KAY IVEY GOVERNOR

1400 Coliseum Blvd. 36110-2400 Post Office Box 301463 Montgomery, Alabama 36130-1463 (334) 271-7700 FAX (334) 271-7950

JULY 30,2025

Jeaniece Slater, General Manager West Morgan East Lawrence Water and Sewer Authority P.O. Box 2254 Decatur, AL 35609

RE:

Draft Permit

NPDES Permit No. AL0077020 Robert M. Hames WTP Lawrence County, Alabama

Dear Mrs. Slater:

Transmitted herein is a draft of the referenced permit.

We would appreciate your comments on the permit within 30 days of the date of this letter. Please direct any comments of a technical or administrative nature to the undersigned.

By copy of this letter and the draft permit, we are also requesting comments within the same time frame from EPA.

Please be aware that Part I.C.1.c of your permit requires participation in the Department's Alabama Environmental Permitting and Compliance System (AEPACS) for submittal of DMRs upon issuance of this permit unless valid justification as to why you cannot participate is submitted in writing. AEPACS allows ADEM to electronically validate and acknowledge receipt of the data. This improves the accuracy of reported compliance data and reduces costs to both the regulated community and ADEM. Please note that all AEPACS users can create the electronic DMRs; however, only AEPACS users with certifier permissions will be able to submit the electronic DMRs to ADEM.

The Alabama Department of Environmental Management encourages you to voluntarily consider pollution prevention practices and alternatives at your facility. Pollution Prevention may assist you in complying with effluent limitations, and possibly reduce or eliminate monitoring requirements.

If you have questions regarding this permit or monitoring requirements, please contact Michael Simmons at michael.simmons@adem.alabama.gov or (334) 274-4220.

Sincerely,

Michael N. Simmons Municipal Section Water Division

Enclosure

cc:

Environmental Protection Agency Email Ms. Elaine Snyder/U.S. Fish and Wildlife Service Ms. Elizabeth Brown/Alabama Historical Commission

Advisory Council on Historic Preservation

Department of Conservation and Natural Resources







NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE:	WEST MORGAN EAST LAWRENCE WATER AND SEWER AUTHORITY P.O. BOX 2254 DECATUR, AL 35609
FACILITY LOCATION:	ROBERT M. HAMES WTP 6505 COUNTY ROAD 400 HILLSBORO, ALABAMA LAWRENCE COUNTY
PERMIT NUMBER:	AL0077020
RECEIVING WATERS:	TENNESSEE RIVER (WHEELER LAKE)
1388 (the "FWPCA"), the Alaba 14 (the "AWPCA"), the Alabam 22A-17, and rules and regulation	to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251 ama Water Pollution Control Act, as amended, Code of Alabama 1975 , §§ 22-22-1 to 22-22 na Environmental Management Act, as amended, Code of Alabama 1975 , §§22-22A-1 to 22 ons adopted thereunder, and subject further to the terms and conditions set forth in this permit to discharge into the above-named receiving waters.
ISSUANCE DATE:	
EFFECTIVE DATE:	
EXPIRATION DATE:	

Draft

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PART I. DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

1. DSN 0012: Wastewater from Water Treatment Plant Utilizing Reverse Osmosis.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 0012, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration		on	Units	Sample Freq See note (1)	Sample Type	Seasonal See note (2)
pH (00400) Effluent Gross Value	****	****	****	6.0 Minimum Daily	****	9.0 Maximum Daily	S.U.	Monthly	Grab	Not Seasonal
Solids, Total Suspended (00530) Effluent Gross Value (7)	****	****	****	****	30.0 Monthly Average	45.0 Maximum Daily	mg/l	Monthly	GRAB-4	Not Seasonal
Phosphorus, Total (As P) (00665) Effluent Gross Value (7)	7.69 Monthly Average	****	lbs/day	****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	GRAB-4	S
Phosphorus, Total (As P) (00665) Effluent Gross Value (3) (7)	****	****	****	****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	GRAB-4	W
Carbon, Tot Organic (TOC) (00680) Effluent Gross Value (7)	(Report) Monthly Average	****	lbs/day	****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	GRAB-4	Not Seasonal
Chloride (As CI) (00940) Effluent Gross Value (7)	****	****	****	****	230 Monthly Average	860 Maximum Daily	mg/l	Monthly	GRAB-4	Not Seasonal
Iron Total Recoverable (00980) Effluent Gross Value (4) (6)	****	****	****	****	6.0 Monthly Average	****	mg/l	Monthly	GRAB-4	Not Seasonal
Aluminum, Total Recoverable (01104) Effluent Gross Value (5) (6) (7)	****	****	****	****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	GRAB-4	Not Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	****	****	****	****	Daily	Calculated	Not Seasonal
Chlorine, Total Residual (50060) (8) Effluent Gross Value	****	****	****	****	****	1.0 Maximum Daily	mg/l	Monthly	Grab	Not Seasonal
Solids, Total Dissolved (70295) Effluent Gross Value (7)	(Report) Monthly Average	****	lbs/day	****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	GRAB-4	Not Seasonal

- (1) Sample Frequency See also Part I.B.2
- (2) S = Summer (April October)
 W = Winter (November March)
 ECS = E. coli Summer (May October)
 ECW = E. coli Winter (November April)
- (3) Monitoring for Total Phosphorus is applicable if phosphate-based corrosion inhibitors are utilized at the plant. If monitoring is not applicable during the monitoring period, enter *9 on the monthly DMR.
- (4) The limit for Total Recoverable Iron is applicable if iron-based coagulants are utilized at the plant, If monitoring is not applicable during the monitoring period, enter *9 on the monthly DMR.
- (5) Monitoring for Total Recoverable Aluminum is applicable if aluminum-based coagulants are utilized at the plant. If monitoring is not applicable during the monitoring period, enter *9 on the monthly DMR.
- (6) For the purpose of demonstration of compliance with this parameter, "Total" and "Total Recoverable" may be considered equivalent.
- (7) If only one sampling event occurs during a month, the sample result shall be reported on the monthly DMR as both the monthly average and the daily maximum.

2. DSN 001Q: PFAS Quarterly Testing

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity o	r Loading	Units	Units Quality or Concentration			Units	Sample Freq See note (1)	Sample Type	Seasonal See note (2)
Perfluorooctanoic Acid (51521) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorobutanoic Acid (51522) See Notes (3,4) Effluent Gross Value	*****	****	素杂素素	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorooctanesulfonamide (51525) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoropentanoic Acid (51623) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorohexanoic Acid (51624) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoroheptanoic Acid (51625) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorononanoic acid (51626) See Notes (3,4) Effluent Gross Value	****	****	****	****	*****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorodecanoic Acid (51627) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoroundecanoic Acid (51628) See Notes (3,4) Effluent Gross Value	****	****	*****	外卖去卖	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal

- Sample Frequency See also Part I.B.2
 See Permit Requirements for Effluent Toxicity Testing in Part IV.B.
- (2) S = Summer (April October)
 W = Winter (November March)
 ECS = E. coli Summer (May October)
 ECW = E. coli Winter (November April)
- (3) EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).
- (4) If only one sampling event occurs during a monitoring period, the sample result shall be reported on the DMRs as both the monthly and weekly average.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units Quality or Concentration					Sample Freq See note (1)	Sample Type	Seasonal See note (2)
Perfluorododecanoic acid (51629) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorotridecanoic Acid (51630) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorotetradecanoic Acid (51631) See Notes (3,4) Effluent Gross Value	水南加水水	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
N-ethyl perfluorooctanesulfonamidoethanol (51641) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
N-methyl perfluorooctanesulfonamidoethanol (51642) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
2-(N-ethyl-PFOSA) acetic acid (51643) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
2-(N-methyl-PFOSA) acetic acid (51644) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorobutanesulfonic acid (52602) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorodecanesulfonic acid (52603) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal

- Sample Frequency See also Part I.B.2
 See Permit Requirements for Effluent Toxicity Testing in Part IV.B.
- (2) S = Summer (April October)
 W = Winter (November March)
 ECS = E. coli Summer (May October)
 ECW = E. coli Winter (November April)
- (3) EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).
- (4) If only one sampling event occurs during a monitoring period, the sample result shall be reported on the DMRs as both the monthly and weekly average.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantit	y or Loading	Units	Q	uality or Concentrati	on	Units	Sample Freq See note (1)	Sample Type	Seasonal See note (2)
Perfluoroheptanesulfonic acid (52604) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorohexanesulfonic acid (52605) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorooctanesulfonic acid (52606) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (52607) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (52608) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (52609) See Notes (3,4) Effluent Gross Value	****	****	***	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoropentansulfonic acid (52610) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorononanesulfonic acid (52611) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Hexafluoropropylene oxide dimer acid (52612) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal

- Sample Frequency See also Part I.B.2
 See Permit Requirements for Effluent Toxicity Testing in Part IV.B.
- (2) S = Summer (April October)
 W = Winter (November March)
 ECS = E. coli Summer (May October)
 ECW = E. coli Winter (November April)
- (3) EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).
- (4) If only one sampling event occurs during a monitoring period, the sample result shall be reported on the DMRs as both the monthly and weekly average.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq See note (1)	Sample Type	Seasonal See note (2)
Nonafluoro-3,6-dioxaheptanoic acid (52626) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoro(2-ethoxyethane)sulfonic acid (52629) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluorododecanesulfonic acid (52632) See Notes (3,4) Effluent Gross Value	****	****	****	****	***	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
4,8-Dioxa-3H-perfluorononanoic acid (52636) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
N-methyl perfluorooctanesulfonamide (52641) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
N-ethyl perfluorooctanesulfonamide (52642) See Notes (3,4) Effluent Gross Value	****	****	****	****	***	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
3-Perfluoropropyl propanoic acid (PF001) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoro-3-methoxypropanoic acid (PF002) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (PF003) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasona

- (1) Sample Frequency See also Part I.B.2
 - See Permit Requirements for Effluent Toxicity Testing in Part IV.B.
- (2) S = Summer (April October)
 - W = Winter (November March)
 - ECS = E. coli Summer (May October)
 - ECW = E. coli Winter (November April)
- (3) EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).
- (4) If only one sampling event occurs during a monitoring period, the sample result shall be reported on the DMRs as both the monthly and weekly average.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from Outfall 001, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units Quality or Concentration			Units	Sample Freq See note (1)	Sample Type	Seasonal See note (2)	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (PF004) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
3-Perfluoroheptyl propanoic acid (PF005) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
Perfluoro-4-methoxybutanoic acid (PF006) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal
2H,2H,3H,3H-Perfluorooctanoic acid (PF007) See Notes (3,4) Effluent Gross Value	****	****	****	****	****	(Report) Single Sample	ng/l	Quarterly	Grab	Not Seasonal

See Part II.C.1. for Bypass and Part II.C.2. for Upset conditions.

(1) Sample Frequency – See also Part I.B.2

See Permit Requirements for Effluent Toxicity Testing in Part IV.B.

(2) S = Summer (April – October)
W = Winter (November - March)
ECS = E. coli Summer (May - October)
ECW = E. coli Winter (November - April)

- (3) EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).
- (4) If only one sampling event occurs during a monitoring period, the sample result shall be reported on the DMRs as both the monthly and weekly average

B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Sample collection and measurement actions shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit. The effluent sampling point shall be at the nearest accessible location just prior to discharge and after final treatment, unless otherwise specified in the permit.

2. Measurement Frequency

Measurement frequency requirements found in Provision I.A. shall mean:

- a. Seven days per week shall mean daily.
- b. Five days per week shall mean any five days of discharge during a calendar weekly period of Sunday through Saturday.
- c. Three days per week shall mean any three days of discharge during a calendar week.
- d. Two days per week shall mean any two days of discharge during a calendar week.
- e. One day per week shall mean any day of discharge during a calendar week.
- f. Two days per month shall mean any two days of discharge during the month that are no less than seven days apart. However, if discharges occur only during one seven-day period in a month, then two days per month shall mean any two days of discharge during that seven-day period.
- g. One day per month shall mean any day of discharge during the calendar month.
- h. Quarterly shall mean any day of discharge during a calendar quarter.
- i. The Permittee may increase the frequency of sampling, listed in Provisions I.B.2.a through I.B.2.h; however, all sampling results are to be reported to the Department.

3. Test Procedures

For the purpose of reporting and compliance, Permittees shall use one of the following procedures:

- a. For parameters with an EPA established Minimum Level (ML), report the measured value if the analytical result is at or above the ML and report "0" or "*B" for values below the ML. Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance; however, should EPA approve a method with a lower minimum level during the term of this permit the Permittee shall use the newly approved method.
- b. For pollutants parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the Permittee during permit issuance, re-issuance, modification, or during compliance schedule.

In either case the measured value should be reported if the analytical result is at or above the ML and "0" or "*B" reported for values below the ML.

c. For parameters without an EPA established ML, interim ML, or matrix-specific ML, a report of less than the detection limit shall constitute compliance if the detection limit of all analytical methods is higher than the permit limit. For the purpose of calculating a monthly average, "0" shall be used for values reported less than the detection limit.

The Minimum Level utilized for procedures a and b above shall be reported on the Permittee's DMR. When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

- a. The facility name and location, point source number, date, time and exact place of sampling;
- b. The name(s) of person(s) who obtained the samples or measurements;
- The dates and times the analyses were performed;
- d. The name(s) of the person(s) who performed the analyses;
- e. The analytical techniques or methods used, including source of method and method number; and
- f. The results of all required analyses.

5. Records Retention and Production

- a. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the Permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records should not be submitted unless requested.
- b. All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.

6. Reduction, Suspension or Termination of Monitoring and/or Reporting

- a. The Director may, with respect to any point source identified in Provision I.A. of this permit, authorize the Permittee to reduce, suspend or terminate the monitoring and/or reporting required by this permit upon the submission of a written request for such reduction, suspension or termination by the Permittee, supported by sufficient data which demonstrates to the satisfaction of the Director that the discharge from such point source will continuously meet the discharge limitations specified in Provision I.A. of this permit.
- b. It remains the responsibility of the Permittee to comply with the monitoring and reporting requirements of this permit until written authorization to reduce suspend or terminate such monitoring and/or reporting is received by the Permittee from the Director.

7. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. At a minimum, flow measurement devices shall be calibrated at least once every 12 months.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

- a. The Permittee shall conduct the required monitoring in accordance with the following schedule:
 - MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.
 - (2) QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The Permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter

- thereafter. Quarterly monitoring should be reported on the last DMR due for the quarter (i.e., March, June, September and December DMRs).
- (3) SEMIANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The Permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be reported on the last DMR due for the month of the semiannual period (i.e., June and December DMRs).
- (4) ANNUAL MONITORING shall be conducted at least once during the period of January through December. The Permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter. Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be reported on the December DMR.
- b. The Permittee shall submit discharge monitoring reports (DMRs) in accordance with the following schedule:
 - (1) REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING shall be submitted on a monthly basis. The first report is due on the 28th day of the month following the month the permit becomes effective. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period, unless otherwise directed by the Department.
 - (2) REPORTS OF QUARTERLY TESTING shall be submitted on a quarterly basis. The first report is due on the 28th day of the month following the first complete calendar quarter the permit becomes effective. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period, unless otherwise directed by the Department.
 - (3) REPORTS OF SEMIANNUAL TESTING shall be submitted on a semiannual basis. The reports are due on the 28th day of JANUARY and the 28th day of JULY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period, unless otherwise directed by the Department.
 - (4) REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. Unless specified elsewhere in the permit, the first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period, unless otherwise directed by the Department.
- c. Except as allowed by Provision I.C.1.c.(1) or (2), the permittee shall submit all Discharge Monitoring Reports (DMRs) required by Provision I.C.1.b. electronically.
 - (1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's electronic system (this could include entry/submittal issues with an entire set of DMRs or individual parameters), the permittee is not relieved of their obligation to submit DMR data to the Department by the date specified in Provision I.C.1.b., unless otherwise directed by the Department.
 - If the Department's electronic system is down on the 28th day of the month in which the DMR is due or is down for an extended period of time, as determined by the Department, when a DMR is required to be submitted, the permittee may submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include faxing, e-mailing, mailing, or hand-delivery of data such that they are received by the required reporting date. Within five calendar days of the Department's electronic system resuming operation, the permittee shall enter the data into the Department's electronic system, unless an alternate timeframe is approved by the Department. A comment should be included on the electronic DMR submittal verifying the original submittal date (date of the fax, copy of dated e-mail, or hand-delivery stamped date), if applicable.
 - (2) The permittee may submit a request to the Department for a temporary electronic reporting waiver for DMR submittals. The waiver request should include the permit number; permittee name; facility/site name; facility address; name, address, and contact information for the responsible official or duly authorized representative; a detailed statement regarding the basis for requesting such a waiver; and the duration for which the waiver is requested. Approved electronic reporting waivers are not transferrable.

A permittee with an approved electronic reporting waiver for DMRs may submit hard copy DMRs for the period that the approved electronic reporting waiver request is effective. The permittee shall submit the Department-approved DMR forms to the address listed in Provision I.C.1.e.

- (3) If a permittee is allowed to submit a hard copy DMR, the DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit.
- (4) If the permittee, using approved analytical methods as specified in Provision I.B.2, monitors any discharge from a point source for a limited substance identified in Provision I.A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR and the increased frequency shall be indicated on the DMR.
- (5) In the event no discharge from a point source identified in Provision I.A. of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR.
- d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules and Regulations, shall be electronically signed (or, if allowed by the Department, traditionally signed) by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear 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 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."
- e. Discharge Monitoring Reports required by this permit, the AWPCA, and the Department's Rules that are being submitted in hard copy shall be addressed to:

Alabama Department of Environmental Management
Office of Water Services, Water Division
Post Office Box 301463
Montgomery, Alabama 36130-1463

Certified and Registered Mail containing Discharge Monitoring Reports shall be addressed to:

Alabama Department of Environmental Management Office of Water Services, Water Division 1400 Coliseum Boulevard Montgomery, Alabama 36110-2400

f. All other correspondence and reports required to be submitted by this permit, the AWPCA, and the Department's Rules shall be addressed to:

Alabama Department of Environmental Management Municipal Section, Water Division Post Office Box 301463 Montgomery, Alabama 36130-1463

Certified and Registered Mail containing Discharge Monitoring Reports shall be addressed to:

Alabama Department of Environmental Management Municipal Section, Water Division 1400 Coliseum Boulevard

g. If this permit is a re-issuance, then the Permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.C.1.b. above.

2. Noncompliance Notifications and Reports

a. The Permittee shall notify the Department if, for any reason, the Permittee's discharge:

- (1) Does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I.A. of this permit which is denoted by an "(X)";
- (2) Potentially threatens human health or welfare;
- (3) Threatens fish or aquatic life;
- (4) Causes an in-stream water quality criterion to be exceeded;
- (5) Does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a);
- (6) Contains a quantity of a hazardous substance that may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4);
- (7) Exceeds any discharge limitation for an effluent parameter listed in Part I.A. as a result of an unanticipated bypass or upset; or
- (8) Is an unpermitted direct or indirect discharge of a pollutant to a water of the state. (Note that unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision.)

The Permittee shall orally or electronically provide notification of any of the above occurrences, describing the circumstances and potential effects, to the Director or Designee within 24-hours after the Permittee becomes aware of the occurrence of such discharge. In addition to the oral or electronic notification, the Permittee shall submit a report to the Director or Designee, as provided in Provision I.C.2.c. or I.C.2.e., no later than five days after becoming aware of the occurrence of such discharge or occurrence.

- b. If, for any reason, the Permittee's discharge does not comply with any limitation of this permit, then the Permittee shall submit a written report to the Director or Designee, as provided in Provision I.C.2.c below. This report must be submitted with the next Discharge Monitoring Report required to be submitted by Provision I.C.1 of this permit after becoming aware of the occurrence of such noncompliance.
- c. Except for notifications and reports of notifiable SSOs which shall be submitted in accordance with the applicable Provisions of this permit, the Permittee shall submit the reports required under Provisions I.C.2.a. and b. to the Director or Designee on ADEM Form 421, available on the Department's website (http://www.adem.state.al.us/DeptForms/Form421.pdf). The completed Form must document the following information:
 - (1) A description of the discharge and cause of noncompliance;
 - (2) The period of noncompliance, including exact dates, times, and duration of the noncompliance. If the noncompliance is not corrected by the due date of the written report, then the Permittee shall provide an estimated date by which the noncompliance will be corrected; and
 - (3) A description of the steps taken by the Permittee and the steps planned to be taken by the Permittee to reduce or eliminate the noncompliant discharge and to prevent its recurrence.

d. Immediate notification

The Permittee shall provide notification to the Director, the public, the county health department, and any other affected entity such as public water systems, as soon as possible upon becoming aware of any notifiable sanitary sewer overflow. Notification to the Director shall be completed utilizing the Department's web-based electronic environmental SSO reporting system in accordance with Provision I.C.2.e.

e. The Permittee shall report illicit or anomalous discharge events on Form 421, available on the Department's website (http://www.adem.state.al.us/DeptForms/Form421.pdf), in accordance with Part I.C.2.a. This form is available on the ADEM web page or upon request from the Permittee.

D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Anticipated Noncompliance

The Permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

2. Termination of Discharge

The Permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of the permit.

3. Updating Information

- a. The Permittee shall inform the Director of any change in the Permittee's mailing address or telephone number or in the Permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the Permittee shall furnish the Director with an update of any information provided in the permit application.
- b. If the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

4. Duty to Provide Information

The Permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit, in whole or in part, or to determine compliance with this permit.

E. SCHEDULE OF COMPLIANCE

1. Compliance with discharge limits

The Permittee shall achieve compliance with the discharge limitations specified in Provision I. A in accordance with the following schedule:

COMPLIANCE SHALL BE ATTAINED ON THE EFFECTIVE DATE OF THIS PERMIT

2. Schedule

No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II. OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES

A. OPERATIONAL AND MANAGEMENT REQUIREMENTS

1. Facilities Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

2. Best Management Practices

- a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.
- b. The Permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 C.F.R. Section 112 if required thereby.
- c. The Permittee shall prepare, submit for approval and implement a Best Management Practices (BMP) Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.

3. Certified Operator

The Permittee shall not operate any wastewater treatment plant unless the competency of the operator to operate such plant has been duly certified by the Director pursuant to AWPCA, and meets the requirements specified in ADEM Administrative Code, Rule 335-10-1.

B. OTHER RESPONSIBILITIES

1. Duty to Mitigate Adverse Impacts

The Permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation specified in Provision I.A. of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving water body as necessary to determine the nature and impact of the non-complying discharge.

2. Right of Entry and Inspection

- a. The Permittee shall allow the Director, or an authorized representative, upon the presentation of proper credentials and other documents as may be required by law to:
 - (1) Enter upon the Permittee's premises where a regulated facility or activity or point source is located or conducted, or where records must be kept under the conditions of the permit;
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permits.
 - (3) Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and
 - (4) Sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

C. BYPASS AND UPSET

1. Bypass

- a. Any bypass is prohibited except as provided in b. and c. below:
- b. A bypass is not prohibited if:

- (1) It does not cause any discharge limitation specified in Provision I.A. of this permit to be exceeded;
- (2) It enters the same receiving stream as the permitted outfall and;
- (3) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.
- c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I.A. of this permit if:
 - (1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (2) There are 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 which occurred during normal periods of equipment downtime or preventive maintenance); and
 - (3) The Permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the Permittee is granted such authorization, and the Permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.
- d. The Permittee has the burden of establishing that each of the conditions of Provision II.C.1. b or c have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I.A. of this permit.

2. Upset

- a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:
 - (1) No later than 24-hours after becoming aware of the occurrence of the upset, the Permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and
 - (2) No later than five (5) days after becoming aware of the occurrence of the upset, the Permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that:
 - (i) An upset occurred;
 - (ii) The Permittee can identify the specific cause(s) of the upset;
 - (iii) (iii) The Permittee's facility was being properly operated at the time of the upset; and
 - (iv) (iv) The Permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.
- b. The Permittee has the burden of establishing that each of the conditions of Provision II C. 2. a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I. A. of this permit.

D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

- a. The Permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and re-issuance, suspension, modification, or denial of a permit renewal application.
- b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a Permittee in an enforcement action.
- The discharge of a pollutant from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.

- d. The Permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.
- e. Nothing in this permit shall be construed to preclude or negate the Permittee's responsibility to apply for, obtain, or comply with other Federal, State, or Local Government permits, certifications, or licenses or to preclude from obtaining other federal, state, or local approvals, including those applicable to other ADEM programs and regulations.

2. Removed Substances

Solids, sludge, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facilities, including but not limited to the loss or failure of the primary source of power of the treatment facility, the Permittee shall, where necessary to maintain compliance with the discharge limitations specified in Provision I.A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored. If control of discharge during loss or failure of the primary source of power is to be accomplished by means of alternate power sources, standby generators, or retention of inadequately treated effluent, the Permittee must furnish to the Director within six months a certification that such control mechanisms have been installed.

4. Compliance with Statutes and Rules

- a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Boulevard Montgomery, Alabama 36110-2059.
- b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE

1. Duty to Reapply or Notify of Intent to Cease Discharge

- a. If the Permittee intends to continue to discharge beyond the expiration date of this permit, the Permittee shall file a complete permit application for re-issuance of this permit at least 180 days prior to its expiration. If the Permittee does not intend to continue discharge beyond the expiration of this permit, the Permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-6-09.
- b. Failure of the Permittee to apply for re-issuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-6-.06 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.

2. Change in Discharge

Prior to any facility expansion, process modification or any significant change in the method of operation of the Permittee's treatment works, the Permittee shall provide the Director with information concerning the planned expansion, modification or change. The Permittee shall apply for a permit modification at least 180 days prior to any facility expansion, process modification, any significant change in the method of operation of the Permittee's treatment works or other actions that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant or could result in an additional discharge point. This condition applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.

3. Transfer of Permit

This permit may not be transferred or the name of the Permittee changed without notice to the Director and subsequent modification or revocation and re-issuance of the permit to identify the new Permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of

the Permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the Permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Permit Modification and Revocation

- a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:
 - (1) If cause for termination under Provision II.E.5. of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit;
 - (2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or
 - (3) If modification or revocation and re-issuance is requested by the Permittee and cause exists, the Director may grant the request.
- b. This permit may be modified during its term for cause, including but not limited to, the following:
 - (1) If cause for termination under Provision II.E.5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit;
 - (2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;
 - (3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;
 - (4) A new or revised requirement(s) of any applicable standard or limitation is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA;
 - (5) Errors in calculation of discharge limitations or typographical or clerical errors were made;
 - (6) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, when the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;
 - (7) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, permits may be modified to change compliance schedules;
 - (8) To agree with a granted variance under 30l(c), 30l(g), 30l(h), 30l(k), or 3l6(a) of the FWPCA or for fundamentally different factors;
 - (9) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;
 - (10) When required by the re-opener conditions in this permit;
 - (11) When required under 40 CFR 403.8(e) (compliance schedule for development of pretreatment program);
 - (12) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge permitted by this permit;
 - (13) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions; or
 - (14) When requested by the Permittee and the Director determines that the modification has cause and will not result in a violation of federal or state law, regulations or rules; or

5. Termination

This permit may be terminated during its term for cause, including but not limited to, the following:

a. Violation of any term or condition of this permit;

- b. The Permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the Permittee's misrepresentation of any relevant facts at any time;
- c. Materially false or inaccurate statements or information in the permit application or the permit;
- d. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;
- e. The Permittee's discharge threatens human life or welfare or the maintenance of water quality standards;
- f. Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;
- g. New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the Permittee.
- h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-6.

6. Suspension

This permit may be suspended during its term for noncompliance until the Permittee has taken action(s) necessary to achieve compliance.

7. Stay

The filing of a request by the Permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

F. COMPLIANCE WITH TOXIC POLLUTANT STANDARD OR PROHIBITION

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 FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the Permittee and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I.A. of this permit, or controls a pollutant not limited in Provision I.A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition and the Permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the Permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

G. NOTICE TO DIRECTOR OF INDUSTRIAL USERS

- 1. The Permittee shall not allow the introduction of wastewater, other than domestic wastewater, from a new indirect discharger prior to approval and permitting, if applicable, of the discharge by the Department.
- 2. The Permittee shall not allow an existing indirect discharger to increase the quantity or change the character of its wastewater, other than domestic wastewater, prior to approval and permitting, if applicable, of the increased discharge by the Department.
- 3. The Permittee shall report to the Department any adverse impact caused or believed to be caused by an indirect discharger on the treatment process, quality of discharged water or quality of sludge. Such report shall be submitted within seven days of the Permittee becoming aware of the adverse impacts.

