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MAR 27 2020

Honorable Michelle Knight, Mayor
City of Clio
Post Office Box 219
Clio, AL 36017

RE: Draft Permit
NPDES Permit No. AL0067181
Clio Lagoon
Barbour County, Alabama

Dear Mayor Knight:

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 that you apply for participation in the Department's web-based Electronic Environmental (E2) Reporting System Program for submittal of DMRs upon issuance of this permit unless valid justification as to why you cannot participate is submitted in writing. Please also be aware that Part I.C.2.e of your permit requires that you apply for participation in the Department's web-based electronic environmental (E2) reporting system for submittal of SSOs within 30 days of coverage under this permit unless valid justification as to why you cannot participate is submitted in writing. After issuance of the permit, SSO hotline notifications and hard copy Form 415 SSO reports may be used only with the written approval from the Department. The E2 Program allows ADEM to electronically validate, acknowledge receipt, and upload data to the state's central wastewater database. This improves the accuracy of reported compliance data and reduces costs to both the regulated community and ADEM. The Permittee Participation Package may be downloaded online at <https://e2.adem.alabama.gov/npdes> or you may obtain a hard copy by submitting a written request or by emailing e2admin@adem.alabama.gov.

Please also be aware that Part IV. of your permit requires that you develop, implement, and maintain a Sanitary Sewer Overflow Response Plan.

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.

Should you have any questions, please contact the undersigned by email at storbert@adem.alabama.gov or by phone at (334) 271-7800.

Sincerely,


Shanda Torbert
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

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)



Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
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Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608
(251) 304-1176
(251) 304-1189 (FAX)



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: CITY OF CLIO
POST OFFICE BOX 219
CLIO, ALABAMA 36017

FACILITY LOCATION: CLIO LAGOON (0.4) MGD
ALEX SHIPMAN ROAD
CLIO, ALABAMA
BARBOUR COUNTY

PERMIT NUMBER: AL0067181

RECEIVING WATERS: PEA RIVER

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1388 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-17, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

ISSUANCE DATE:

EFFECTIVE DATE:

EXPIRATION DATE:

Draft

Alabama Department of Environmental Management

**MUNICIPAL SECTION
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
PERMIT**

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PART I

DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

1. Outfall 0011 Discharge Limits

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 0011, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Discharge Limitations*							Monitoring Requirements**			
	Monthly Average	Weekly Average	Monthly Average	Weekly Average	Daily Minimum	Daily Maximum	Percent Removal	(1) Sample Location	(2) Sample Type	(3) Measurement Frequency	(4) Seasonal
Oxygen, Dissolved (DO) 00300 1 0 0	****	****	****	****	6.0 mg/l	****	****	E	GRAB	F	****
pH 00400 1 0 0	****	****	****	****	6.0 S.U.	9.0 S.U.	****	E	GRAB	F	****
Solids, Total Suspended 00530 1 0 0	300 lbs/day	450 lbs/day	90.0 mg/l	135 mg/l	****	****	****	E	GRAB	F	****
Solids, Total Suspended 00530 G 0 0	REPORT lbs/day	REPORT lbs/day	REPORT mg/l	REPORT mg/l	****	****	****	I	GRAB	F	****
Nitrogen, Ammonia Total (As N) 00610 1 0 0	10.0 lbs/day	15.0 lbs/day	3.0 mg/l	4.5 mg/l	****	****	****	E	GRAB	F	****
Nitrogen, Kjeldahl Total (As N) 00625 1 0 0	REPORT lbs/day	REPORT lbs/day	REPORT mg/l	REPORT mg/l	****	****	****	E	GRAB	G See Note 5	S
Nitrite Plus Nitrate Total 1 Det. (As N) 00630 1 0 0	REPORT lbs/day	REPORT lbs/day	REPORT mg/l	REPORT mg/l	****	****	****	E	GRAB	G See Note 5	S
Phosphorus, Total (As P) 00665 1 0 0	REPORT lbs/day	REPORT lbs/day	REPORT mg/l	REPORT mg/l	****	****	****	E	GRAB	G See Note 5	S
Flow, In Conduit or Thru Treatment Plant 50050 1 0 0	REPORT MGD	****	****	****	****	REPORT MGD	****	E	CONTIN	A	****
Chlorine, Total Residual See note (5) 50060 1 0 0	****	****	0.156 mg/l	****	****	0.270 mg/l	****	E	GRAB	F See Note 6	****

* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

** Monitoring Requirements

(1) Sample Location

- I - Influent
- E - Effluent
- X - End Chlorine Contact Chamber
- K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.
- RS - Receiving Stream

(2) Sample Type:

- CONTIN - Continuous
- INSTAN - Instantaneous
- COMP-8 - 8-Hour Composite
- COMP24 - 24-Hour Composite
- GRAB - Grab
- CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

- A - 7 days per week
- B - 5 days per week
- C - 3 days per week
- D - 2 days per week
- E - 1 day per week
- F - 2 days per month
- G - 1 day per month
- H - 1 day per quarter
- J - Annual
- Q - For Effluent Toxicity Testing, see Provision IV.B.

