL NUMBER

001

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a 50 Feet

207b 2 Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

208a1 Wet weather X Yes No

208a2 Dry weather Yes X No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather 10 Times per year

208b2 Dry weather Times per year

- c. Bypass Duration
Average bypass duration in hours

208c1 Wet weather 7 Hours

208c2 Dry weather Hours

- d. Bypass Volume
Average volume per bypass

208d1 Wet weather 2373 Thousand gallons per incident

208d2 Dry weather Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e Wet Weather Causes Flow

To Exceed Plant Capacity

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

209a1 Wet weather Yes X No

209a2 Dry weather Yes X No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather Times per year

208b2 Dry weather Times per year

DISCHARGE SERIAL NUMBER

001

c.	Overflow Duration Average duration in hours	209c1		Hours												
	Wet weather															
	Dry weather	209c2		Hours												
d.	Overflow Volume Average volume per overflow incident in thousand gallons															
	Wet weather	209d1		Thousand gallons per incident												
	Dry weather	209d2		Thousand gallons per incident												
Proceed to Item 11																
10.	Seasonal/Periodic Discharges															
a.	Seasonal/periodic Discharge Frequency. If discharge is inter- mittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	0	Times per year												
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b		Thousand gallons per discharge occurrence												
c.	Seasonal/Periodic Discharge Duration. Give the average dura- tion of each discharge occurrence in days.	210c		Days												
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<table border="0" style="width: 100%;"> <tr> <td style="border-bottom: 1px solid black; width: 33%; text-align: center;">Jan</td> <td style="border-bottom: 1px solid black; width: 33%; text-align: center;">Feb</td> <td style="border-bottom: 1px solid black; width: 33%; text-align: center;">Mar</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">Apr</td> <td style="border-bottom: 1px solid black; text-align: center;">May</td> <td style="border-bottom: 1px solid black; text-align: center;">Jun</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">Jul</td> <td style="border-bottom: 1px solid black; text-align: center;">Aug</td> <td style="border-bottom: 1px solid black; text-align: center;">Sep</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">Oct</td> <td style="border-bottom: 1px solid black; text-align: center;">Nov</td> <td style="border-bottom: 1px solid black; text-align: center;">Dec</td> </tr> </table>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Jan	Feb	Mar														
Apr	May	Jun														
Jul	Aug	Sep														
Oct	Nov	Dec														
11.	Discharge Treatment															
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	<p>Treatment consists of aerated grit tanks, comminutors,</p> <p>pretreatment aeration tanks, primary clarifiers, activated</p> <p>sludge treatment, secondary clarifiers, metering, disinfection</p> <p>with chlorine gas, disinfection contact tank, dechlorination</p> <p>with sulphur dioxide, discharge to receiving stream</p> <p>Sludge Treatment consists of gravity belt thickeners,</p> <p>aerobic digesters, and one of the of the following:</p> <p>belt filter press to sludge storage, sludge lagoons,</p> <p>or land application. All supernatant returned to treatment.</p>													

DISCHARGE SERIAL NUMBER

001

<p>b. Discharge Treatment Codes Using the codes listed in Table I of the Instruction Booklet, describe the waste abatement processes applied to this discharge in the order in which they occur, if possible. Separate all codes with commas except where slashes are used to designate parallel operations.</p>	211b	GA, GA/SC,SC,SC/EA,EA,EA,EA/C,
		C,C,C/ASN,ASN,ASN,ASN/N, N,N,N/M/PG
		DA,DA,DA,DA,DD,DD,DD,DD/VP/XN, XD
<p>If this discharge is from a municipal waste treatment plant (not an overflow or bypass) complete Items 12 and 13</p>		
<p>12. Plant Design and Operation Manuals Check which of the following are currently available</p>		
<p>a. Engineering Design Report</p>	212a	
<p>b. Operation & Maintenance Manual</p>	212b	X
<p>13. Plant Design Data (see instructions)</p>		
<p>a. Plant Design Flow (mgd)</p>	313a	24.000 mgd
<p>b. Plant Design BOD Removal (%)</p>	213b	85 %
<p>c. Plant Design N Removal (%)</p>	213c	
<p>d. Plant Design P Removal (%)</p>	213d	
<p>e. Plant Design SS Removal (%)</p>	213e	85 %
<p>f. Plant Began Operation (year)</p>	213f	1962 year
<p>g. Plant Last Major Revision (year)</p>	213g	1989 year

DISCHARGE SERIAL NUMBER

001

14. Description of Influent and Effluent (see instructions)

Parameter and Code 214	Influent	Effluent					
	Annual Average Value (1)	Annual Average Value (2)	Lowest Monthly Average Value (3)	Highest Monthly Average Value (4)	Frequency of Analysis (5)	Number of Analyses (6)	Sample Type (7)
Flow Million gallons per day 50050	12.35	12.35	6.3	15.9	Continuous	Cont.	N/A
pH Units 00400			6.6	8.0	Daily	365	GRAB
Temperature (winter) °F 74026							
Temperature (summer) °F 74027							
Fecal Streptococci Bacteria Number/100 ml 74054 (Provide if available)							
Fecal Coliform Bacteria Number/100 ml 74055 (Provide if available)							
Total Coliform Bacteria Number/100 ml 74056 (Provide if available)							
BOD 5-day mg/l 00310	193	8	3	20	Daily	365	24hr Comp
Chemical Oxygen Demand (COD) mg/l 00340 (Provide if available) OR Total Organic Carbon (TOC) mg/l 00680 (Provide if available) (Either analysis is acceptable)							
Chlorine-Total Residual mg/l 50060		0.02	0.01	0.25	Daily*	214	GRAB

* During Disinfection Season

DISCHARGE SERIAL NUMBER

001

14. Description of Influent and Effluent (see instructions) (Continued)

Parameter and Code 214	Influent	Effluent					
	Annual Average Value (1)	Annual Average Value (2)	Lowest Monthly Average Value (3)	Highest Monthly Average Value (4)	Frequency of Analysis (5)	Number of Analyses (6)	Sample Type (7)
Total Solids mg/l 50500							
Total Dissolved Solids mg/l 70300							
Total Suspended Solids mg/l 00530	133	18.4	3	68.9	DAILY	365	24hr Comp
Settleable Matter (Residue) ml/l 00545							
Ammonia (as N) mg/l 00610 (Provide if available)	18.9	0.63	0.00	5.83	DAILY	365	24hr Comp
Kjeldahl Nitrogen mg/l 00625 (Provide if available)							
Nitrite (as N) mg/l 00620 (Provide if available)							
Nitrite (as N) mg/l 00615 (Provide if available)							
Phosphorus Total (as P) mg/l 00665 (Provide if available)							
Dissolved Oxygen (DO) mg/l 00300		8.2	5.5	10.3	DAILY	365	GRAB

DISCHARGE SERIAL NUMBER

Form Approved OMB No. 158-R0100

001

15 Additional Wastewater Characteristics

Check the box next to each parameter if it is present in the effluent. (See instructions)

Parameter (215)	Present	Parameter (215)	Present	Parameter (215)	Present
Bromide 71870		Cobalt 01037		Thallium 01059	
Chloride 00940		Chromium 01034	×	Titanium 01152	
Cyanide 00720	×	Copper 01042	×	Tin 01102	
Fluoride 00951		Iron 01045		Zinc 01092	×
Sulfide 00745		Lead 01051	×	Algicides* 74051	
Aluminum 01105		Manganese 01055		Chlorinated organic compounds* 74052	
Antimony 01097		Mercury 71900	×	Oil and grease 00550	
Arsenic 01002		Molybdenum 01062		Pesticides* 74053	
Beryllium 01012		Nickel 01067	×	Phenols 32730	
Barium 01007		Selenium 01147		Surfactants 328260	
Boron 01022		Silver 01077		Radioactivity* 74050	
Cadmium 01027	×				

*Provide specific compound and/or element in Item 17, if known.