H. PROHIBITIONS

The Permittee shall not allow, and shall take effective enforcement action to prevent and terminate, the introduction of any of the following into its treatment works by industrial users:

- 1. Pollutants which may create a fire or explosive hazard, including, but not limited to, waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21;
- 2. Pollutants which may cause corrosive structural damage to the treatment works, but in no case discharges with a pH lower than 5.0;

- 3. Solid or viscous pollutants in amounts which may cause obstruction to the flow in sewers, or other interference in the treatment works;
- 4. Any pollutant, including oxygen demanding pollutants (BOD, etc.) of such volume or strength as to cause interference in the treatment works;
- 5. Heat in amounts which may inhibit biological activity in the treatment plant resulting in interference but in no case in such quantities that the temperature of the influent, at the treatment plant, exceeds 40 degrees centigrade or 104 degrees Fahrenheit;
- 6. Pollutants which may result in the presence of toxic gases, vapors, or fumes within the treatment works in a quantity that may cause acute worker health and safety problems;
- 7. Unless specifically authorized by this permit, any pollutants not generated at the facility for which this permit was issued; or
- 8. Petroleum oil, biodegradable cutting oil, or products of mineral oil origin in amounts that will cause pass through or interference.

PART III. ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person, who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

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 subject to penalties as provided by the AWPCA.

3. Permit Enforcement

- a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of the permit are enforceable under state and federal law.
- b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes.
 - (1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;
 - (2) An action for damages;
 - (3) An action for injunctive relief; or
 - (4) An action for penalties.
- c. If the Permittee is not in compliance with the conditions of an expiring or expired permit the Director may choose to do any or all of the following provided the Permittee has made a timely and complete application for re-issuance of the permit:
 - (1) Initiate enforcement action based upon the permit which has been continued;
 - (2) Issue a notice of intent to deny the permit re-issuance. If the permit is denied, the owner or operator would then be required to cease the activities authorized by the continued permit or be subject to enforcement action for operating without a permit;
 - (3) Reissue the new permit with appropriate conditions; or
 - (4) Take other actions authorized by these rules and AWPCA.

4. Relief from Liability

Except as provided in Provision II.C.1. (Bypass) and Provision II.C.2. (Upset), nothing in this permit shall be construed to relieve the Permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

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 to which the Permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state, or local

laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES

- 1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.
- 2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.
- 3. Construction has begun when the owner or operator has:
 - a. Begun, or caused to begin as part of a continuous on-site construction program:
 - (1) Any placement, assembly, or installation of facilities or equipment; or
 - (2) Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which are necessary for the placement, assembly, or installation of new source facilities or equipment; or
 - b. Entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.
- 4. Final plans and specifications for a waste treatment facility at a new source or new discharger, or a modification to an existing waste treatment facility must be submitted to and examined by the Department prior to initiating construction of such treatment facility by the Permittee.
- 5. Upon completion of construction of waste treatment facilities and prior to operation of such facilities, the Permittee shall submit to the Department a certification from a registered professional engineer, licensed to practice in the State of Alabama, that the treatment facilities have been built according to plans and specifications submitted to and examined by the Department.

F. COMPLIANCE WITH WATER QUALITY STANDARDS

- 1. On the basis of the Permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this permit should assure compliance with the applicable water quality standards.
- 2. Compliance with permit terms and conditions notwithstanding, if the Permittee's discharge(s) from point sources identified in Provision I.A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require abatement action to be taken by the Permittee in emergency situations or modify the permit pursuant to the Department's Rules, or both.
- 3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification and, in cases of emergency, the Director may prohibit the discharge until the permit has been modified.

G. GROUNDWATER

Unless specifically authorized under this permit, this permit does not authorize the discharge of pollutants to groundwater. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess

the degree of the problem, and the Director may require that the Permittee undertake measures to abate any such discharge and/or contamination.

H. DEFINITIONS

- 1. Average monthly discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).
- 2. Average weekly discharge limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).
- 3. **Arithmetic Mean** means the summation of the individual values of any set of values divided by the number of individual values.
- 4. **AWPCA** means the Alabama Water Pollution Control Act.
- 5. **BOD** means the five-day measure of the pollutant parameter biochemical oxygen demand.
- 6. Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
- 7. **CBOD** means the five-day measure of the pollutant parameter carbonaceous biochemical oxygen demand.
- 8. **Daily discharge** means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.
- 9. Daily maximum means the highest value of any individual sample result obtained during a day.
- 10. Daily minimum means the lowest value of any individual sample result obtained during a day.
- 11. Day means any consecutive 24-hour period.
- 12. **Department** means the Alabama Department of Environmental Management.
- 13. **Director** means the Director of the Department.
- 14. **Discharge** means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other waste into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(9).
- 15. **Discharge Monitoring Report (DMR)** means the form approved by the Director to accomplish reporting requirements of an NPDES permit.
- 16. **DO** means dissolved oxygen.
- 17. **8HC** means 8-hour composite sample, including any of the following:
 - a. The mixing of at least 8 equal volume samples collected at constant time intervals of not more than 1 hour over a period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
 - b. A sample continuously collected at a constant rate over period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
- 18. EPA means the United States Environmental Protection Agency.
- 19. **FC** means the pollutant parameter fecal coliform.
- 20. Flow means the total volume of discharge in a 24-hour period.
- 21. **FWPCA** means the Federal Water Pollution Control Act.
- 22. **Geometric Mean** means the Nth root of the product of the individual values of any set of values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the

- logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered one (1).
- 23. **Grab Sample** means a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the discharge.
- 24. **Indirect Discharger** means a nondomestic discharger who discharges pollutants to a publicly owned treatment works or a privately owned treatment facility operated by another person.
- 25. **Industrial User** means those industries identified in the Standard Industrial Classification manual, Bureau of the Budget 1967, as amended and supplemented, under the category "Division D Manufacturing" and such other classes of significant waste producers as, by regulation, the Director deems appropriate.
- 26. MGD means million gallons per day.
- 27. **Monthly Average** means the arithmetic mean of all the composite or grab samples taken for the daily discharges collected in one month period. The monthly average for flow is the arithmetic mean of all flow measurements taken in a one-month period.
- 28. New Discharger means a person, owning or operating any building, structure, facility or installation:
 - a. From which there is or may be a discharge of pollutants;
 - b. From which the discharge of pollutants did not commence prior to August 13, 1979, and which is not a new source; and
 - c. Which has never received a final effective NPDES permit for dischargers at that site.
- 29. NH3-N means the pollutant parameter ammonia, measured as nitrogen.
- 30. **Notifiable sanitary sewer overflow** means an overflow, spill, release or diversion of wastewater from a sanitary sewer system that:
 - d. Reaches a surface water of the State; or
 - e. May imminently and substantially endanger human health based on potential for public exposure including but not limited to close proximity to public or private water supply wells or in areas where human contact would be likely to occur.
- 31. **Permit application** means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.
- 32. **Point source** means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).
- 33. **Pollutant** includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.
- 34. **Privately Owned Treatment Works** means any devices or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works, and which is not a "POTW".
- 35. **Publicly Owned Treatment Works** means a wastewater collection and treatment facility owned by the State, municipality, regional entity composed of two or more municipalities, or another entity created by the State or local authority for the purpose of collecting and treating municipal wastewater.
- 36. **Receiving Stream** means the "waters" receiving a "discharge" from a "point source".
- 37. Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes 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.
- 38. **Significant Source** means a source which discharges 0.025 MGD or more to a POTW or greater than five percent of the treatment work's capacity, or a source which is a primary industry as defined by the U.S. EPA or which discharges a priority or toxic pollutant.

- 39. **TKN** means the pollutant parameter Total Kjeldahl Nitrogen.
- 40. **TON** means the pollutant parameter Total Organic Nitrogen.
- 41. TRC means Total Residual Chlorine.
- 42. TSS means the pollutant parameter Total Suspended Solids.
- 43. **24HC** means 24-hour composite sample, including any of the following:
 - a. The mixing of at least 8 equal volume samples collected at constant time intervals of not more than 2 hours over a period of 24 hours;
 - b. A sample collected over a consecutive 24-hour period using an automatic sampler composite to one sample. As a minimum, samples shall be collected hourly, and each shall be no more than one twenty-fourth (1/24) of the total sample volume collected; or
 - c. A sample collected over a consecutive 24-hour period using an automatic composite sampler composited proportional to flow.
- 44. **Upset** means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge 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.
- 45. Waters means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground, or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership, or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.
- 46. **Week** means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.
- 47. **Weekly (7-day and calendar week) Average** is the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week is defined as beginning on Sunday and ending on Saturday. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for the calendar week shall be included in the data for the month that contains the Saturday.

I. SEVERABILITY

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 circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PART IV. ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS

A. WATER TREATMENT PLANT OTHER REQUIREMENTS

1. Prohibitions

- a. Wastewater from water treatment plants shall not be discharged directly to the receiving stream, but shall be discharged to a wastewater settling basin or other method of treatment with appropriate solids separation and handling facilities.
- b. Water treatment flocculators, settlers, sedimentation basins and other water treatment tanks shall not be drained directly to the receiving stream, but shall be drained to a wastewater settling basin or other method of treatment. The Permittee shall also provide appropriate solids separation and handling facilities.

2. Sampling and Analyses

- a. Wastewater samples pursuant to Part I.A. shall be collected at the outlet of the wastewater settling basin following either filter backwash or flocculator/sedimentation basin draining and/or cleaning.
- b. Wastewater composite samples shall consist of a mixture of four (4) equal volume grab samples collected at equal time intervals during discharge from the wastewater settling basin containing filter backwash wastewater or during drainage from the flocculator/sedimentation basin, with the maximum length of time between first and last samples not to exceed six (6) hours.
- Sufficient volume of wastewater samples shall be collected for all required sample preservation and analyses.
- d. Total Residual Chlorine requirements
 - (1) Wastewater samples for TRC analyses shall be a grab sample collected during the last of four time intervals as required by Part IV.A.2.b.
 - (2) TRC shall be determined within 15 minutes after collection of the sample.
- e. Grab samples for pH shall be collected as stated in Part IV. A.2.d.(1).
- f. Flow shall be reported as the amount backwashed, drained, or used for cleaning, as recorded by daily plant logs.

3. Chlorine Test Methods

Testing for TRC shall be conducted according to either the amperometric titration method or the DPD colorimetric method as specified in Section 408(C) or (E), Standard Methods for the Examination of Water and Wastewater, 16th Edition. If chlorine is not detected using one of these methods, the Permittee shall report on the DMR form the analytical results for TRC as being measured at less than the detection level for the test method selected. The Permittee shall then be considered to be in compliance with the daily maximum concentration limit for TRC.

4. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or waste removed in the course of treatment or control of wastewaters shall be disposed in a manner that complies with State and Federal regulations as outlined in applicable guidance entitled Management of Water Treatment Plant Residuals, EPA/625/R-95/008 (most current edition).

5. Exceptions

For water treatment plants that have not yet installed wastewater settling basins or other treatment plant facilities, sampling procedures should be as follows until the wastewater settling basins or other treatment facilities are installed.

- a. Water treatment filter backwash samples shall be collected once per month from the filter backwash trough or pressure filter backwash drain.
 - (1) Wastewater composite samples shall consist of a mixture of equal volume grab samples collected once per minute for ten (10) minutes after the backwash pumps have been started, or, if backwash duration is less than ten (10) minutes, once per minute until the end of the backwash period.
 - (2) Grab samples for TRC analysis shall be collected during the tenth (10th) minute of the filter backwash, or, if backwash duration is less than ten (10) minutes, during the last minute of backwash, and determined within 15 minutes after collection.

b. The water treatment flocculator, sedimentation basin, and other tank drains shall be sampled once per discharge event resulting from cleanout/washout operations and after the initial draining of flocculator, basins, or other tanks.

B. PER-AND POLYFLUOROALKYL SUBSTANCES (PFAS)

1. Reopener Clause

This Permit may be revoked and reissued or modified if new information becomes available. This information may include but is not limited to: new laws, regulations, policies or additional technology requirements.

NPDES PERMIT RATIONALE

NPDES Permit No:

AL0077020

Date: July 24, 2025

Permit Applicant:

West Morgan East Lawrence Water and Sewer Authority

P.O. Box 2254 Decatur, AL 35609

Location:

Robert M. Hames WTP

6505 County Road 400 Hillsboro, AL 35643

Draft Permit is:

Initial Issuance:

Reissuance due to expiration:

 \mathbf{X}

Modification of existing permit: Revocation and Reissuance:

Basis for Limitations:

Water Quality Model:

N/A

Reissuance with no modification:

pH, TSS, TRC, TRI, Chlorides, TP

Instream calculation at 7Q10: Toxicity based:

1% TRC

Secondary Treatment Levels:

N/A

Other (described below):

pH, TSS, TRI, Chlorides, TP

Design Flow in Million Gallons per Day:

MGD

Major:

No

Description of Discharge:

Feature ID	Description	Receiving Water	Waterbody Use Classification	303(d)	TMDL
0012	Wastewater from Water	Tennessee River	Public Water Supply,	Yes	No
	Treatment Plant Utilizing	(Wheeler Lake)	Swimming, Fish and		
	Reverse Osmosis		Wildlife		

Discussion:

The West Morgan East Lawrence Water and Sewer Authority operates a Reverse Osmosis Drinking Water Plant with Granulated Activated Carbon (GAC) as indicated in the application, at the Robert M. Hames WTP. Effluent from this operation discharges through outfall DSN0012 to a segment of the Tennessee River (Wheeler Lake), which is classified as a Tier 1 stream and is listed on the most recent 303(d) list for nutrients. To ensure no increase in nutrient loading, Total Phosphorus (TP) limits were established in the existing permit based on Discharge Monitoring Report (DMR) data. Based on this data, the monthly average TP limit for the summer season (April - October) in the existing permit is 7.69 lbs/day. A review of DMR data for the period from July, 2021 to November, 2024, has confirmed that this limit is achievable and based on BPJ is proposed to be continued in this issuance. During the winter season (November – March), monitoring for Total Phosphorus is applicable if phosphate-based corrosion inhibitors are utilized at the plant. There are no TMDLs affecting this discharge

The permit requires monitoring for multiple PFAS due to potential PFAS in the intake water. Currently there are no established PFOA or PFOS regulatory limitations for wastewater discharges. The Department is requiring analytical method 1633 for each of the 40 PFAS parameters detectable under this method. If EPA establishes PFAS levels for wastewater, the permit will be reviewed to determine if modifications are necessary.