(4) Seasonal Limits:

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

(5) If only one sampling event occurs during a month, the sample result shall be reported on the DMR as both the monthly average, weekly average, and/or the daily maximum.

(6) See Part IV.C. for Total Residual Chlorine (TRC). Monitoring for TRC is applicable if chlorine is utilized for disinfection purposes. If monitoring is not applicable during the monitoring period, enter “*9” on the monthly DMR

Limits for Outfall 0011 continued on the next page.

2. Outfall 0011 Discharge Limits (continued)

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 0011, which is described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Discharge Limitations*							Monitoring Requirements**			
	Monthly Average	Weekly Average	Monthly Average	Weekly Average	Daily Minimum	Daily Maximum	Percent Removal	(1) Sample Location	(2) Sample Type	(3) Measurement Frequency	(4) Seasonal
E. Coli 51040 1 0 0	*****	*****	126 col/100mL	*****	*****	298 col/100mL	*****	E	GRAB	F	ECS
E. Coli 51040 1 0 0	*****	*****	548 col/100mL	*****	*****	2507 col/100mL	*****	E	GRAB	F	ECW
BOD, Carbonaceous 05 Day, 20C 80082 1 0 0	36.6 lbs/day	55.0 lbs/day	11.0 mg/l	16.5 mg/l	*****	*****	*****	E	GRAB	F	*****
BOD, Carbonaceous 05 Day, 20C 80082 G 0 0	REPORT lbs/day	REPORT lbs/day	REPORT mg/l	REPORT mg/l	*****	*****	*****	I	GRAB	F	*****
BOD, Carb-5 Day, 20 Deg C, Percent Remvl 80091 K 0 0	*****	*****	*****	*****	*****	*****	85.0%	K	CALCTD	G	*****
Solids, Suspended Percent Removal 81011 K 0 0	*****	*****	*****	*****	*****	*****	65.0%	K	CALCTD	G	*****

* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

** Monitoring Requirements

(1) Sample Location

- I - Influent
- E - Effluent
- X - End Chlorine Contact Chamber
- K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.
- RS - Receiving Stream

(2) Sample Type:

- CONTIN - Continuous
- INSTAN - Instantaneous
- COMP-8 - 8-Hour Composite
- COMP24 - 24-Hour Composite
- GRAB - Grab
- CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

- A - 7 days per week
- B - 5 days per week
- C - 3 days per week
- D - 2 days per week
- E - 1 day per week
- F - 2 days per month
- G - 1 day per month
- H - 1 day per quarter
- J - Annual
- Q - For Effluent Toxicity Testing, see Provision IV.B.

(4) Seasonal Limits:

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

3. Outfall 001Q Discharge Limits - Quarterly

Outfall 001Q represents the same physical outfall as Outfall 0011. The Department uses the 001Q designation for all samples collected and analyzed Quarterly testing. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Discharge Limitations*							Monitoring Requirements**			
	Monthly Average	Weekly Average	Monthly Average	Weekly Average	Daily Minimum	Daily Maximum	Percent Removal	(1) Sample Location	(2) Sample Type	(3) Measurement Frequency	(4) Seasonal
Mercury Total Recoverable 71901 1 0 0	*****	*****	0.17 µg/l	*****	*****	26.1 µg/l	*****	E	GRAB	H See Note 5	*****

* See Part II.C.1. (Bypass); Part II.C.2. (Upset)

** Monitoring Requirements

(1) Sample Location

I - Influent
 E - Effluent
 X - End Chlorine Contact Chamber
 K - Percent Removal of the Monthly Avg. Influent Concentration from the Monthly Avg. Effluent Concentration.
 RS - Receiving Stream

(2) Sample Type:

CONTIN - Continuous
 INSTAN - Instantaneous
 COMP-8 - 8-Hour Composite
 COMP24 - 24-Hour Composite
 GRAB - Grab
 CALCTD - Calculated

(3) Measurement Frequency: See also Part I.B.2.

A - 7 days per week
 B - 5 days per week
 C - 3 days per week
 D - 2 days per week
 E - 1 day per week
 F - 2 days per month
 G - 1 day per month
 H - 1 day per quarter
 J - Annual
 Q - For Effluent Toxicity Testing, see Provision IV.B.

(4) Seasonal Limits:

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

(5) EPA Method 1631/1669E, or alternative method specifically approved by the Department shall be used for analysis of this parameter.