Pesticides (Insecticides, fungicides, and rodenticides) must be reported in terms of the acceptable common names specified in *Acceptable Common Names and Chemical Names for the Ingredient Statement on Pesticide Labels*, 2nd Edition, Environmental Protection Agency, Washington, DC 20250, June 1972, as required by Subsection 162.7(b) of the Regulations for the Enforcement of the Federal Insecticide, fungicide, and rodenticide Act.

001

- Alarm for power or equipment failure**

316

X

APS

X

ALM

- ## 17. Additional information

[illegible]

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

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ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	002					
a.	Discharge Serial No. (See instructions)	201a						
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Main Pump Overflow					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	002					
2.	Discharge Operating Dates	202a	Year and Month					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a						
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d	Agency Use			
State		203b	Vigo	203e				
County		203c	Terre Haute	203f				
City or Town (if applicable)								
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
Stream (includes ditches, arroyos, and other watercourses)				EST				
Estuary				LKE				
Lake				OCE				
Ocean				WEL				
Well (injection)				OTH				
Other		204b						
If "other" is checked, specify type								
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	26	MIN	17	SEC
Latitude		205b	-87	DEG	25	MIN	41	SEC
Longitude								

DISCHARGE SERIAL NUMBER

002

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a

N/A Feet

207b

N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1

Yes

X

No

Dry weather

208a2

Yes

X

No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

N/A

Times per year

Dry weather

208b2

N/A

Times per year

- c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1

N/A

Hours

Dry weather

208c2

N/A

Hours

- d. Bypass Volume
Average volume per bypass

Wet weather

208d1

N/A

Thousand gallons per incident

Dry weather

208d2

N/A

Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e

N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1

X

Yes

No

Dry weather

209a2

Yes

X

No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

0

Times per year

Dry weather

208b2

0

Times per year

002

[illegible]

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	003		
	a. Discharge Serial No. (See instructions)				
	b. Discharge Name Give name of discharge, if any (See instructions)	201b	Turner Street Overflow		
	c. Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	003		
2.	Discharge Operating Dates				
	a. Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	N/A		
			Year and Month		
	b. Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in item 17.	202b	N/A		
			Year and Month		
3.	Discharge Location Name the political boundaries within which the point of discharge is located				
	State	203a	Indiana	203d	
	County	203b	Vigo	203e	
	City or Town (if applicable)	203c	Terre Haute	203f	
			Agency Use		
4.	Discharge Point Description (See instructions) Discharge is into (check one)				
	Stream (includes ditches, arroyos, and other watercourses)	204a	X	STR	
	Estuary			EST	
	Lake			LKE	
	Ocean			OCE	
	Well (injection)			WEL	
	Other			OTH	
	If "other" is checked, specify type	204b			
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)				
	Latitude	205a	39	DEG	26 MIN 17 SEC
	Longitude	205b	-87	DEG	25 MIN 41 SEC

DISCHARGE SERIAL NUMBER

003

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

7. Offshore Discharge

a. Discharge distance from shore

207a N/A Feet

b. Discharge depth below water surface

207b N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1 Yes ☒ No

Dry weather

208a2 Yes ☒ No

b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1 N/A Times per year

Dry weather

208b2 N/A Times per year

c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1 N/A Hours

Dry weather

208c2 N/A Hours

d. Bypass Volume
Average volume per bypass

Wet weather

208d1 N/A Thousand gallons per incident

Dry weather

208d2 N/A Thousand gallons per incident

e. Bypass Reasons
Give reasons why bypass occurs

308e N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1 ☒ Yes No

Dry weather

209a2 Yes ☒ No

b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1 13 Times per year

Dry weather

208b2 0 Times per year

c.	Overflow Duration Average duration in hours				
	Wet weather	209c1	2	Hours	
	Dry weather	209c2	0	Hours	
d.	Overflow Volume Average volume per overflow incident in thousand gallons				
	Wet weather	209d1	1378	Thousand gallons per incident	
	Dry weather	209d2	0	Thousand gallons per incident	
	Proceed to Item 11				
10.	Seasonal/Periodic Discharges				
a.	Seasonal/periodic Discharge Frequency. If discharge is intermittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	N/A	Times per year	
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b	N/A	Thousand gallons per discharge occurrence	
c.	Seasonal/Periodic Discharge Duration. Give the average duration of each discharge occurrence in days.	210c	N/A	Days	
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<div>Jan</div> <div>Apr</div> <div>Jul</div> <div>Oct</div>	<div>Feb</div> <div>May</div> <div>Aug</div> <div>Nov</div>	<div>Mar</div> <div>Jun</div> <div>Sep</div> <div>Dec</div>
11.	Discharge Treatment				
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	None		

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	004		
a.	Discharge Serial No. (See instructions)				
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Hulman Street Overflow		
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	004		
2.	Discharge Operating Dates				
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	N/A		
			Year and Month		
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A		
			Year and Month		
3.	Discharge Location Name the political boundaries within which the point of discharge is located				
	State	203a	Indiana	203d	
	County	203b	Vigo	203e	
	City or Town (if applicable)	203c	Terre Haute	203f	
4.	Discharge Point Description (See instructions) Discharge is into (check one)				
	Stream (includes ditches, arroyos, and other watercourses)	204a	X	STR	
	Estuary			EST	
	Lake			LKE	
	Ocean			OCE	
	Well (injection)			WEL	
	Other			OTH	
	If "other" is checked, specify type	204b	N/A		
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)				
	Latitude	205a	39	DEG	26
					MIN
					56
					SEC
	Longitude	205b	-87	DEG	25
					MIN
					26
					SEC

DISCHARGE SERIAL NUMBER

004

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a

N/A Feet

207b

N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1

Yes

X No

Dry weather

208a2

Yes

X No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

N/A

Times per year

Dry weather

208b2

N/A

Times per year

- c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1

N/A

Hours

Dry weather

208c2

N/A

Hours

- d. Bypass Volume
Average volume per bypass

Wet weather

208d1

N/A

Thousand gallons per incident

Dry weather

208d2

N/A

Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e

N/A.