The existing pH daily minimum and daily maximum limits of 6.0 and 9.0 S.U, respectively, were developed to be supportive of the water-use classification of the receiving stream considering available dilution. These limits are proposed to be continued in this permit.

The Total Residual Chlorine (TRC) limit of 1.0 mg/l (daily maximum) is based on the more stringent of EPA's recommended water quality Criteria which considers the available dilution in the receiving stream and the maximum limitation based on BPJ.

The concentrated brine effluent from the reverse osmosis treatment system is expected to contain chlorides. The existing permit contains limits of 230 mg/L (monthly average) and 860 mg/L (daily maximum) based on EPA's National Recommended Water Quality Criteria. A review of DMR data has confirmed these limits are achievable and are proposed to be continued in this issuance.

Monthly monitoring requirements will be continued for Total Organic Carbon (TOC) and Total Dissolved Solids (TDS) since they are possible pollutants of concern.

The existing limit for Total Suspended Solids (TSS) of 30.0 mg/L (monthly average) was based on Best Professional Judgement (BPJ) and levels found to be achievable in Water Treatment Plant wastewater effluent. The daily maximum limit of 45 mg/L is based on a peaking factor of 1.5 which is consistent with ADEM permitting protocol. These limits will be continued in this permit issuance.

EPA has developed a suggested numeric value for aluminum based on pH and hardness. Alabama has not adopted aluminum water quality criteria. The Department has not observed a toxicity concern with aluminum in state waters and therefore, does not believe aluminum is a significant water quality concern at this time. In addition, the permit requires that wastewater from water treatment plants not be directly discharged to the receiving stream, but shall be discharged to a wastewater settling basin or other method of treatment. Using this best management practice should reduce aluminum discharges as aluminum adheres to sediment that should be removed in the settling basins or other treatment. A review of other Region 4 state water treatment plant NPDES permits also indicates that aluminum limitations are not included in the majority of the permits. Should the Department adopt a numeric aluminum water quality criteria in the future or become aware of a water quality issue, this determination will be re-evaluated. This permit will impose monthly average and daily maximum monitoring for Total Recoverable Aluminum if aluminum based coagulants are utilized at the facility.

The Total Recoverable Iron limit is based on EPA's recommended water quality criterion of 6.0 mg/L. A review of DMR data has confirmed that this limit is achievable and is proposed for reissuance. Monitoring is only applicable during periods when iron-based coagulants are utilized at the facility.

The frequency of monitoring for most parameters is monthly. Flow is to be calculated daily.

No toxicity testing is required because the facility is a water treatment plant and toxicity issues are not expected from this discharge.

The discharge is also downstream of a segment of the Tennessee River (Wheeler Lake) that is listed on the most recent 303(d) list for Per- and Polyfluoroakyl Substances (PFAS). This issuance will continue to require quarterly monitoring for PFAS parameters. Should numeric regulatory limits be established by EPA during the term of this permit, the permit will be modified as necessary to ensure compliance with such requirements.

ADEM Administrative Rule 335-6-10-.12 requires applicants for new or expanded discharges to Tier II waters demonstrate that the proposed discharge is necessary for important economic or social development in the area in which the waters are located. The application submitted by the facility is not new or expanded discharge to a Tier II stream, so the applicant is not required to demonstrate that the discharge is necessary for economic or social development.

Prepared by: Michael N. Simmons

FACILITY NAME

PERMIT NO.

TOTAL RESIDUAL CHLORINE (TRC)

$$7Q_{10} = 7408.06 \text{ cfs}$$

$$1Q_{10} = 4729.82 \text{ cfs}$$

$$1Q_s = 1Q_{10} = 0.75*7Q_{10}$$

$$(7Q_s+Q_w)*0.011$$

Ferruit limit will be the most stringent of acute, chronic, or technology based values

TOTAL RECOVERABLE IRON (FE)

Permit limit will be the most stringent of water quality based or technology based values.

Total Phosphorus				
DSN011				
Monitoring Period	Monthly Average Flow (MGD)	TP(mg/I)	Calculated Load (lbs/day)	
July, 2021	0.2603	0.0200	0.04	
August, 2021	0.2989	0.0700	0.17	
Sept, 2021	0.2589	0.0800	0.17	
Oct, 2021	0.247	0.6000	1.24	
Nov, 2021	0.24	0.0000	0.00	
Dec, 2021	0.192	0.0000	0.00	
lan, 2022	0.262	0.0000	0.00	
Feb, 2022	0.262	0.0000	0.00	
Mar, 2022	0.253	0.0800	0.17	
Apr, 2022	0.258	0.0000	0.00	
May, 2022	0.295	0.0000	0.00	
June, 2022	0.375	0.0700	0.22	
July, 2022	0.298	0.0000	0.00	
Aug, 2022	0.292	0.0000	0.00	
Sept, 2022	0.284	0.1000	0.24	
	0.284	0.0000	0.00	
Oct, 2022 Nov, 2022	0.286	0.4500	0.00	
Dec, 2022	0.277	0.1800	0.42	
Jan, 2023	0.245	0.0000	0.00	-
Feb, 2023	0.225	0.0000	0.00	
Mar, 2023	0.233	0.0000	0.00	
Apr, 2023	0.237	0.0000	0.00	
May, 2023	0.257	0.1000	0.21	
June, 2023	0.298	0.1600	0.40	
July, 2023	0.294	0.0600	0.15	
Aug, 2023	0.305	0.0000	0.00	
Sept, 2023	0.302	0.0000	0.00	
Oct, 2023	0.3	0.0000	0.00	
Nov, 2023	0.288	0.0000	0.00	
Dec, 2023	0.252	0.0000	0.00	
Jan, 2024	0.289	0.0000	0.00	
Feb, 2024	0.268	0.0300	0.07	
Mar, 2024	0.261	0.0324	0.07	
Apr, 2024	0.266	0.0489	0.11	
May, 2024	0.274	0.0713	0.16	
June, 2024	0.304	0.0733	0.19	
July, 2024	0.31	0.0537	0.14	
Aug, 2024	0.321	0.0452	0.12	
Sept, 2024	0.31	0.0407	0.11	
Oct, 2024	0.305	0.0562	0.14	
Nov. 2024	0.293	0.0000	0.00	
		Average	0.13	
		90 Percentile	0.365	

Total Phosphorus	Robert M Hames WTP			
DSN012				
Monitoring Period	Monthly Average Flow (MGD)	TP(mg/l)	Calculated Load (lbs/day)	
luly, 2021	0.2603	0.030	0.06	
August, 2021	0.2989	0.090	0.23	
Sept, 2021	0.2589	0.350	0.72	
Oct, 2021	0.705	1.000	5.88	
Nov, 2021	0.681	0.000	0.00	
Dec, 2021	0.713	1.760	10.46	
lan, 2022	0.7486	0.000	0.00	
Feb, 2022	0.782	0.310	2.02	
Mar, 2022	0.779	0.300	1.95	
Apr, 2022	0.0791	0.390	0.26	
May, 2022	0.961	0.360	2.88	
June, 2022	0.995	0.540	4.48	
July, 2022	0.936	0.630	4.91	
Aug, 2022	0.91	0.660	5.00	
Sept, 2022	0.885	0.430		
Oct, 2022	0.903	0.450		
Nov, 2022	0.803	0.280		
Dec, 2022	0.852	0.420		
Jan, 2023	0.648	0.400		
Feb, 2023	0.567	0.380		
Mar, 2023	0.597	0.290		
Apr, 2023	0.624			
May, 2023	0.691	0.210		
June, 2023	0.828	0.190		
July, 2023	0.818	0.260		
Aug, 2023	0.847	0.310		
Sept, 2023	0.845	0.330		
Oct, 2023	0.841			
Nov, 2023	0.781	0.410		
Dec, 2023	0.669			
Jan, 2024	0.796			
Feb, 2024	0.73			
Mar, 2024	0.703			
Apr, 2024	0.713	0.275		
May, 2024	0.748			
June, 2024	0.853	-		
July, 2024	0.865			
Aug, 2024	0.912			
Sept, 2024	0.871	0.374		
Oct, 2024	0.849			
Nov. 2024	0.814			
11UV. 2UZ4	0.814	0.273	1.07	
		Average	2.35	
		90 Percentile	4.824	

NPDES Individual Permit -Modification/Reissuance - Municipal (Form 188)

version 1.13

(Submission #: HQ9-0Y8F-M1NCM, version 1)

Digitally signed by: AEPACS Date: 2024.12.26 16:38:52 -06:00

Reason: Submission Data Location: State of Alabama

Details

Submission ID HQ9-0Y8F-M1NCM

Form Input

General Instructions

NPDES Individual Permit Modification and Reissuance Form • Publicly-Owned Treatment Works (POTW), Other Treatment Works Treating Domestic Sewage (TWTDS), and Public Water Supply Treatment Plants

IF YOU ARE APPLYING FOR A PERMIT MODIFICATION, PLEASE CONTACT YOUR ASSIGNED PERMIT CONTACT TO DISCUSS THE TYPE OF MODIFICATION YOU SHOULD APPLY FOR BEFORE COMPLETING THIS FORM.

This form should be used to submit the following permit requests for permitted Publicly-Owned Treatment Works (POTW), Other Treatment Works Treating Domestic Sewage (TWTDS), and Public Water Supply Treatment Plants:

- (1) Permit Transfers
- (2) Permittee/Facility Name Changes
- (3) Minor Modifications

This modification may not be used for changes that would result in changes to permit conditions

- (4) Major Modifications (No Effluent Limit Change)
- (5) Major Modifications (Effluent Limit Change)
- (6) Reissuances

Reissuance of a permit due to approaching expiration

Revocation and Reissuance of permit prior to its scheduled expiration

Please complete all questions and attach all necessary documentation as prompted throughout the application process. Incomplete or incorrect information will delay processing.

Applicable Fees:

Permit Transfers and/or Permittee/Facility Name Changes

\$800

Minor Modifications

\$800

Major Modifications (No Effluent Limit Change)

\$3,140 (Major Sources)

\$2,250 (Minor Sources or Public Water Supply Treatment Plants)

Major Modifications (Effluent Limit Change)

\$7,060 (Major Sources)

\$4,290 (Minor Sources or Public Water Supply Treatment Plants)

Reissuances

\$7,060 (Major Sources)

\$4,290 (Minor Sources or Public Water Supply Treatment Plants)

For assistance, please click here to determine the permit engineer responsible for the site or call (334) 271-7810.

Processing Information

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Purpose of Application

Reissuance of Permit Due to Approaching Expiration

Please indicate if the Permittee is applying for a permit transfer and/or name change in addition to permit modification or reissuance:

None

Action Type

Reissuance

Briefly describe any planned changes at the facility that are included in this reissuance application:

None

Do you have additional contacts associated with this site?

No

Permit Information

Permit Number

AL0077020

Current Permittee Name

West Morgan East Lawrence Water and Sewer Authority

Permittee

Permittee Name

West Morgan East Lawrence Water and Sewer Authority

Mailing Address

2547 Kirby Bridge Road

Decatur, AL 35609

Is the Operator the same as the Permittee?

Yes

Has the Operator♦s scope of responsibility changed?

No

Responsible Official

Prefix

Mrs.

First Name

Last Name

Slater

Jeaniece

Title

General Manager

Organization Name

West Morgan East Lawrence Water and Sewer Authority

Phone Type

Number

Extension

Business

2566121750

Email

jslater@wmel.org

Mailing Address

2547 Kirby Bridge Road

Decatur, AL 35609

Existing Permit Contacts

Affiliation Type	Contact Information	Remove?	

12/26/2024 4:38:49 PM Page 2 of 8

Affiliation Type	Contact Information	Remove?
DMR Contact	Jeaniece Slater	NONE PROVIDED
Notification Recipient, Responsible Official, Emergency Contact	Jeaniece Slater, West Morgan East Lawrence Water and Sewer Authority	NONE PROVIDED
Permittee	West Morgan East Lawrence Water and Sewer Authority	NONE PROVIDED

Facility/Site Information

Facility/Site Name

Robert M. Hames WTP

Organization/Ownership Type

Water/Sewer/Utility District or Board

The Facility/Site Address is the physical location of the treatment plant. Do not enter a PO Box. Do not enter the address of the office of the Permittee if different from the treatment plant.

Facility/Site Physical Location Address

6505 County Road 400 Hillsboro, AL 35643

Facility/Site County

Lawrence

Facility/Site Contact

Prefix

Ms.

First Name

Last Name

Amanda

Boger

Title

Plant Manager

Organization Name

West Morgan East Lawrence Water and Sewer Authority

Phone Type

Number

Extension

Mobile

2562218461

Email

aboger@wmel.org

Note

Detailed directions should be included if a street address is not available.

Detailed Directions to the Facility/Site

NONE PROVIDED

Please refer to the link below for Lat/Long map instruction help.

Map Instruction Help

Facility/Site Front Gate Latitude and Longitude

34.75440000000000,-87.229722

6505 County Road 400, Hillsboro, AL

Primary SIC Code

4941-Water Supply

12/26/2024 4:38:49 PM Page 3 of 8

Primary NAICS Code

221310-Water Supply and Irrigation Systems

Emergency Contact

Prefix

Mrs.

First Name Last Name Amanda Boger

Title

Plant Manager

Phone Type Number Extension

Business 256-221-8461

Email

aboger@wmel.org

Does the facility have a designated Environmental Contact who is different than the Facility Contact or Emergency Contact listed above?

No

Enforcement History

Has the applicant been issued any Notices of Violation, Orders (Consent or Administrative/Unilateral), or Judicial Actions (Complaint, Settlement Agreement, Consent Decree, or Court Order) concerning water pollution or other permit violations within the State of Alabama in the past five years?

Wastewater Treatment & Discharge Information

Please indicate which type of operations occur at this facility:

Public Water Supply Treatment Facility

What is the facility⊕s total 2-Year Actual Average Flow (in millions of gallons per day, MGD)?

Process Flow Schematic

Hames WTP Flow Schematic 20190808.pdf - 12/20/2024 06:59 AM

Comment

NONE PROVIDED

Do you share an outfall with another facility?

Nο

Indicate if automatic sampling equipment or continuous wastewater flow metering equipment is being operated at this facility:

Current	Yes/No
Continuous Wastewater Flow Metering Equipment	Yes
Automatic Sampling Equipment	N/A

Indicate if installation of automatic sampling equipment or continuous wastewater flow metering equipment is planned at this facility:

Planned	Yes/No
Continuous Wastewater Flow Metering Equipment	N/A
Automatic Sampling Equipment	N/A

Schematic Diagram

Hames WTP Flow Schematic 20190808,pdf - 12/20/2024 07:02 AM

Comment

NONE PROVIDED

12/26/2024 4:38:49 PM Page 4 of 8

Are any wastewater collection or treatment modifications or expansions planned during the next three years that could alter wastewater volumes or characteristics (Note: Permit Modification may be required)?

Treatment Methods (Public Water Supply)

Please select all treatment/disposal processes that apply:

Sludge Treatment and Disposal Processes

Please select all Sludge Treatment and Disposal Processes that apply:

Gravity thickening Landfilll Pressure filtration

Waste Storage & Disposal Information

Any storage of solids or liquids at the facility that have any potential for accidental discharge to a water of the state? No

Coastal Zone Information

Is the discharge(s) located within the 10-foot elevation contour and within the limits of Mobile or Baldwin County?

Anti-Degradation Evaluation

Does this modification/reissuance include a new or increased discharge that began after April 3, 1991?

Has an Anti-Degradation Analysis been previously conducted and submitted to the Department for the new or increased discharge referenced above?

Yes

Does the facility discharge to a Tier II waterbody as defined in ADEM Code r. 335-6-10-.12(4)?

EPA Application Forms

All Applicants must submit certain EPA permit application forms. More than one application form may be required from a POTW or other TWTDS depending on the number and types of discharges or outfalls.

The EPA application forms must be submitted as follows:

- 1. Applicants for new or existing discharges of sanitary wastewater from Publicly-Owned Treatment Works (POTW) and Other Treatment Works Treating Domestic Sewage (TWTDS) must submit Form 2A. If the facility design capacity is equal to or greater than 1 MGD, Form 2F is also required.
- 2. Applicants for new or existing land application of sanitary wastewater must submit Form 2A and Form 2F.
- 3. Applicants for new and existing discharges of process wastewater from water treatment facilities (i.e. public water supply treatment plants) must submit Form 1 and Form 2C.
- 4. Applicants that generate sewage sludge, derive a material from sewage sludge, or dispose of sewage sludge must submit Part 2 of Form 2S.

The EPA application forms are found on the Department swebsite here.

EPA Form 1

Form 1 signature page.pdf - 12/26/2024 04:06 PM Hames Form 1 12-26-2024.pdf - 12/26/2024 04:12 PM Comment

NONE PROVIDED

12/26/2024 4:38:49 PM Page 5 of 8

EPA Form 2C

Hames 2C 0011 and 0012 (1).pdf - 12/20/2024 07:19 AM Comment

NONE PROVIDED

Other attachments (as needed)

Hames NPDES Permit TOPO.pdf - 12/20/2024 07:20 AM

Comment

NONE PROVIDED

Engineering Report/BMP Plan Requirements

Engineering Report/BMP Plan Requirements

NONE PROVIDED

Comment

NONE PROVIDED

Outfalls (1 of 1)

Outfall: 001

Do you want to remove this outfall from the modified/reissued permit?

No

Outfall Identifier

001

Is this Outfall equipped with a diffuser?

Nο

What is this Outfall's 2-Year Average Flow (in millions of gallons per day, MGD)?

0.287

Receiving Water

Tennessee River (Wheeler Lake)

Does the discharge enter the named receiving water via an unnamed tributary?

NONE PROVIDED

Please refer to the link below for Lat/Long map instruction help.

Map Instruction Help

Location of Outfall or Discharge Point/Receiving Water

34.75500000000000, -87.22722200000000

A list of the 303(d) impaired waters can be found here.

303(d) Segment?

Yes

A list of waters subject to a TMDL can be found here,

TMDL Segment?

Yes

NOTE

If a TMDL Compliance Schedule is requested, the following should be attached as supporting documentation: (1) Justification for the requested Compliance Schedule (e.g., time for design and installation of control equipment, etc.); (2) Monitoring results for the pollutant(s) of concern which have not previously been submitted to the Department (sample collection dates, analytical results (mass and concentration), methods utilized, and MDL/ML, etc. should be submitted as available); (3) Requested interim

limitations, if applicable; (4) Date of final compliance with the TMDL limitations; and (5) Any other additional information available to support the requested compliance schedule.

TMDL Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Fee

Fee

4290

Note: Additional Fees may be assessed after the review of the application is complete. These fees may include any of the following:

Modeling with Data Collection (10 Stations) - \$60,390 Modeling with Data Collection (5 Stations) - \$49,315 Modeling - desktop - \$4,855 Review of Model Performed by Others - \$2,705 Seasonal Limits - \$4,855/additional season Biomonitoring & Toxicity Limits - \$1,015

Please contact your area engineer if you have any questions about which additional fees may be assessed for this application.

Application Preparer

Application Preparer

Prefix

Mrs.

First NameSandra

Last Name
Davis

Title

NONE PROVIDED

Organization Name

Living Water Services,LLC

Phone Type Number Extension

Mobile 2565958559

Email

sandi.davis@livingwater.services

Address

160 Piper Lane

Alabaster, AL 35007

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Agreements and Signature(s)

SUBMISSION AGREEMENTS

- I am the owner of the account used to perform the electronic submission and signature.
- I have the authority to submit the data on behalf of the facility I am representing.
- I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

The information contained in this form must be certified by a responsible official as defined in ADEM Administrative Code r. 335-6-6-.09 "signatories to permit applications and reports" (see below).

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.

335-6-6-.09 SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS.

- (1) The application for an NPDES permit shall be signed by a responsible official, as indicated below:
 - (a) In the case of a corporation, by a principal executive officer of at least the level of vice president, or a manager assigned or delegated in accordance with corporate procedures, with such delegation submitted in writing if required by the Department, who is responsible for manufacturing, production, or operating facilities and is authorized to make management decisions which govern the operation of the regulated facility:
 - (b) In the case of a partnership, by a general partner;
 - (c) In the case of a sole proprietorship, by the proprietor: or
 - (d) In the case of a municipal, state, federal, or other public entity, by either a principal executive officer, or ranking elected official.

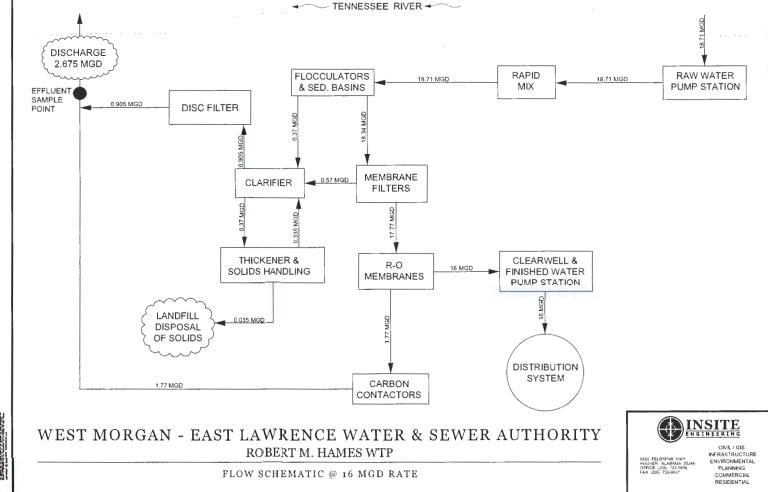
Signed By

Amanda Boger on 12/26/2024 at 4:33 PM

12/26/2024 4:38:52 PM Page 8 of 8

ENGINEERING

PROCESS FLOW DIAGRAM **EXHIBIT 2**



Page 11 of 12

WEST MORGAN EAST LAWRENCE WATER AND SEWER AUTHORITY ROBERT M. HAMES WATER TREATMENT PLANT REVERSE OSMOSIS TREATMENT PROCESS ANTI-DEGRADATION REPORT



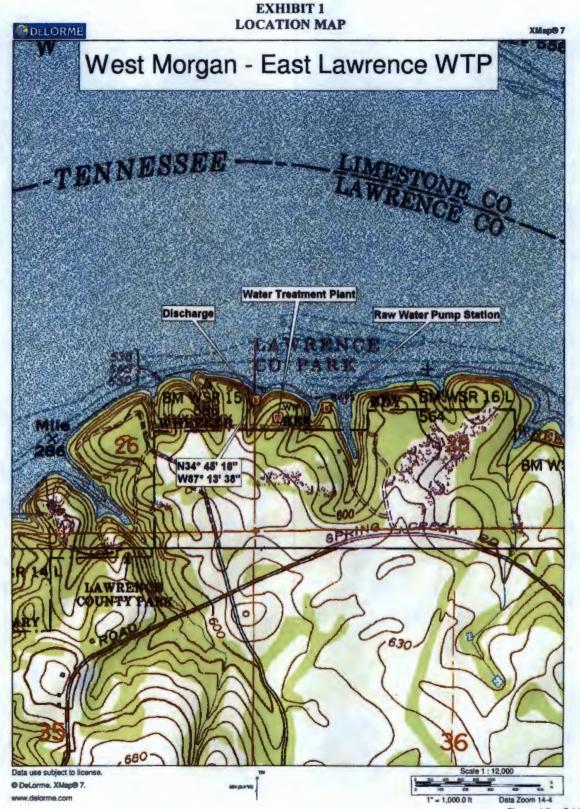
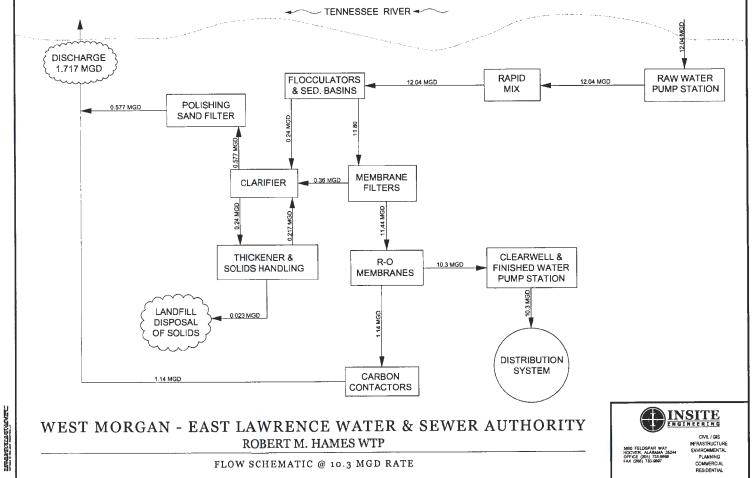


EXHIBIT 2





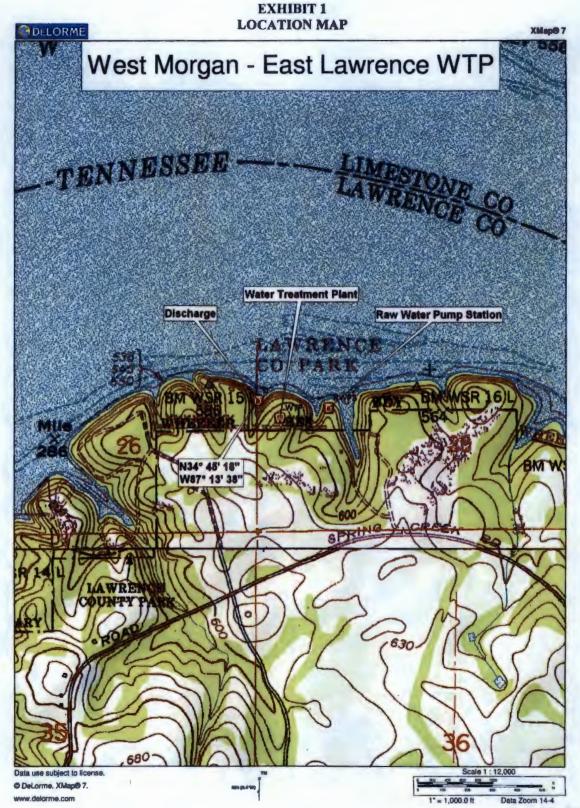
RECEIVED

JUN 16 2025

IND/MUN BRANCH WATER DIVISION

WEST MORGAN EAST LAWRENCE WATER AND SEWER AUTHORITY ROBERT M. HAMES WATER TREATMENT PLANT REVERSE OSMOSIS TREATMENT PROCESS ANTI-DEGRADATION REPORT





Form Approved 03/05/19 EPA Identification Number NPDES Permit Number Facility Name OMB No. 2040-0004 Robert M. Hames WTP AL0077020 U.S. Environmental Protection Agency Form Application for NPDES Permit to Discharge Wastewater **SEPA** NPDES **GENERAL INFORMATION** SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1)) Applicants Not Required to Submit Form 1 Is the facility a new or existing treatment works Is the facility a new or existing publicly owned 1.1.1 1.1.2 treating domestic sewage? treatment works? If ves. STOP. Do NOT If ves. STOP, Do NOT complete No No complete Form 1. Complete Form 1, Complete Form 2A. Form 2S. 1.2 Applicants Required to Submit Form 1 is the facility a concentrated animal feeding Is the facility an existing manufacturing, 1.2.1 1.2.2 Requiring an NPDES Permit commercial, mining, or silvicultural facility that is operation or a concentrated aquatic animal currently discharging process wastewater? production facility? Yes → Complete Form 1 Yes → Complete Form 1 and Form 2C. and Form 2B. 1.2.3 Is the facility a new manufacturing, commercial, 1.2.4 Is the facility a new or existing manufacturing. mining, or silvicultural facility that has not yet commercial, mining, or silvicultural facility that commenced to discharge? discharges only nonprocess wastewater? Yes → Complete Form 1 Yes → Complete Form No and Form 2D. 1 and Form 2E. 1.2.5 Is the facility a new or existing facility whose discharge is composed entirely of stormwater associated with industrial activity or whose discharge is composed of both stormwater and non-stormwater? Yes → Complete Form 1 No and Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15). SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(f)(2)) **Facility Name** Robert M. Hames WTP Mailing Address, and Location 2.2 **EPA Identification Number** AL0077020 2.3 **Facility Contact** Name (first and last) Title Phone number Amanda Boger Plant Manager (256) 221-8461 Email address aboger@wmel.org THE RESERVE OF THE PROPERTY OF 2.4 Facility Mailing Address Street or P.O. box 2547 Kirby Bridge Road ZIP code City or town State 35609 Decatur AL