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1

X

Yes

No

Dry weather

209a2

Yes

X No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

60

Times per year

Dry weather

208b2

0

Times per year

c.	Overflow Duration Average duration in hours				
	Wet weather	209c1	3.5	Hours	
	Dry weather	209c2	0	Hours	
d.	Overflow Volume Average volume per overflow incident in thousand gallons				
	Wet weather	209d1	1870	Thousand gallons per incident	
	Dry weather	209d2	0	Thousand gallons per incident	
	Proceed to Item 11				
10.	Seasonal/Periodic Discharges				
a.	Seasonal/periodic Discharge Frequency. If discharge is intermittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	0	Times per year	
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b	N/A	Thousand gallons per discharge occurrence	
c.	Seasonal/Periodic Discharge Duration. Give the average duration of each discharge occurrence in days.	210c	N/A	Days	
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<div>Jan</div> <div>Apr</div> <div>Jul</div> <div>Oct</div>	<div>Feb</div> <div>May</div> <div>Aug</div> <div>Nov</div>	<div>Mar</div> <div>Jun</div> <div>Sep</div> <div>Dec</div>
11.	Discharge Treatment				
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	None		

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	005		
a.	Discharge Serial No. (See instructions)				
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Crawford Street Overflow		
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	005		
2.	Discharge Operating Dates	202a	N/A		
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.		Year and Month		
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A		
			Year and Month		
3.	Discharge Location Name the political boundaries within which the point of discharge is located	<u>Agency Use</u>			
	State	203a	Indiana	203d	
	County	203b	Vigo	203e	
	City or Town (if applicable)	203c	Terre Haute	203f	
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X STR		
	Stream (includes ditches, arroyos, and other watercourses)				
	Estuary		EST		
	Lake		LKE		
	Ocean		OCE		
	Well (injection)		WEL		
	Other		OTH		
	If "other" is checked, specify type	204b	N/A		
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39 DEG	27 MIN	25 SEC
	Latitude				
	Longitude	205b	-87 DEG	25 MIN	12 SEC

DISCHARGE SERIAL NUMBER

005

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a

N/A Feet

207b

N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1

Yes

X

No

Dry weather

208a2

Yes

X

No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

N/A

Times per year

Dry weather

208b2

N/A

Times per year

- c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1

N/A

Hours

Dry weather

208c2

N/A

Hours

- d. Bypass Volume
Average volume per bypass

Wet weather

208d1

N/A

Thousand gallons per incident

Dry weather

208d2

N/A

Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e

N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1

X

Yes

No

Dry weather

209a2

Yes

X

No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

52

Times per year

Dry weather

208b2

0

Times per year

c.	<p>Overflow Duration Average duration in hours</p> <p>Wet weather</p> <p>Dry weather</p>	<p>209c1</p> <p>209c2</p>	<p>2.5</p> <p>0</p>	<p>Hours</p> <p>Hours</p>
d.	<p>Overflow Volume Average volume per overflow incident in thousand gallons</p> <p>Wet weather</p> <p>Dry weather</p>	<p>209d1</p> <p>209d2</p>	<p>335</p> <p>0</p>	<p>Thousand gallons per incident</p> <p>Thousand gallons per incident</p>
Proceed to Item 11				
10.	Seasonal/Periodic Discharges			
a.	Seasonal/periodic Discharge Frequency. If discharge is intermittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	N/A	Times per year
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b	N/A	Thousand gallons per discharge occurrence
c.	Seasonal/Periodic Discharge Duration. Give the average duration of each discharge occurrence in days.	210c	N/A	Days
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<div>Jan</div> <div>Apr</div> <div>Jul</div> <div>Oct</div>	<div>Feb</div> <div>May</div> <div>Aug</div> <div>Nov</div>
				Mar
				Jun
				Sep
				Dec
11.	Discharge Treatment			
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	None	

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name		006	
a.	Discharge Serial No. (See instructions)	201a		
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Oak Street Overflow	
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	006	
2.	Discharge Operating Dates			
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	N/A	
			Year and Month	
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A	
			Year and Month	
3.	Discharge Location Name the political boundaries within which the point of discharge is located			Agency Use
	State	203a	Indiana	203d
	County	203b	Vigo	203e
	City or Town (if applicable)	203c	Terre Haute	203f
4.	Discharge Point Description (See instructions) Discharge is into (check one)			
	Stream (includes ditches, arroyos, and other watercourses)	204a	X	STR
	Estuary			EST
	Lake			LKE
	Ocean			OCE
	Well (injection)			WEL
	Other			OTH
	If "other" is checked, specify type	204b	N/A	
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)			
	Latitude	205a	39 DEG	27 MIN 43 SEC
	Longitude	205b	-87 DEG	25 MIN 8 SEC

DISCHARGE SERIAL NUMBER

006

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a

N/A Feet

207b

N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1

Yes

X

No

Dry weather

208a2

Yes

X

No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

N/A

Times per year

Dry weather

208b2

N/A

Times per year

- c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1

N/A

Hours

Dry weather

208c2

N/A

Hours

- d. Bypass Volume
Average volume per bypass

Wet weather

208d1

N/A

Thousand gallons per incident

Dry weather

208d2

N/A

Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e

N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1

X

Yes

No

Dry weather

209a2

Yes

X

No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

52

Times per year

Dry weather

208b2

0

Times per year

STANDARD FORM A - MUNICIPAL**SECTION II BASIC DISCHARGE DESCRIPTION**

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	007					
a.	Discharge Serial No. (See instructions)							
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Walnut Street Overflow					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	007					
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	Year and Month						
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
		Year and Month						
3.	Discharge Location Name the political boundaries within which the point of discharge is located	<u>Agency Use</u>						
State	203a	Indiana	203d					
County	203b	Vigo	203e					
City or Town (if applicable)	203c	Terre Haute	203f					
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X					
Stream (includes ditches, arroyos, and other watercourses)			STR					
Estuary			EST					
Lake			LKE					
Ocean			OCE					
Well (injection)			WEL					
Other			OTH					
If "other" is checked, specify type	204b	N/A						
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	27	MIN	54	SEC
Latitude		205b	-87	DEG	25	MIN	8	SEC
Longitude								

DISCHARGE SERIAL NUMBER

007

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

7. Offshore Discharge

a. Discharge distance from shore

207a N/A Feet

b. Discharge depth below water surface

207b N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1 Yes ☒ No

Dry weather

208a2 Yes ☒ No

b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1 N/A Times per year

Dry weather

208b2 N/A Times per year

c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1 N/A Hours

Dry weather

208c2 N/A Hours

d. Bypass Volume
Average volume per bypass

Wet weather

208d1 N/A Thousand gallons per incident

Dry weather

208d2 N/A Thousand gallons per incident

e. Bypass Reasons
Give reasons why bypass occurs

308e N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1 ☒ Yes No

Dry weather

209a2 Yes ☒ No

b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1 42 Times per year

Dry weather

208b2 0 Times per year

- EPA Form 7550-22 (7-73)

STANDARD FORM A - MUNICIPAL**SECTION II BASIC DISCHARGE DESCRIPTION**

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ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	008					
a.	Discharge Serial No. (See instructions)	201b	Ohio Street Overflow					
b.	Discharge Name Give name of discharge, if any (See instructions)	201c	008					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number							
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.		Year and Month					
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
			Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d	Agency Use			
State		203b	Vigo	203e				
County		203c	Terre Haute	203f				
City or Town (if applicable)								
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
Stream (includes ditches, arroyos, and other watercourses)				EST				
Estuary				LKE				
Lake				OCE				
Ocean				WEL				
Well (injection)				OTH				
Other		204b	N/A					
If "other" is checked, specify type								
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	27	MIN	58	SEC
Latitude		205b	-87	DEG	25	MIN	12	SEC
Longitude								

DISCHARGE SERIAL NUMBER

008

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a N/A Feet

207b N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

208a1 Wet weather Yes ☒ No208a2 Dry weather Yes ☒ No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather N/A Times per year

208b2 Dry weather N/A Times per year

- c. Bypass Duration
Average bypass duration in hours

208c1 Wet weather N/A Hours

208c2 Dry weather N/A Hours

- d. Bypass Volume
Average volume per bypass

208d1 Wet weather N/A Thousand gallons per incident

208d2 Dry weather N/A Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

209a1 Wet weather ☒ Yes No209a2 Dry weather Yes ☒ No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather 35 Times per year

208b2 Dry weather 0 Times per year

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	009					
a.	Discharge Serial No. (See instructions)	201a						
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Chestnut Street Overflow					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	009					
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	Year and Month					
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
		202b	Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d	Agency Use			
	State	203a		203d				
	County	203b	Vigo	203e				
	City or Town (if applicable)	203c	Terre Haute	203f				
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
	Stream (includes ditches, arroyos, and other watercourses)	204a		EST				
	Estuary			LKE				
	Lake			OCE				
	Ocean			WEL				
	Well (injection)			OTH				
	Other	204b	N/A					
	If "other" is checked, specify type	204b						
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	28	MIN	16	SEC
	Latitude	205a						
	Longitude	205b	-87	DEG	25	MIN	12	SEC
		205b						

DISCHARGE SERIAL NUMBER

009

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a

N/A Feet

207b

N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

Wet weather

208a1

Yes

X

No

Dry weather

208a2

Yes

X

No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

N/A

Times per year

Dry weather

208b2

N/A

Times per year

- c. Bypass Duration
Average bypass duration in hours

Wet weather

208c1

N/A

Hours

Dry weather

208c2

N/A

Hours

- d. Bypass Volume
Average volume per bypass

Wet weather

208d1

N/A

Thousand gallons per incident

Dry weather

208d2

N/A

Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e

N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

Wet weather

209a1

X

Yes

No

Dry weather

209a2

Yes

X

No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

Wet weather

208b1

70

Times per year

Dry weather

208b2

0

Times per year

c.	<p>Overflow Duration Average duration in hours</p> <p>Wet weather</p> <p>Dry weather</p>	<p>209c1</p> <p>209c2</p>	<p>3.0</p> <p>0</p>	<p>Hours</p> <p>Hours</p>
d.	<p>Overflow Volume Average volume per overflow incident in thousand gallons</p> <p>Wet weather</p> <p>Dry weather</p>	<p>209d1</p> <p>209d2</p>	<p>935</p> <p>0</p>	<p>Thousand gallons per incident</p> <p>Thousand gallons per incident</p>
Proceed to Item 11				
10.	Seasonal/Periodic Discharges			
a.	Seasonal/periodic Discharge Frequency. If discharge is intermittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	N/A	Times per year
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b	N/A	Thousand gallons per discharge occurrence
c.	Seasonal/Periodic Discharge Duration. Give the average duration of each discharge occurrence in days.	210c	N/A	Days
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<div> <div>Jan</div> <div>Feb</div> <div>Mar</div> <div>Apr</div> <div>May</div> <div>Jun</div> <div>Jul</div> <div>Aug</div> <div>Sep</div> <div>Oct</div> <div>Nov</div> <div>Dec</div> </div>	
11.	Discharge Treatment			
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	None	

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	010					
a.	Discharge Serial No. (See instructions)	201a						
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Spruce Street Overflow					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	010					
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	Year and Month					
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
		202b	Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d	Agency Use			
State		203b	Vigo	203e				
County		203c	Terre Haute	203f				
City or Town (if applicable)								
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
Stream (includes ditches, arroyos, and other watercourses)				EST				
Estuary				LKE				
Lake				OCE				
Ocean				WEL				
Well (injection)				OTH				
Other		204b	N/A					
If "other" is checked, specify type								
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	28	MIN	30	SEC
Latitude		205b	-87	DEG	25	MIN	12	SEC
Longitude								

DISCHARGE SERIAL NUMBER

010

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a N/A Feet

207b N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

208a1 Wet weather Yes ☒ No208a2 Dry weather Yes ☒ No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather N/A Times per year

208b2 Dry weather N/A Times per year

- c. Bypass Duration
Average bypass duration in hours

208c1 Wet weather N/A Hours

208c2 Dry weather N/A Hours

- d. Bypass Volume
Average volume per bypass

208d1 Wet weather N/A Thousand gallons per incident

208d2 Dry weather N/A Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

209a1 Wet weather ☒ Yes No209a2 Dry weather Yes ☒ No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather 45 Times per year

208b2 Dry weather 0 Times per year

c.	Overflow Duration Average duration in hours				
	Wet weather	209c1	3.5	Hours	
	Dry weather	209c2	0	Hours	
d.	Overflow Volume Average volume per overflow incident in thousand gallons				
	Wet weather	209d1	762	Thousand gallons per incident	
	Dry weather	209d2	0	Thousand gallons per incident	
	Proceed to Item 11				
10.	Seasonal/Periodic Discharges				
a.	Seasonal/periodic Discharge Frequency. If discharge is intermittent from a holding pond, lagoon, etc., give the actual or approximate number of times this discharge occurs per year.	210a	0	Times per year	
b.	Seasonal/Periodic Discharge Volume. Give the average volume per discharge occurrence in thousand gallons.	210b	N/A	Thousand gallons per discharge occurrence	
c.	Seasonal/Periodic Discharge Duration. Give the average duration of each discharge occurrence in days.	210c	N/A	Days	
d.	Seasonal/Periodic Discharge Occurrence - Months. Check the months during the year when the discharge normally occurs.	210d	<div>Jan</div> <div>Apr</div> <div>Jul</div> <div>Oct</div>	<div>Feb</div> <div>May</div> <div>Aug</div> <div>Nov</div>	<div>Mar</div> <div>Jun</div> <div>Sep</div> <div>Dec.</div>
11.	Discharge Treatment				
a.	Discharge Treatment Description Describe waste abatement practices used on this discharge with a brief narrative. (See instructions)	211a	None		

STANDARD FORM A - MUNICIPAL

SECTION II BASIC DISCHARGE DESCRIPTION

Complete this section for each present or proposed discharge indicated in Section I, Items 7 and 8, that is to surface waters. This includes discharges to other municipal sewerage systems in which the waste water does not go through a treatment works prior to being discharged to surface waters. Discharges to wells must be described where there are also discharges to surface waters from this facility. Separate descriptions of each discharge are required even if several discharges originate in the same facility. All values for an existing discharge should be representative of the twelve previous months of operation. If this is a proposed discharge, values should reflect best engineering estimates.

ADDITIONAL INSTRUCTIONS FOR SELECTED ITEMS APPEAR IN SEPARATE INSTRUCTION BOOKLET AS INDICATED. REFER TO BOOKLET BEFORE FILLING OUT THESE ITEMS.