EPA Identification Number		ition Number			Facility Name	OMP No. 2040 0004			
			AL00	77020	Robert M. Hames WWTI	OWID 110. 2040-0004			
ss, ed	2.5	Facility Location	1						
dreg		Street, route number, or other specific identifier							
Ad		6505 County Rd.	100						
ing on C		County name	•	County code (if known)				
Name, Mailing Address, and Location Continued		Lawrence			,				
L, e, L		City or town		State		ZIP code			
Nan		Hillsboro		AL		35643			
	N 2 SIC	AND NAICS COD	ES (40 CED 12						
SECTIO	3.1	SIC Co		Description (ontional)	2			
	0.1	010 00	uc(s)	Description (optional)				
60									
ode									
ŭ									
AC.									
N P	3.2	NAICS C	ode(s)	Description (optional)				
SIC and NAICS Codes									
SECTIO	N 4. OP	ERATOR INFORM	ATION (40 CFI	R 122.21(f)(4))					
	4.1	Name of Operat	or						
		Amanda Boger							
E 0	4.2		listed in Item 4	.1 also the owner	?				
Operator Information		·		,, 4,,,,	•				
form		☐ Yes ☑ N	lo						
r E	4.3	Operator Status							
rato		☐ Public—fede	eral 🗆	☐ Public—state	☑ Othe	r public (specify <u>) other than state o</u>			
be		☐ Private		Other (specify)					
	4.4	Phone Number	of Operator						
		(256) 221-8461							
	4.5								
- Lo	4.5	Operator Addre							
nati		6505 County Road							
forr			1 400	1014		710			
ator Inform Continued		City or town		State		ZIP code			
ag S		Hillsboro		AL		35643			
Operator Information Continued		Email address of							
		aboger@wmel.or							
SECTIO	N 5. INC	DIAN LAND (40 CF	R 122.21(f)(5))						
an	5.1	Is the facility loca	ated on Indian I	and?					
Indian Land		☐ Yes ☑	No						
	I								

EPA Form 3510-1 (revised 3-19) Page 2

EPA Identification Number			NPDES Permit Number Facility Name			Form Approved 03/05/19 OMB No. 2040-0004		
			AL0077020	AL0077020 Robert M. Hames WWTF			P OWB NO. 2040-0004	
SECTIO	N 6. EXI	STING ENVIRON	MENTAL PERMITS (40 CFR 122.21	1(f)(6))		
	6.1		g Environmental Permits (check all that apply and print or type the corresponding permit number for each)					
Existing Environmental Permits			scharges to surface			lous wastes)	UIC (underground injection of fluids)	
ng Enviro		PSD (air er	nissions)	☐ Nonattaini	ment	program (CAA)	☐ NESHAPs (CAA)	
Existi		Ocean dum	nping (MPRSA)	☐ Dredge or	r fill (CWA Section 404)	Other (specify)	
SECTIO	N 7. MA	P (40 CFR 122.21	(f)(7))	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ESI			
Мар	7.1	Have you attack specific required Yes	ments.)			uired information to the	is application? (See instructions for	
					30 10	quirements in rount 2	5.7	
SECTIO			ESS (40 CFR 122.21(,		
w	8.1		ature of your business. ibutes water to the ar		lorga	n and East Lawrences	counties that are within distribution	
sines								
Nature of Business								
Nature								
SECTIO	N 9. CO	OLING WATER I	NTAKE STRUCTURE	S (40 CFR 122	2.21(f)(9))		
	9.1		ty use cooling water?			N-H		
- se			No → SKIP to Item	10.1.				
Cooling Water Intake Structures	9.2	40 CFR 125, Si	ubparts I and J may ha	ave additional a	applio	cation requirements a	er intake structure as described at t 40 CFR 122.21(r). Consult with your e submitted and when.)	
SECTIO	N 10. V	RIANCE REQUE	ESTS (40 CFR 122.21	(f)(10))				
	10.1	Do you intend t	o request or renew on	e or more of th			40 CFR 122.21(m)? (Check all that ation needs to be submitted and	
Variance Requests		,	entally different factors 301(n))	s (CWA		Water quality related 302(b)(2))	d effluent limitations (CWA Section	
/ariancı			ventional pollutants (C 301(c) and (g))	CWA		Thermal discharges	(CWA Section 316(a))	
		✓ Not appl	icable					

Form Approved 03/05/19 OMB No. 2040-0004

				AL0077020	Robe	ert M.	Harnes WWTP	UMB No. 2040-0004
SECTIO	N 11. CH	ECKLIS	T AND	ERTIFICATION STATEMENT	(40 CFR 12	2.22(a) and (d))	
	11.1	For ea	ch sectio	low, mark the sections of Form n, specify in Column 2 any atta icants are required to provide a	achments tha	ave co t you a	mpleted and are su re enclosing to ale	ibmitting with your application. It the permitting authority. Note
			***************************************	Column 1			(Column 2
			Section	1: Activities Requiring an NPD	DES Permit		w/ attachments	
Checklist and Certification Statement		Ø	Section	2: Name, Mailing Address, an	d Location		w/ attachments	
			Section	3: SIC Codes			w/ attachments	
		v	Section	4: Operator Information			w/ attachments	
		Ø	Section	5: Indian Land	***************************************		w/ attachments	
		Section 6: Existing Environmental Permits					w/ attachments	
	And a second sec	Section 7: Map					w/ topographic map	w/ additional attachments
		Ø	Section	8: Nature of Business			w/ attachments	
rtffca	Official and an article and a second framework and a second a second and a second and a second and a second and a second a		Section	on 9: Cooling Water Intake Structures			w/ attachments	
25		Ø	Section	10: Variance Requests	······································		w/ attachments	
klist a		Ø	Section	11: Checklist and Certification	n Statement		w/ attachments	
hec	11.2	Certifi	ication S	tatement				
Control of the contro		in acco inform directly belief,	ordance v ation sub y respons true, acc	with a system designed to assumitted. Based on my inquiry of sible for gathering the informati	ire that qualit f the person c ion, the informers that there	ied per or perso nation are sig	sonnel property ga ons who manage the submitted is, to the mificant penalties fo	ne system, or those persons
NA COLORADA		5	**	type first and last name)		1	al title	
	Gridamarko como a superior	Jeanier	e Slater			Gene	rai Manager	
			/					
Material and Application of the Control of the Cont		Signature 188			Date signed 12/20/2024			
				-				CONTROL OF CONTROL OF CASCOT ASSOCIATE ASSOCIATION OF CONTROL OF C

NPDES Permit Number

EPA Identification Number

Facility Name

OMB No. 2040-0004 **EPA Identification Number** NPDES Permit Number **Facility Name** Expires 07/31/2026 AL0077020 AL0077020 Robert M. Hames WTP **U.S. Environmental Protection Agency** Form Application for NPDES Permit to Discharge Wastewater **SEPA** 2C **NPDES** EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS SECTION 1. OUTFALL LOCATION (40 CFR 122.21(G)(1)) Provide information on each of the facility's outfalls in the table below. Outfall Outfall Location **Receiving Water Name** Latitude Longitude Number **Tennessee River** 34°45'19.3" 87°13'46.9" 0011 SECTION 2. LINE DRAWING (40 CFR 122.21(G)(2)) Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.) ✓ Yes SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(G)(3)) For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary. **Outfall Number** 0011 Operations Contributing to Flow **Average Flow** Operation Flocculation & Settling; Membrane Filtration - Backwash, 0.577 mad Average Flows and Treatment cont. from above - Flush, EFM, & CIP mad **Reverse Osmosis** 1.14 mgd mgd **Treatment Units** Description Final Disposal of Solid or Code from (include size, flow rate through each treatment unit, **Liquid Wastes Other Than** Exhibit 2C-2 retention time, etc.) by Discharge Clarification, Settling, Sludge Thickening, Decant will flow 5-Q 1-G, 1-U, 5-L, 4-A through tertiary filter prior to discharge. Solids to landfill. GAC adsorption, discharge to surface water 2-A, 4-A

RECEIVED

4A

Two waste streams above to be blended prior to discharge

JUN 1 6 2025

IND/MUN BRANCH WATER DIVISION

EPA Identification		ion Number	n Number NPDES Permit Number		acility Name	OMB No. 2040-0004				
	AL0077			Robert	M. Hames WTP	Expires 07/31/2026				
	3.1		**Out	fall Number**						
	cont.		Operations Contributing to Flow							
			Operation		A	verage Flow				
						mgd				
						mgd				
						mgd				
						mgd				
		Treatment Units								
		(include siz	Description ze, flow rate through each treatme retention time, etc.)	nt unit,	Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge				
Average Flows and Treatment Continued										
reatment (
nd T		**Outfall Number**								
NS a		Operations Contributing to Flow								
Flow			Operation		Average Flow					
rage					mgd					
Ave						mgd				
						mgd				
						mgd				
				Treatment U	nits					
		(include siz	Description ze, flow rate through each treatment retention time, etc.)	nt unit,	Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge				
tem	3.2	Are you apply	ing for an NPDES permit to operate	te a privately ov	_					
System Users	3.3	Have you atta	ched a list that identifies each use	r of the treatme	ent works?	**				

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	AL0077	7020	AL0077	020	Robert M. Hames V	WTP	Expir	es 0//31/2026		
SECTIO	N 4. INT	ERMITTENT F	LOWS (40 CFR 12)	2.21(G)(4))						
	4.1	Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal? ☐ Yes								
	4.2	Provide infornecessary.	mation on intermitte	nt or seasonal flows				f		
		Outfall	Operation		uency	Flow				
		Number	(list)	Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	Duration		
e e				days/week	months/year	mgd	mgd	days		
Flow				days/week	months/year	mgd	mgd	days		
itten				days/week	months/year	mgd	mgd	days		
Intermittent Flows				days/week	months/year	mgd	mgd	days		
				days/week	months/year	mgd	mgd	days		
				days/week	months/year	mgd	mgd	days		
				days/week	months/year	mgd	mgd	days		
				days/week	months/year	mgd	mgd	days		
				days/week	months/year	mgd	mgd	days		
SECTIO	N 5. PR	ODUCTION (4	CFR 122.21(G)(5)							
	<u>5.1</u>			nes (ELGs) promulgat	ted by EPA under Se	ection 304 of the	CWA apply to	our/		
		☐ Yes			✓ No → S	SKIP to Section	6.			
3	5.2		ollowing information							
e E		ELG	Category		Regulator	/ Citation				
Applicable ELGs										
B										
	5.3	Are any of th	e applicable ELGs e	expressed in terms of	production (or other	measure of oper	ration)?			
Suc		☐ Yes				SKIP to Section	•			
tatio	5.4	Provide an a	ctual measure of da	ily production express	sed in terms and unit	s of applicable E	LGs.			
d Limi		Outfall Number	Opera	ation, Product, or M	aterial	Quantity p	OF I ISW	Unit of leasure		
Production-Based Limitations										
Produ			<u> </u>							
	1									

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AL0077020			AL0077020							
	<u>5.5</u>	Are you requesting alternative limits based on an anticipated increase in the actual production during the next permit term? (Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)								
		☐ Yes] No					
ECTIO	N 6, IMF	PROVEMENTS (40 CFR 122.21(G)(6))							
	<u>6.1</u>	constructing, u	ntly required by any federal, a apgrading, or operating waste could affect the discharges of	ewater treatment ed	quipment or practices or plication?	r any other enviro	for nmental			
40	6.2	Briefly identify	each applicable project in the	e table below.						
ents		B 1 411 4161		Affected		Final Comp	liance Date			
nprovem		Brief Identific	cation and Description of Project	Outfalls (list outfall number)	Source(s) of Discharge	Required	Projected			
Upgrades and Improvements										
	6.3	6.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (optional item)								
		☐ Yes	, , , , , , , , , , , , , , , , , , ,			Not applicable				
					No.61	riot applicable				
:C110	TION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(G)(7))									
		ee the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must mplete. Not all applicants need to complete each table.								
		iplete. Not all applicants need to complete each table.								
	7.1	Are you requesting a waiver from your NPDES permitting authority for any Table A pollutants for any of your outfalls?								
		☐ Yes		•	No → SKIP to Item	7.3.				
ristics	7.2	If yes, indicate for all outfalls.	the applicable outfalls below Attach waiver request and ot	or check the appr her required inform	opriate box to indicate the nation to the application	hat you are reque	sting a waiv			
racte		Outfall number Outfall number Outfall number								
Chai		☐ I am requesting a waiver for some pollutants at all outfalls.								
ake		☐ I am requesting a waiver for all pollutants at all outfalls → SKIP to Item 7.4.								
Effluent and Intake Character	7.3	Have you com	pleted monitoring for all Table attached the results to this a	e A pollutants at ea	ach of your outfalls for w	hich a waiver has	s not been			
ent		☐ Yes								
	Table		Cyanide, Total Phenols, ar	nd Organic Toxic	Pollutante					
	7.4	Do any of the f	acility's processes that contri t 2C-3? (See end of instruction	bute wastewater fa		ne primary industr	y categories			
		☐ Yes	,		No → SKIP to Item	7.8.				
	n Section 1 of Ta	hle B2								
	<u>7.5</u>	Yes	nou rosulig noquiled lot al	i toalo metale, cyal	nue, and total priendis (ii Jecuvii I VI Id	DIC D!			

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EP	A Identificati	ion Number	NPDES Permit Number		Facility Nar	ne		OMB No. 2040-0004			
	AL0077	020	AL0077020	Expires 07/31/2026							
	7.6	List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.									
			Primary Industry Category		Required GC/MS Fraction(s) (check applicable boxes)						
					☐ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide			
					□ Volatile	☐ Acid	☐ Base/neutral	□ Pesticide			
					□ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide			
	7.7		ecked "Testing Required" for a ons checked in Item 7.6?	all required pollut	ants in Sec	tions 2 thro	ugh 5 of Table B for	each of the			
	7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? Yes									
	7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? Yes									
	<u>7.10</u>	Does the applicant qualify for a small business exemption under the criteria specified in the instructions?									
		Yes → Note that you qualify at the top of Table B, then SKIP to Item 7.12.									
and Intake Characteristics Continued	7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? Yes									
stic	Table	C. Certain Conventional and Non-Conventional Pollutants									
haracteri	7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table C for all outfalls?									
Intake C	7.13	✓ Yes Have you completed Table C by providing quantitative data for those pollutants that are limited either directly or indirectly in an ELG? You must provide quantitative data even if the pollutant is "Believed Absent."									
and	744	✓ Yes									
Effluent	7.14	Have you completed Table C by providing quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? Yes									
ш	Table		ordous Substances and Ast	hoefne							
	7.15		cated whether pollutants are		t" or "Belie	ved Absent	for all pollutants lis	ted in Table D			
	7.16	Have you con	npleted Table D by (1) descrit		the applica	ble pollutan	ts are expected to b	e discharged			
		Yes			✓ No						
			chlorodibenzo-p-Dioxin (2,3								
	7.17		ity use or manufacture one or reason to believe that TCDD				isted in the instruction	ons, or do you			
		☐ Yes →	Complete Table E.		☑ No ÷	SKIP to S	ection 8.				
	7.18	Have you com	npleted Table E by reporting of	qualitative data fo	r TCDD?						