1.	Discharge Serial No. And Name	201a	011					
a.	Discharge Serial No. (See instructions)	201a						
b.	Discharge Name Give name of discharge, if any (See instructions)	201b	Idaho Street Overflow					
c.	Previous Discharge Serial No. If a previous NPDES permit Application was made for this discharge (Item 4 Section I) provide previous discharge serial number	201c	011					
2.	Discharge Operating Dates	202a	N/A					
a.	Discharge to Begin Date If the discharge has never occurred but is planned for some future date, give the date the discharge will begin.	202a	Year and Month					
b.	Discharge to End Date If the discharge is scheduled to be discontinued within the next 5 years, give the date (within best estimate) the discharge will end. Give reason for discontinuing this discharge in Item 17.	202b	N/A					
		202b	Year and Month					
3.	Discharge Location Name the political boundaries within which the point of discharge is located	203a	Indiana	203d	Agency Use			
State		203a		203d				
County		203b	Vigo	203e				
City or Town (if applicable)		203c	Terre Haute	203f				
4.	Discharge Point Description (See instructions) Discharge is into (check one)	204a	X	STR				
Stream (includes ditches, arroyos, and other watercourses)		204a		EST				
Estuary				LKE				
Lake				OCE				
Ocean				WEL				
Well (injection)				OTH				
Other		204b	N/A					
If "other" is checked, specify type		204b						
5.	Discharge Point - Lat/Long State the precise location of the point of discharge to the nearest second. (See instructions)	205a	39	DEG	26	MIN	53	SEC
Latitude		205a						
Longitude		205b	-87	DEG	25	MIN	34	SEC
		205b						

DISCHARGE SERIAL NUMBER

011

6. Discharge Receiving Water Name
Name the waterway at the point of discharge. (See instructions)

206a Wabash River

For Agency Use

Major	Minor	Sub

For Agency Use

303e

If the discharge is through an outfall that extends beyond the shoreline or is below the mean low water line, complete in Item 7.

206b

7. Offshore Discharge
a. Discharge distance from shore
b. Discharge depth below water surface

207a N/A Feet

207b N/A Feet

If discharge is from a bypass or an overflow point or is a seasonal discharge from a lagoon, holding pond, etc., complete Items 8, 9 or 10, as applicable, and continue with Item 11.

8. Bypass Discharge (see instructions)

- a. Bypass Occurrence
Check when bypass occurs

208a1 Wet weather Yes ☒ No208a2 Dry weather Yes ☒ No

- b. Bypass Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather N/A Times per year

208b2 Dry weather N/A Times per year

- c. Bypass Duration
Average bypass duration in hours

208c1 Wet weather N/A Hours

208c2 Dry weather N/A Hours

- d. Bypass Volume
Average volume per bypass

208d1 Wet weather N/A Thousand gallons per incident

208d2 Dry weather N/A Thousand gallons per incident

- e. Bypass Reasons
Give reasons why bypass occurs

308e N/A

Proceed to Item 11

9. Overflow Discharge (see instructions)

- a. Overflow Occurrence
Check when overflow occurs

209a1 Wet weather ☒ Yes ☐ No209a2 Dry weather ☐ Yes ☒ No

- b. Overflow Frequency
Actual or approximate number of bypass incidents per year

208b1 Wet weather 21 Times per year

208b2 Dry weather 0 Times per year

STANDARD FORM A - MUNICIPAL

SECTION III SCHEDULED IMPROVEMENTS AND SCHEDULES OF IMPLEMENTATION

This Section requires information on any uncompleted implementation schedule which has been imposed for construction of waste treatment facilities. Requirement schedules may have been established by local, State, or Federal agencies or by court action. IF YOU ARE SUBJECT TO SEVERAL DIFFERENT IMPLEMENTATION SCHEDULES, EITHER BECAUSE OF DIFFERENT LEVELS OF AUTHORITY IMPOSING DIFFERENT SCHEDULES (ITEM 1b) AND/OR STAGED CONSTRUCTION OF SEPARATE OPERATIONAL UNITS (ITEM 1c), SUBMIT A SEPARATE SECTION III FOR EACH ONE.

1. Improvements Required

- a. Discharge Serial Numbers Affected List the discharge serial numbers, assigned in Section II, that are covered by This Implementation Schedule

300

FOR AGENCY USE

Schedule No.

- b. Authority Imposing Requirement Check the appropriate item indicating the authority for the implementation schedule. If the identical implementation schedule has been ordered by more than one authority, check the appropriate items. (See Instructions)

301a

The discharge serial numbers affected have not been identified to date. The CSO LTCP is still draft form.

- Locally developed plan
Areawide Plan
Basin Plan
State approved implementation schedule
Federal approved water quality standards implementation plan
Federal enforcement procedure or action
State court order
Federal court order

301b

- ☒ LOC
☐ ARE
☐ BAS
☐ SQS
☐ WQS
☐ ENF
☐ CRT
☐ FED

Combined Sewer Overflow Long Term Control Plan (CSO LTCP):
The CSO LTCP will be submitted per the State Judicial Agreement (SJA) that is in place. The schedule identified in the SJA is attached.

- c. Improvement Description Specify the 3 character code for the General Action Description in Table II that best describes the Improvements required by the implementation schedule. If more than one schedule applies to the facility because of a staged construction schedule, state the stage of construction being described here with the appropriate general action code. Submit a separate Section III for each stage of construction planned. Also, list all the 3-character (Specific Action) codes which describe in more detail pollution abatement practices that the implementation schedule requires.

3-character general action description

301c

N/A

3-character specific action descriptions

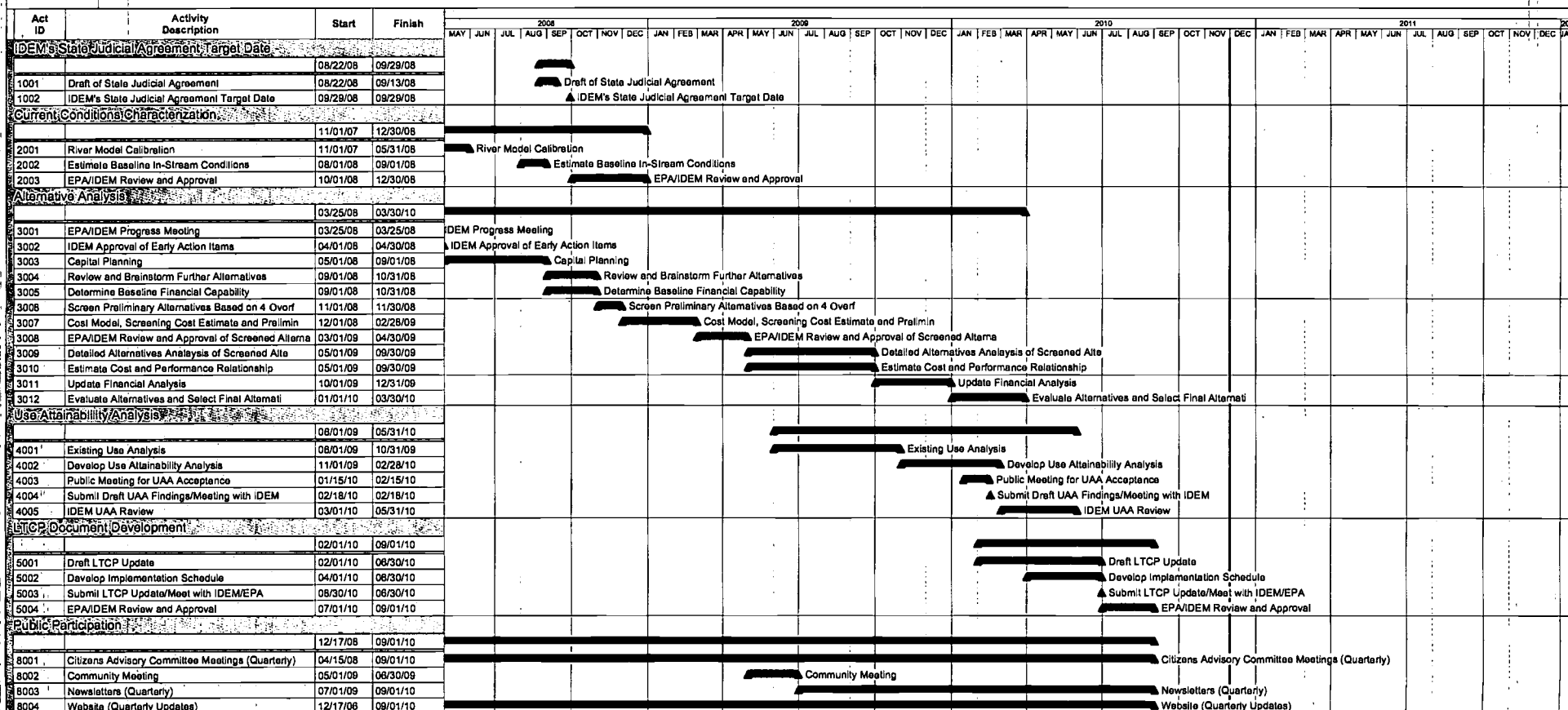
301d

___/___/___/___/

2. Implementation Schedule and 3. Actual Completion Dates See Attached Schedule from SJA.

Provide dates imposed by schedule and any actual dates of completion for implementation steps listed below. Indicate dates as accurately as possible. (See instructions)

Implementation Steps	2. Schedule (Yr/ Mo/ Day)	3. Actual Completion (Yr/ Mo/ Day)
a. Preliminary plan complete	302a ___/___/___	302a ___/___/___
b. Final plan complete	302b ___/___/___	302b ___/___/___
c. Financing complete and contract awarded	302c ___/___/___	302c ___/___/___
d. Site acquired	302d ___/___/___	302d ___/___/___
e. Begin construction	302e ___/___/___	302e ___/___/___
f. End construction	302f ___/___/___	302f ___/___/___
g. Begin discharge	302g ___/___/___	302g ___/___/___
h. Operational level attained	302h ___/___/___	302h ___/___/___



STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Aisin Brake and Chassis, Inc.			
	Number & Street	401b	10550 James Adams Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	CA			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	25.3 Thousand gallons per day			
		404b	Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Cadmium	Chromium	Copper	Cyanide	Lead	Molybdenum	Nickel
406a	Parameter Number	01027	01034	01042	00720	01051	01062	01067
406b	Value	0.11	2.77	3.38	1.20	0.69	1.0	3.98

Terre Haute Industrial Pretreatment Permit #1120

Values Shown are Daily Maximum Limits

1 of 3

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Aisin Brake and Chassis, Inc.			
	Number & Street	401b	10550 James Adams Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	CA			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	25.3 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

	Parameter Name	Silver	TTO	Zinc	Ammonia	TBOD5	Oil and Grease	PH
406a	Parameter Number	01077		01092	00610	00310	00550	
406b	Value	0.43	2.13	2.61	50	1000	100	5-10

Terre Haute Industrial Pretreatment Permit #1120

Values Shown are Daily Maximum Limits

2 of 3

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Aisin Brake and Chassis, Inc.			
	Number & Street	401b	10550 James Adams Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	CA			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	25.3 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS						
406a	Parameter Number	0053						
406b	Value	1200						

Terre Haute Industrial Pretreatment Permit #1120

Values Shown are Daily Maximum Limits

3 of 3

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Ampacet Corporation			
	Number & Street	401b	3701 North Fruitridge			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47804			
2.	Primary Standard Industrial Classification Code (See instructions)	402	NSIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Plastic Molding & Forming	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	54.4	Thousand gallons per day		
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TBOD5	pH	TSS				
406a	Parameter Number	00310		0530				
406b	Value	1000	5-10	1200				

Terre Haute Industrial Pretreatment Permit #1090

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1. Major Contributing Facility (See instructions) Name	401a	Aramark Uniform Services			
Number & Street	401b	3752 North Fruitridge			
City	401c	Terre Haute			
County	401d	Vigo County			
State	401e	Indiana			
Zip Code	401f	47804			
2. Primary Standard Industrial Classification Code (See instructions)	402	7218			
3. Principal Product or Raw Material (See instructions)			Quantity		Units (see Table III)
Product	403a	Industrial Laundry	403c		403e
Raw Material	403b		403d		403f
4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	29.3 Thousand gallons per day			
	404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

Polar Non-Polar

	Parameter Name	TSS	pH	TBOD5	Oil and Grease	Oil and Grease	Copper	Lead
406a	Parameter Number	00530		00310	00550	00550	01042	01051
406b	Value	1200	5-11.5	1000	100	300	9.0	1.2

Terre Haute Industrial Pretreatment Permit #1092

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Aramark Uniform Services			
	Number & Street	401b	3752 North Fruitridge			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47804			
2.	Primary Standard Industrial Classification Code (See instructions)	402	7218			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Industrial Laundry	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	29.3 Thousand gallons per day			
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

	Parameter Name	Nickel	Zinc					
406a	Parameter Number	01067	01092					
406b	Value	7.0	9.0					

Terre Haute Industrial Pretreatment Permit #1092

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Certainteed Corp			
	Number & Street	401b	1001 West Industrial Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	18.7 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS	pH	TBOD5	Molybdenum	Oil & Grease	Arsenic	Cadmium
406a	Parameter Number	00530		00310	01062	00550	01002	01027
406b	Value	1200	5-10	1000	1.0	100	0.70	0.80

Terre Haute Industrial Pretreatment Permit #1126
Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Certainteed Corp			
	Number & Street	401b	1001 West Industrial Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	18.7 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Cyanide
406a	Parameter Number	01034	01042	01051	71900	01067	01092	00720
406b	Value	10.0	9.0	1.20	0.20	7.0	9.0	0.5

Terre Haute Industrial Pretreatment Permit #1126
Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	ChemGen Corporation			
	Number & Street	401b	1445 South 1st Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47801			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	11.0 Thousand gallons per day			
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Copper	Cyanide	Molybdenum	Oil & Grease	pH	Ammonia	TBOD5
406a	Parameter Number	01042	00720	01062	00550		00610	00310
406b	Value	9.0	0.5	1.0	100	5-10	100	1000

Terre Haute Industrial Pretreatment Permit #1127

Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	ChemGen Corporation			
	Number & Street	401b	1445 South 1st Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47801			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	11.0 Thousand gallons per day			
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS						
406a	Parameter Number	00530						
406b	Value	1000						

Terre Haute Industrial Pretreatment Permit #1127

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Columbian Home Products, LLC			
	Number & Street	401b	1600 Beech Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47804			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3469			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Porcelain Cookware	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	38.8	Thousand gallons per day		
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TBOD5	pH	TSS	Chromium	Lead	Nickel	Zinc
406a	Parameter Number	00310		00530	01034	01051	01067	01092
406b	Value	1000	5-10	1200	0.27	0.10	0.92	0.87