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SECTIO	N 8. US	D OR MANUFACTUR	RED TOXICS (40 CFR 122.21(G)(9))						
tured	8.1	Is any pollutant listed an intermediate or fil Yes	anufactured at your facility as on 9.							
Used or Manufactured Toxics	8.2	List the pollutants be	elow. Attach additional sheets, if no 4.	ecessary. 7.						
Jsed		2.	5.	8.						
		3.	6.	9.						
SECTIO	N.9. BIO	LOGICAL TOXICITY	TESTS (40 CFR 122.21(G)(11))							
	9.1		owledge or reason to believe that a years on (1) any of your discharge	es or (2) a receiving water in relati	on to your discharge?					
sts		☐ Yes		✓ No → SKIP to Secti	on 10.					
, Te	9.2	Identify the tests and	their purposes below.	Cub-itted to NODEC						
oxicity	(4)	Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted					
Biological Toxicity Tests				☐ Yes ☐ No						
				☐ Yes ☐ No						
				☐ Yes ☐ No						
SECTIO	N 10. CC	ONTRACT ANALYSES	S (40 CFR 122.21(G)(12))							
	<u>10.1</u>	Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm? ✓ Yes No → SKIP to Section 11.								
	10.2		for each contract laboratory or con							
		T TOVIGO IIIIOTTIALIOTT	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3					
		Name of laboratory/firm	Southern Environmental Testing							
Contract Analyses		Laboratory address	2919 Fairgrounds Road SW Decatur, Alabama 35603							
		Phone number	(256) 280-2567							
		Pollutant(s) analyzed	Total Suspended Solids, Aluminum, Iron, Phosphorus, Chloride, Total Organic Carbon, Total Dissolved Solids							

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SECTIO	N 11, AE	DITIO	ONAL INFORMATION (40 CFR 12	2.21(G)	(13))							
	11.1	Has	Has the NPDES permitting authority requested additional information?									
5			Yes		✓ No → SKIP	to Sectio	n 12.					
natio	11.2	List	List the information requested and attach it to this application.									
nfor		1	1. 4.									
la la		''										
Additional Information		2. 5.										
4		3.	3. 6.									
SECTIO	N 12, C	IECK	LIST AND CERTIFICATION STAT	EMENT	(40 CFR 122,22(A) AND (D))							
	12.1	For	column 1 below, mark the sections each section, specify in Column 2 not all applicants are required to c	any atta	chments that you are enclosing to	alert the						
			Column 1		Colum	nn 2						
		Ø	Section 1: Outfall Location		w/ attachments							
		Ø	Section 2: Line Drawing	V	w/ line drawing		w/ additional attachments					
		Ø	Section 3: Average Flows and Treatment		w/ attachments		w/ list of each user of privately owned treatment works					
			Section 4: Intermittent Flows		w/ attachments							
ement		Ø	Section 5: Production		w/ attachments							
dist and Certification Statement			Section 6: Improvements		w/ attachments		w/ optional additional sheets describing any additional pollution control plans					
eriji					w/ request for a waiver and		w/ explanation for					
D D					supporting information w/ small business exemption	_	identical outfalls					
st a			Coeffice 7: Efficient and Intole	ப	request	Ш	w/ other attachments					
Check			Section 7: Effluent and Intake Characteristics		w/ Table A		w/ Table B					
5					w/ Table C		w/ Table D					
					w/ Table E		w/ analytical results as an attachment					
			Section 8: Used or Manufactured Toxics		w/ attachments							
			Section 9: Biological Toxicity Tests		w/ attachments							
		Ø	Section 10: Contract Analyses		w/ attachments							
			Section 11: Additional Information		w/ attachments							
		Ø	Section 12: Checklist and Certification Statement		w/ attachments							

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OMB No. 2040-0004 **EPA Identification Number** NPDES Permit Number Facility Name Expires 07/31/2026 AL0077020 AL0077020 Robert M. Hames WTP SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122 22(a) and (d)) (Continued) Provide the following certification. (See instructions to determine the appropriate person to sign the application.) **Certification Statement** Checklist and Certification Statement I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Name (print or type first and last name) Official title Jeaniece Slater **General Manager** Signature Date signed one 2 Slet 5/16/25

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		Waiver					fluent		Intal (option	
	Pollutant	Requested (if applicable)	Units (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
	Check here if you have applied	to your NPDE	S permitting autho	rity for a wai	ver for all of the p	ollutants listed on	this table for the not	ed outfall.		
1.	Biochemical oxygen demand		Concentration	mg/l				1		
''	(BOD ₅)		Mass	ibs/day				1		
2.	Chemical oxygen demand		Concentration	mg/l				1		
۷.	(COD)		Mass	lbs/day				1		
2	Total argania carbon (TOC)		Concentration	mg/l				1		
3.	Total organic carbon (TOC)		Mass	lbs/day				1		
4	Total suspended solids (TSS)		Concentration	mg/l	12.4	12.4	7.3	12		
4.	Total suspended solids (155)		Mass	lbs/day	27.5	27.5	17.4	12		
5.	Ammonia (as N)		Concentration	mg/l				1		
J.	Animonia (as N)		Mass	lbs/day				1		
6.	Flow		Rate	MGD	1.717	1.717		365		
7.	Temperature (winter)		°C	°C	19.0	17				
1.			°C	°C	27	24				
0	pH (minimum)		Standard units	S.U.	6.8	8.1		365		
8.	pH (maximum)		Standard units	s.u.	6.8	8.1		365		

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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NPDES Permit Number **EPA Identification Number** Facility Name **Outfall Number** OMB No. 2040-0004 AL0077020 Expires 07/31/2026 0011 AL0077020 Robert M. Hames WTP TABLE B. TOXIC METALS. CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))1 Presence or Absence Intake (check one) **Effluent** (optional) **Testing** Pollutant/Parameter Units Long-Term Maximum **Maximum** Long-Believed **Believed** Number (and CAS Number, if available) Required (specify) Average Number Term Daily Monthly Present **Absent** of of Daily Discharge Discharge Average **Analyses Analyses** Discharge (required) (if available) Value (if available) Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge. Section 1, Toxic Metals, Cyanide, and Total Phenols Concentration Antimony, total \checkmark 1.1 (7440-36-0)Mass Concentration Arsenic, total **√** 1.2 (7440 - 38 - 2)Mass Concentration Bervillium, total \checkmark (7440-41-7)Mass Concentration Cadmium, total \checkmark (7440-43-9)Mass Chromium, total Concentration \checkmark 1.5 (7440-47-3)Mass Concentration Copper, total \checkmark 1.6 (7440-50-8) Mass Concentration Lead, total **√** 1.7 (7439-92-1)Mass Concentration Mercury, total **4** 1.8 (7439-97-6) Mass Concentration Nickel, total 1.9 \checkmark (7440-02-0)Mass Concentration Selenium, total 1 1.10 (7782-49-2)Mass Concentration Silver, total $\overline{\mathbf{V}}$ 1.11 (7440-22-4)Mass

EPA Identification Number NPDES Permit Number Outfall Number Facility Name OMB No. 2040-0004 Expires 07/31/2026 AL0077020 AL0077020 Robert M. Hames WTP 0011 TABLE B. TOXIC METALS. CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))1 Presence or Absence Intake (check one) **Effluent** (optional) **Testing** Pollutant/Parameter Units Long-Term Maximum Maximum Long-Required Believed **Believed** (and CAS Number, if available) Number (specify) Number Average Daily Monthly Term **Present Absent** Daily of of Discharge Discharge Average **Analyses Analyses** Discharge (required) (if available) Value (if available) Concentration Thallium, total \checkmark 1.12 (7440-28-0)Mass Concentration Zinc, total 1.13 1 (7440-66-6) Mass Concentration Cyanide, total 1,14 \checkmark (57-12-5)Mass Concentration **V** 1.15 | Phenols, total Mass Section 2, Organic Toxic Pollutants (GC/MS Fraction - Volatile Compounds) Concentration Acrolein **V** 2.1 (107-02-8)Mass Concentration Acrylonitrile 2.2 $\overline{\mathbf{V}}$ (107-13-1)Mass Concentration Benzene \checkmark 2.3 (71-43-2)Mass Concentration **Bromoform** \checkmark (75-25-2)Mass Concentration Carbon tetrachloride $\overline{\mathbf{A}}$ 2.5 (56-23-5)Mass Concentration Chlorobenzene \checkmark 2.6 (108-90-7)Mass Concentration Chlorodibromomethane \checkmark 2.7 (124-48-1)Mass Concentration Chioroethane **√** 2.8 (75-00-3)Mass

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	AL0077020	AL00	77020		Robert M. Hames WTP		0011			Expire	s 07/31/2026
TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE			OXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v))1				
				or Absence ck one)			Effle	uent			ake ional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)			7	Concentration Mass						
2.10	Chloroform (67-66-3)			7	Concentration Mass						
2.11	Dichlorobromomethane (75-27-4)			7	Concentration Mass						
2.12	1,1-dichloroethane (75-34-3)			V	Concentration Mass						
2.13	1,2-dichloroethane (107-06-2)			V	Concentration Mass						
2.14	1,1-dichloroethylene (75-35-4)			Ø	Concentration Mass						
2.15	1,2-dichloropropane (78-87-5)			Ø	Concentration Mass						
2.16	1,3-dichloropropylene (542-75-6)			V	Concentration Mass						
2.17	Ethylbenzene (100-41-4)			Ø	Concentration Mass						
2.18	Methyl bromide (74-83-9)			Ø	Concentration Mass						
2.19	Methyl chloride (74-87-3)			Ø	Concentration Mass						
2.20	Methylene chloride (75-09-2)			Ø	Concentration Mass						
2.21	1,1,2,2- tetrachloroethane (79-34-5)			Ø	Concentration Mass						

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TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE		ORGANIC T	TOXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v)) ¹				-
				ck one)			Efflu	uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)			V	Concentration Mass						
2.23	Toluene (108-88-3)			V	Concentration Mass						
2.24	1,2-trans-dichloroethylene (156-60-5)			Ø	Concentration Mass						
2.25	1,1,1-trichloroethane (71-55-6)			Ø	Concentration Mass						
2.26	1,1,2-trichloroethane (79-00-5)			Ø	Concentration Mass						
2.27	Trichloroethylene (79-01-6)			Ø	Concentration Mass						
2.28	Vinyl chloride (75-01-4)			Ø	Concentration Mass						
Section	on 3. Organic Toxic Pollutants	(GC/MS Fract	on—Acid C	ompounds)							
3.1	2-chlorophenol (95-57-8)			Ø	Concentration Mass						
3.2	2,4-dichlorophenol (120-83-2)			✓	Concentration Mass						
3.3	2,4-dimethylphenol (105-67-9)			Ø	Concentration Mass						
3.4	4,6-dinitro-o-cresol (534-52-1)			Ø	Concentration Mass						
3.5	2,4-dinitrophenol (51-28-5)			Ø	Concentration Mass						

EPA Identification Number NPDES Permit Number **Facility Name Outfall Number** OMB No. 2040-0004 Expires 07/31/2026 AL0077020 0011 AL0077020 Robert M. Hames WTP TABLE B. TOXIC METALS. CYANIDE. TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))1 Presence or Absence Intake (check one) **Effluent** (optional) **Testing** Poliutant/Parameter Units Long-Term Maximum Maximum Long-(and CAS Number, if available) Required Believed Believed Number Number Average (specify) Daily Term Monthly Present Absent Daily of of Discharge Discharge Average **Analyses Analyses** Discharge (if available) (required) Value (if available) Concentration 2-nitrophenol П \checkmark (88-75-5)Mass 4-nitrophenol Concentration \checkmark 3.7 (100-02-7)Mass Concentration p-chloro-m-cresol $\sqrt{}$ 3.8 (59-50-7)Mass Concentration Pentachlorophenol \Box П \checkmark 3.9 (87-86-5)Mass Phenol Concentration \checkmark 3.10 (108-95-2)Mass Concentration 2,4,6-trichlorophenol $\sqrt{}$ 3.11 (88-05-2) Mass Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds) Concentration Acenaphthene \checkmark (83-32-9) Mass Acenaphthylene Concentration $\boxed{}$ 4.2 (208-96-8)Mass Concentration Anthracene 4.3 \checkmark (120-12-7)Mass Benzidine Concentration $\overline{\mathbf{V}}$ (92-87-5)Mass Concentration Benzo (a) anthracene 4.5 $\sqrt{}$ (56-55-3)Mass Benzo (a) pyrene Concentration \square 4.6 (50-32-8)Mass

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			AL007/020 Robert M. Hames WTP 0011					-Apin			
TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE			OXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v)) ¹				
				or Absence ck one)			Efflo	uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)			V	Concentration Mass						
4.8	Benzo (ghi) perylene (191-24-2)			Ø	Concentration Mass						
4.9	Benzo (k) fluoranthene (207-08-9)			Ø	Concentration Mass						
4.10	Bis (2-chloroethoxy) methane (111-91-1)			V	Concentration Mass						
4.11	Bis (2-chloroethyl) ether (111-44-4)			7	Concentration Mass						
4.12	Bis (2-chloroisopropyl) ether (102-80-1)			7	Concentration Mass						
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)			V	Concentration Mass						
4.14	4-bromophenyl phenyl ether (101-55-3)			V	Concentration Mass						
4.15	Butyl benzyl phthalate (85-68-7)			V	Concentration Mass						
4.16	2-chloronaphthalene (91-58-7)			Ø	Concentration Mass						
4.17	4-chlorophenyl phenyl ether (7005-72-3)			V	Concentration Mass						
4.18	Chrysene (218-01-9)			V	Concentration Mass						
4.19	Dibenzo (a,h) anthracene (53-70-3)			Ø	Concentration Mass						

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	AL0077020	AL00	77020		Robert M. Hames WTP		0011				es 07/31/2026
TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE			OXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v)) ¹				
				or Absence ck one)		100	Efflo	uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)			V	Concentration Mass						
4.21	1,3-dichlorobenzene (541-73-1)			7	Concentration Mass						
4.22	1,4-dichlorobenzene (106-46-7)			7	Concentration Mass						
4.23	3,3-dichlorobenzidine (91-94-1)			V	Concentration Mass						
4.24	Diethyl phthalate (84-66-2)			Ø	Concentration Mass						
4.25	Dimethyl phthalate (131-11-3)			Ø	Concentration Mass						
4.26	Di-n-butyl phthalate (84-74-2)			Ø	Concentration Mass						
4.27	2,4-dinitrotoluene (121-14-2)			Ø	Concentration Mass						
4.28	2,6-dinitrotoluene (606-20-2)			V	Concentration Mass						
4.29	Di-n-octyl phthalate (117-84-0)			V	Concentration Mass						
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)			7	Concentration Mass						
4.31	Fluoranthene (206-44-0)			7	Concentration Mass						
4.32	Fluorene (86-73-7)			7	Concentration Mass						-

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	AL0077020	ALUU	177020		Robert M. Hames WIP		0011				
TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE		ORGANIC T	OXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v))¹				
	DECEMBER OF THE PARTY OF THE PA			ck one)			Efflo	uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)				Concentration Mass						
4.34	Hexachlorobutadiene (87-68-3)				Concentration Mass						
4.35	Hexachlorocyclopentadiene (77-47-4)			V	Concentration Mass						
4.36	Hexachloroethane (67-72-1)			V	Concentration Mass						
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)				Concentration Mass						
4.38	Isophorone (78-59-1)			V	Concentration Mass						
4.39	Naphthalene (91-20-3)			V	Concentration Mass						
4.40	Nitrobenzene (98-95-3)				Concentration Mass						
4.41	N-nitrosodimethylamine (62-75-9)				Concentration Mass						
4.42	N-nitrosodi-n-propylamine (621-64-7)			Ø	Concentration Mass						
4.43	N-nitrosodiphenylamine (86-30-6)				Concentration Mass						
4.44	Phenanthrene (85-01-8)			V	Concentration Mass						
4.45	Pyrene (129-00-0)			Ø	Concentration Mass						

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	E B. TOXIC METALS, CYANIDE		Presence	or Absence ck one)				uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)			V	Concentration Mass						
Section	on 5. Organic Toxic Pollutants	(GC/MS Fract	ion—Pestic	ides)	IMass					1	
	Aldrin				Concentration						
5.1	(309-00-2)				Mass						
5.0	а-ВНС				Concentration						
5.2	(319-84-6)			Ø	Mass						
5.3	β-ВНС			Ø	Concentration						
5.5	(319-85-7)				Mass						
5.4	ү-ВНС			✓	Concentration						
0.4	(58-89-9)				Mass						
5.5	δ-BHC			✓	Concentration						
	(319-86-8)	_	_	_	Mass						
5.6	Chlordane				Concentration						
	(57-74-9)				Mass						
5.7	4,4'-DDT (50-29-3)			V	Concentration						
					Mass						
5.8	4,4'-DDE (72-55-9)				Concentration Mass				+		
	4,4'-DDD				Concentration						
5.9	(72-54-8)			V	Mass						
	Dieldrin				Concentration						
5.10	(60-57-1)			7	Mass						
E 44	α-endosulfan				Concentration						
5.11	(115-29-7)			V	Mass						

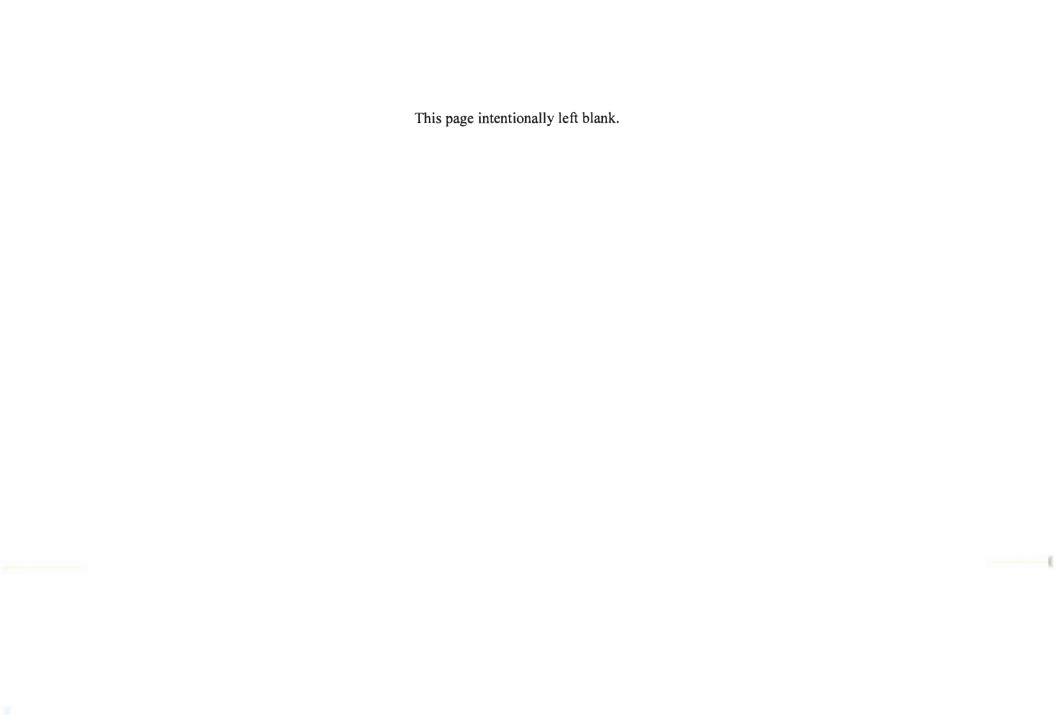
EPA Identification Number NPDES Permit Number Facility Name Outfall Number

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	AL0077020 AL0077020									23 0713 112020	
TABL	E B. TOXIC METALS, CYANIDE	TOTAL PHE			OXIC POLLUTANTS (40 C	FR 122.21(g)(7)	(v)) ¹				
				or Absence ck one)			Efflo	uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)			Ø	Concentration Mass						
5.13	Endosulfan sulfate (1031-07-8)			7	Concentration Mass						
5.14	Endrin (72-20-8)			Ø	Concentration Mass						
5.15	Endrin aldehyde (7421-93-4)			V	Concentration Mass						
5.16	Heptachlor (76-44-8)			V	Concentration Mass						
5.17	Heptachlor epoxide (1024-57-3)			Ø	Concentration Mass						
5.18	PCB-1242 (53469-21-9)			Ø	Concentration Mass						
5.19	PCB-1254 (11097-69-1)			Ø	Concentration Mass						
5.20	PCB-1221 (11104-28-2)			V	Concentration Mass						
5.21	PCB-1232 (11141-16-5)			Ø	Concentration Mass						
5.22	PCB-1248 (12672-29-6)			V	Concentration Mass						
5.23	PCB-1260 (11096-82-5)			V	Concentration Mass						
5.24	PCB-1016 (12674-11-2)			Ø	Concentration Mass						

TABL	EPA Identification Number AL0077020 E B. TOXIC METALS, CYANIDE	AL00	Permit Number 77020		Facility Name Robert M. Harnes WTP OXIC POLLUTANTS (40)		Outfall Number 0011		OMB No. 2040-000 Expires 07/31/202		
			Presence	or Absence ck one)				uent			take tional)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.25	Toxaphene	П	П	Ø	Concentration			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	(8001-35-2)				Mass						

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).



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TAF	DIEC CERTAIN CO	NIV/ENTIONAL	AND NON-	ONIVENTIONAL DO	NI LITANE	C /40 CED 400 04/	(7\/.:\\1				
TAE	BLE C. CERTAIN CO	Presence o	or Absence			5 (40 GFR 122.21(g)		uent		Inta (optio	
	Pollutant	Pollutant Believed Believed Absent ck here if you believe all pollutants in Table C to be pre		Units (specify		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
	Check here if you be each pollutant. Check here if you be										
_	each pollutant.	eneve an pondo	ants in Table (o to be absent in y	our discharç	ge from the noted ou	tiali. You need h	ot complete trie Pro	esence of Adser	ice column of ra	ible C for
1.	Bromide (24959-67-9)		V	Concentration Mass							
2.	Chlorine, total residual	7		Concentration Mass	mg/l lbs/day	0.17	0.17	0.12	365 365		
3.	Color		Ø	Concentration Mass							
4.	Fecal coliform		V	Concentration							
5.	Fluoride (16984-48-8)		7	Concentration							
6	Nitrate-nitrite		7	Concentration Mass							
7.	Nitrogen, total organic (as N)		V	Concentration Mass							
8.	Oil and grease		Ø	Concentration Mass							
9.	Phosphorus (as P), total (7723-14-0)	7		Concentration Mass	mg/l lbs/day	0.07	0.07	0.03	12		
10.	Sulfate (as SO ₄) (14808-79-8)		7	Concentration Mass	ibs/udy	0.19	0.13	0.06	12		
11.	Sulfide (as S)			Concentration Mass							

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			k one)				Efflo	uent		Inta (optio	
	Pollutant	Believed Present	Believed Absent	Units (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as SO ₃) (14265-45-3)			Concentration Mass							
13.	Surfactants		7	Concentration Mass						7	
14.	Aluminum, total (7429-90-5)	7		Concentration	mg/l	2.61	2.61	1.29	12		
15.	Barium, total (7440-39-3)			Mass Concentration Mass	lbs/day	6.29	6.29	4	12		
16.	Boron, total (7440-42-8)			Concentration Mass							
17.	Cobalt, total (7440-48-4)		7	Concentration Mass							
18.	Iron, total (7439-89-6)	7		Concentration Mass	mg/l lbs/day	0.14	0.14	0.06	12 15	0.1	
19.	Magnesium, total (7439-95-4)		V	Concentration Mass	ibs/uay	0.50	0.30	0.13	15		
20.	Molybdenum, total		V	Concentration Mass							
21.	(7439-98-7) Manganese, total (7439-96-5)		V	Concentration Mass							
22.	Tin, total (7440-31-5)		Ø	Concentration Mass							
23.	Titanium, total (7440-32-6)		7	Concentration Mass							

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		Presence or Absence (check one)				Efflu	uent		Intake (optional)		
Pollutant 24. Radioactivity	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses		
24.	Radioactivity										
	Alaba tatal		 -	Ø	Concentration						
	Alpha, total	Ц			✓	Mass			1		
	Political Control			Concentration		-					
	Beta, total		Ø,	Mass							
	B F 111			Concentration							
	Radium, total		Ø	Mass							
	B 1: 000 111			Concentration							
	Radium 226, total		V	Mass							

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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TAE	TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))1							
		Presence or Absence (check one)						
	Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)			
1.	Asbestos		V					
2.	Acetaldehyde		V					
3.	Allyl alcohol		7					
4.	Allyl chloride		7					
5.	Amyl acetate							
6.	Aniline		7					
7.	Benzonitrile		7					
8.	Benzyl chloride		7					
9.	Butyl acetate		V					
10.	Butylamine							
11.	Captan							
12.	Carbaryl		V					
13.	Carbofuran		V					
14.	Carbon disulfide		7					
15.	Chlorpyrifos		7					
16.	Coumaphos		V					
17.	Cresol		V					
18.	Crotonaldehyde		V					
19.	Cyclohexane		Ø					

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))							
		Presence or Absence (check one)			Available Quantitative Data		
	Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)		7				
21.	Diazinon		7				
22.	Dicamba		V				
23.	Dichlobenil		V				
24.	Dichlone		V				
25.	2,2-dichloropropionic acid		Ø				
26.	Dichlorvos		Ø				
27.	Diethyl amine		V				
28.	Dimethyl amine		V				
29.	Dintrobenzene		V				
30.	Diquat		V				
31.	Disulfoton						
32.	Diuron		V				
33.	Epichlorohydrin		V				
34.	Ethion		7				
35.	Ethylene diamine		V				
36.	Ethylene dibromide		Ø				
37.	Formaldehyde						
38.	Furfural		V				

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TAB	LE D. CERTAIN HAZARDOUS SUBS			1(g)(7)(vii))¹	
	Pollutant	Presence or Absence (check one)			Available Quantitative Data
	Fondant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	(specify units)
39.	Guthion		7		
40.	Isoprene		V		
41.	Isopropanolamine		Ø	-	
42.	Kelthane		Ø		
43.	Kepone		Ø		
44.	Malathion		Ø		
45.	Mercaptodimethur		Ø		
46.	Methoxychlor		V		
47.	Methyl mercaptan		V		
48.	Methyl methacrylate		V		
49.	Methyl parathion		V		
50.	Mevinphos		V		
51.	Mexacarbate		V		
52.	Monoethyl amine		V		
53.	Monomethyl amine				
54.	Naled				
55.	Naphthenic acid		Ø		
56.	Nitrotoluene		V		
57.	Parathion		Ø		

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TAE	LE D. CERTAIN HAZARDOUS SUBSTAN	CES AND ASBEST	OS (40 CFR 122.2	1(g)(7)(vii)) ¹	
H		Presence or Absence (check one)			Available Quantitative Data (specify units)
	Pollutant	Believed Believed Present Absent		Reason Pollutant Believed Present in Discharge	
58.	Phenolsulfonate		Ø		
59.	Phosgene		Ø		
60.	Propargite		Z		
61.	Propylene oxide		Ø		
62.	Pyrethrins		Ø		
63.	Quinoline		Z		
64.	Resorcinol		Ø		
65.	Strontium		Ø		
66.	Strychnine		V		
67.	Styrene		V		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)		Ø		
69.	TDE (tetrachlorodiphenyl ethane)		V		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]		Ø		
71.	Trichlorofon		V		
72.	Triethanolamine		Ø		
73.	Triethylamine		Ø		
74.	Trimethylamine		✓ -		
75.	Uranium		Ø		
76.	Vanadium		Ø		3000

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TAE	BLE D. CERTAIN HAZARDOUS	SUBSTANCES AND ASBEST	OS (40 CFR 122.2	1(g)(7)(vii))¹			
	Pollutant	Presence or	Presence or Absence (check one)			Available Quantitative Data	
	· onduit	Believed Present	Believed Absent			(specify units)	
77.	Vinyl acetate		V				
78.	Xylene		7				
79.	Xylenol		7				
80.	Zirconium		7		(40)		

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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TABLE E. 2,3,7,8 TETRACHLORO	DIBENZO P DIO	(IN (2,3,7,8 T	(40 CF	R 122.21(g)(7)(viii))		
Pollutant	TCDD Congeners Used or	Presence or Absence (check one)		Results of Screening Procedure		
,	Manufactured	Believed Present	Believed Absent			
2,3,7,8-TCDD			Ø			