Terre Haute Industrial Pretreatment Permit #1093

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Comphanhia Siderurgica Nacional,LLC			
	Number & Street	401b	455 West Industrial Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3316			
3.	Principal Product or Raw Material (See instructions)		Quantity	Units (see Table III)		
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	48.5 Thousand gallons per day			
		404b	___ Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes ___ No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Ammonia	TBOD5	Copper	Oil & Grease	ph	TSS	
406a	Parameter Number	00610	00310	01042	00550		00530	
406b	Value	50	1000	9.00	100	5-10	1200	

Terre Haute Industrial Pretreatment Permit #1119

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Comphanhia Siderurgica Nacional,LLC			
	Number & Street	401b	455 West Industrial Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3316			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	48.5 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Lead	Naphthalene	Tetra- Chloroethylene	Zinc			
406a	Parameter Number	01051			01092			
406b	Value	1.23	0.02	0.024	1.59			

Terre Haute Industrial Pretreatment Permit #1119

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Digital Audio Disc Corporation			
	Number & Street	401b	1800 North Fruitridge Avenue			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47804			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	DVD's & Compact Discs	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	54.8	Thousand gallons per day		
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Cadmium	Chromium	Copper	Cyanide	Lead	Nickel	Silver
406a	Parameter Number	01027	01034	01042	00720	01051	01067	01077
406b	Value	0.69	2.77	3.38	1.20	0.69	3.98	0.43

Terre Haute Industrial Pretreatment Permit #1114
Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Digital Audio Disc Corporation				
	Number & Street	401b	1800 North Fruitridge Avenue				
	City	401c	Terre Haute				
	County	401d	Vigo County				
	State	401e	Indiana				
	Zip Code	401f	47804				
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU				
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)		
	Product	403a	DVD's & Compact Discs	403c		403e	
	Raw Material	403b		403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	54.8	Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)				
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
6.	Characteristics of Wastewater (See instructions)						

	Parameter Name	TTO	Zinc	TBOD5	pH	Oil & Grease	TSS	
406a	Parameter Number		01092	00310		00550	00530	
406b	Value	2.13	2.61	1000	5-10	100	1200	

Terre Haute Industrial Pretreatment Permit #1114
Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Digital Audio Disc Corporation				
	Number & Street	401b	3181 North Fruitridge Avenue				
	City	401c	Terre Haute				
	County	401d	Vigo County				
	State	401e	Indiana				
	Zip Code	401f	47804				
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU				
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)		
	Product	403a	DVD's & Compact Discs	403c		403e	h
	Raw Material	403b		403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	12.0	Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)				
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
6.	Characteristics of Wastewater (See instructions)						

	Parameter Name	Cadmium	Chromium	Copper	Cyanide	Lead	Nickel	Silver
406a	Parameter Number	01027	01034	01042	00720	01051	01067	01077
406b	Value	0.69	2.77	3.38	1.20	0.69	3.98	0.43

Terre Haute Industrial Pretreatment Permit #1116

Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Digital Audio Disc Corporation				
	Number & Street	401b	3181 North Fruitridge Avenue				
	City	401c	Terre Haute				
	County	401d	Vigo County				
	State	401e	Indiana				
	Zip Code	401f	47804				
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU				
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)		
	Product	403a	DVD's & Compact Discs	403c		403e	
	Raw Material	403b		403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	12.0	Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)				
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
6.	Characteristics of Wastewater (See instructions)						

	Parameter Name	TTO	Zinc	TBOD5	pH	Oil & Grease	TSS	
406a	Parameter Number		01092	00310		00550	00530	
406b	Value	2.13	2.61	1000	5-10	100	1200	

Terre Haute Industrial Pretreatment Permit #1116

Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Danisco USA Inc.			
	Number & Street	401b	160 West Dallas Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	332.8 Thousand gallons per day			
		404b	Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Cyanide	Calcium Nitrate	Cadmium	Chromium	Copper	Lead	Mercury
406a	Parameter Number	00720		01027	01034	01042	01051	71900
406b	Value	0.50	Report	0.80	10.0	9.0	1.2	0.2

Terre Haute Industrial Pretreatment Permit #1180

Values Shown are Daily Maximum Limits

1 of 3

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Danisco USA Inc.			
	Number & Street	401b	160 West Dallas Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	332.8 Thousand gallons per day			
		404b	___ Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes ___ No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Nickel	Zinc	Sulfate	TSS	pH	TBOD5	COD
406a	Parameter Number	00340	01092	00945	00530		00310	00340
406b	Value	0.2	7.0	9.0	1200	5-10	8000	Report

Terre Haute Industrial Pretreatment Permit #1180

Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Danisco USA Inc.			
	Number & Street	401b	160 West Dallas Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	332.8 Thousand gallons per day			
		404b	Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	PCB						
406a	Parameter Number							
406b	Value	0.003						

Terre Haute Industrial Pretreatment Permit #1180

Values Shown are Daily Maximum Limits

3 of 3

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Federal Correctional Institution			
	Number & Street	401b	4200 South Bureau Road			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	SIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Penitentiary	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	338.0	Thousand gallons per day		
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS	pH	TBOD5	Oil & Grease	Copper	Cyanide	Molybdenum
406a	Parameter Number	00530		00310	00550	01042	00720	01062
406b	Value	1200	5-10	1000	100	9.0	0.5	1.0

Terre Haute Industrial Pretreatment Permit #1103

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	GE Engine Services			
	Number & Street	401b	3390 Locust Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47804			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3724			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c		403e	
	Raw Material	403b	403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	3.0 Thousand gallons per day			
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Cadmium	Chromium	Copper	Cyanide	Lead	Nickel	pH
406a	Parameter Number	01027	01034	01042	00720	01051	01067	
406b	Value	0.11	2.77	3.38	1.20	0.69	3.98	5-10

Terre Haute Industrial Pretreatment Permit #1086

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1. Major Contributing Facility (See instructions) Name	401a	GE Engine Services			
Number & Street	401b	3390 Locust Street			
City	401c	Terre Haute			
County	401d	Vigo County			
State	401e	Indiana			
Zip Code	401f	47804			
2. Primary Standard Industrial Classification Code (See instructions)	402	3724			
3. Principal Product or Raw Material (See instructions)			Quantity		Units (see Table III)
Product	403a	Remanufactured	403c		403e
		Jet Engine Parts			
Raw Material	403b		403d		403f
4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	3.0 Thousand gallons per day			
	404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6. Characteristics of Wastewater (See instructions)					

	Parameter Name	Silver	TTO	Zinc				
406a	Parameter Number	01077		01092				
406b	Value	0.43	2.13	2.61				

Terre Haute Industrial Pretreatment Permit #1086

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Hydrite Chemical Corporation				
	Number & Street	401b	1330 Lockport Road				
	City	401c	Terre Haute				
	County	401d	Vigo County				
	State	401e	Indiana				
	Zip Code	401f	47802				
2.	Primary Standard Industrial Classification Code (See instructions)	402	2819				
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)		
	Product	403a	Food Additives	403c		403e	
	Raw Material	403b		403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	44.7 Thousand gallons per day				
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)				
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
6.	Characteristics of Wastewater (See instructions)						

	Parameter Name	Ammonia	TBOD5	Chromium	pH	TSS		
406a	Parameter Number	00610	00310	01034		00530		
406b	Value	50	1000	1.3	10	1200		

Terre Haute Industrial Pretreatment Permit #----

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Kellogg Company			
	Number & Street	401b	9445 East US HWY 40			
	City	401c	Seelyville			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47803			
2.	Primary Standard Industrial Classification Code (See instructions)	402	NSIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	10.6 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TBOD5	Oil & Grease	pH	TSS			
406a	Parameter Number	00310	00550		00530			
406b	Value	1000	300	5-10	1200			

Terre Haute Industrial Pretreatment Permit #1125

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Novelis			
	Number & Street	401b	5901 North 13th Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47808			
2.	Primary Standard Industrial Classification Code (See instructions)	402	NSCIU			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	403c	403e		
	Raw Material	403b	403d	403f		
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	2.6 Thousand gallons per day			
		404b	Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS	pH	TBOD5	Oil & Grease			
406a	Parameter Number	00530		00310	00550			
406b	Value	1200	5-10	1000	100			

Terre Haute Industrial Pretreatment Permit #1118

Values Shown are Daily Maximum Limits

1 of 1

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Pfizer, Inc.			
	Number & Street	401b	411 E. Dallas Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	CA			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Pharmecuticals	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	66.5 Thousand gallons per day			
		404b	Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS	pH	TBOD5	Acetone	n-Amyl acetate	Ethyl acetate	Isopropyl acetate
406a	Parameter Number	00530		00310				
406b	Value	1200	5-10	1000	20.7	20.7	20.7	20.7

Terre Haute Industrial Pretreatment Permit #1124

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1. Major Contributing Facility (See instructions) Name	401a	Pfizer, Inc.			
Number & Street	401b	411 E. Dallas Drive			
City	401c	Terre Haute			
County	401d	Vigo County			
State	401e	Indiana			
Zip Code	401f	47802			
2. Primary Standard Industrial Classification Code (See instructions)	402	CA			
3. Principal Product or Raw Material (See instructions)		Quantity Units (see Table III)			
Product	403a	403c		403e	
Raw Material	403b	403d		403f	
4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	66.5 Thousand gallons per day			
	404b	___ Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	___ Yes <input checked="" type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

	Parameter Name	Methylene Chloride						
406a	Parameter Number							
406b	Value	3.0						

Terre Haute Industrial Pretreatment Permit #1124

Values Shown are Daily Maximum Limits

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1. Major Contributing Facility (See instructions) Name	401a	Pruett Manufacturing, Inc.			
Number & Street	401b	1001 Springhill Drive			
City	401c	Terre Haute			
County	401d	Vigo County			
State	401e	Indiana			
Zip Code	401f	47802			
2. Primary Standard Industrial Classification Code (See instructions)	402	3469			
3. Principal Product or Raw Material (See instructions)			Quantity		Units (see Table III)
Product	403a	Auto Transmission	403c		403e
		Parts			
Raw Material	403b		403d		403f
4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	0.43 Thousand gallons per day			
	404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

	Parameter Name	Cadmium	Chromium	Copper	Cyanide	Lead	Nickel	Oil & Grease
406a	Parameter Number	01027	01034	01042	00720	01051	01067	00550
406b	Value	0.11	2.77	3.38	1.2	0.69	3.98	100

Terre Haute Industrial Pretreatment Permit #1115

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Pruett Manufacturing, Inc.			
	Number & Street	401b	1001 Springhill Drive			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47802			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3469			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Auto Transmission	403c		403e
			Parts			
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	0.43 Thousand gallons per day			
		404b	<input checked="" type="checkbox"/> Intermittent (int) <input type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

6. Characteristics of Wastewater
(See instructions)

	Parameter Name	pH	Silver	TSS	TTO	Zinc	TBOD5	
406a	Parameter Number		01077	00530		01092	00310	
406b	Value	5-10	0.43	1200	2.13	2.61	3300	

Terre Haute Industrial Pretreatment Permit #1115

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Tangent Rail Products, Inc				
	Number & Street	401b	2525 Prairieton Avenue				
	City	401c	Terre Haute				
	County	401d	Vigo County				
	State	401e	Indiana				
	Zip Code	401f	47802				
2.	Primary Standard Industrial Classification Code (See instructions)	402	2491				
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)		
	Product	403a	Treating Railroad Ties	403c		403e	
			Black Tar Roofing Pitch				
	Raw Material	403b		403d		403f	
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	38.4	Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)				
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
6.	Characteristics of Wastewater (See instructions)						

	Parameter Name	Ammonia	Arsenic	TBOD5	Chromium	Copper	Oil & Grease	pH
406a	Parameter Number	00610	01002	00310	01034	01042	00550	
406b	Value	50	0.7	1000	4	5	100	5-10

Terre Haute Industrial Pretreatment Permit #1106

Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL**SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM**

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1. Major Contributing Facility (See instructions) Name	401a	Tangent Rail Products, Inc			
Number & Street	401b	2525 Prairieton Avenue			
City	401c	Terre Haute			
County	401d	Vigo County			
State	401e	Indiana			
Zip Code	401f	47802			
2. Primary Standard Industrial Classification Code (See instructions)	402	2419			
3. Principal Product or Raw Material (See instructions)			Quantity		Units (see Table III)
Product	403a	Treating Railroad Ties	403c		403e
		Black Tar Roofing Pitch			
Raw Material	403b		403d		403f
4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	38.4	Thousand gallons per day		
	404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6. Characteristics of Wastewater (See instructions)					

	Parameter Name	TSS						
406a	Parameter Number	00530						
406b	Value	1200						

Terre Haute Industrial Pretreatment Permit #1106

Values Shown are Daily Maximum Limits

2 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Unison Engine Components			
	Number & Street	401b	333 South 3rd Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47807			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3724			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Engine Parts	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	45.1 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Ammonia	TBOD5	Cadmium	Chromium	Copper	Cyanide	Lead
406a	Parameter Number	00610	00310	01027	01034	01042	00720	01051
406b	Value	50	1000	0.06	1.58	1.92	0.50	0.39

Terre Haute Industrial Pretreatment Permit #1102
Values Shown are Daily Maximum Limits

1 of 2

STANDARD FORM A - MUNICIPAL

SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (See instructions)

1.	Major Contributing Facility (See instructions) Name	401a	Unison Engine Components			
	Number & Street	401b	333 South 3rd Street			
	City	401c	Terre Haute			
	County	401d	Vigo County			
	State	401e	Indiana			
	Zip Code	401f	47807			
2.	Primary Standard Industrial Classification Code (See instructions)	402	3724			
3.	Principal Product or Raw Material (See instructions)		Quantity		Units (see Table III)	
	Product	403a	Engine Parts	403c		403e
	Raw Material	403b		403d		403f
4.	Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous	404a	45.1 Thousand gallons per day			
		404b	<input type="checkbox"/> Intermittent (int) <input checked="" type="checkbox"/> Continuous (con)			
5.	Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system.	405	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
6.	Characteristics of Wastewater (See instructions)					

	Parameter Name	Nickel	Oil & Grease	pH	Silver	TSS	TTO	Zinc
406a	Parameter Number	01067	00550		01077	00530		01092
406b	Value	2.26	100	5-10	0.24	1200	1.21	1.48

Terre Haute Industrial Pretreatment Permit #1102

Values Shown are Daily Maximum Limits