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 each 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" 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, reissuance, 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" 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;
 - c. 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:
 - (1) **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) on the forms approved by the Department and 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 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.
 - (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. by utilizing the Department's web-based Electronic Environmental (E2) Reporting System.
- (1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's E2 Reporting 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 E2 Reporting 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 E2 Reporting System resuming operation, the permittee shall enter the data into the E2 Reporting System, unless an alternate timeframe is approved by the Department. An attachment should be included with the E2 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
Environmental Data Section, Permits & Services 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
Environmental Data Section, Permits & Services 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 shall be addressed to:

**Alabama Department of Environmental Management
Municipal Section, Water Division
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400**

- g. If this permit is a reissuance, 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 Department is utilizing a web-based electronic environmental (E2) reporting system for notification and submittal of SSO reports. **If the Permittee is not already participating in the E2 Reporting System for SSO reports, the Permittee must apply for participation in the system within 30 days of coverage under this permit unless the Permittee submits in writing valid justification as to why it cannot participate and the Department approves in writing utilization of verbal notifications and hard copy SSO report submittals.** Once the Permittee is enrolled in the E2 Reporting System for SSO reports, the Permittee must utilize the system for notification and submittal of all SSO reports unless otherwise allowed by this permit. The Permittee shall include in the SSO reports the information requested by ADEM Form 415. In addition, the Permittee shall include the latitude and longitude of the SSO in the report except when the SSO is a result of an extreme weather event (e.g., hurricane). To participate in the E2 Reporting System for SSO reports, the Permittee Participation Package may be downloaded online at <https://e2.adem.alabama.gov/npdes>. If the E2 Reporting System is down (i.e., electronic submittal of SSO data cannot be completed due to technical problems originating with the Department's system), the Permittee is not relieved of its obligation to notify the Department or submit SSO reports to the Department by the required submittal date, and the Permittee shall submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include verbal reports, reports submitted via the SSO hotline, or reports submitted via fax, e-mail, mail, or hand-delivery such that they are received by the required reporting date. Within five calendar days of the E2 Reporting System resuming operation, the Permittee shall enter the data into the E2 Reporting System, unless an alternate timeframe is approved by the Department. For any alternate notification, records of the date, time, notification method, and person submitting the notification should be maintained by the Permittee. If a Permittee is allowed to submit SSO reports via an alternate method, the SSO report must be in a format approved by the Department and must be legible.
- f. The Permittee shall maintain a record of all known wastewater discharge points that are not authorized as permitted outfalls, including but not limited to SSOs. The Permittee shall include this record in its Municipal Water Pollution Prevention (MWPP) Annual Reports, which shall be submitted to the Department each year by May 31st for the prior calendar year period beginning January 1st and ending December 31st. The MWPP Annual Reports shall contain a list of all known wastewater discharge points that are not authorized as permitted outfalls and any discharges that occur prior to the headworks of the wastewater treatment plant covered by this permit. The Permittee shall also provide in the MWPP Annual Reports a list of any discharges reported during the applicable time period in accordance with Provision I.C.2.a. The Permittee shall include in its MWPP Annual Reports the following information for each known unpermitted discharge that occurred:
 - (1) The cause of the discharge;

- (2) Date, duration and volume of discharge (estimate if unknown);
- (3) Description of the source (e.g., manhole, lift station);
- (4) Location of the discharge, by latitude and longitude (or other appropriate method as approved by the Department);
- (5) The ultimate destination of the flow (e.g., surface waterbody, municipal separate storm sewer to surface waterbody). Location should be shown on a USGS quad sheet or copy thereof; and
- (6) Corrective actions taken and/or planned to eliminate future discharges.

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 (BMP)

- 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 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 waterbody as necessary to determine the nature and impact of the noncomplying discharge.

2. Right of Entry and Inspection

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) The Permittee's facility was being properly operated at the time of the upset; and
 - (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 reissuance, 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.
- c. 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, sludges, 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 reissuance 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 reissuance 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 reissuance 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 reissuance 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 301(c), 301(g), 301(h), 301(k), or 316(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 reopener 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.

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; or
- 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 direct 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 create a fire or explosion hazard in the treatment works;
2. Pollutants which will cause corrosive structural damage to the treatment works, or dischargers with a pH lower than 5.0 s.u., unless the works are specifically designed to accommodate such discharges;
3. Solid or viscous pollutants in amounts which will cause obstruction of flow in sewers, or other interference with the treatment works;
4. Pollutants, including oxygen demanding pollutants, released in a discharge of such volume or strength as to cause interference in the treatment works;
5. Heat in amounts which will inhibit biological activity in the treatment plant resulting in interference or in such quantities that the temperature of the treatment plant influent exceeds 40°C (104° F) unless the treatment plant is designed to accommodate such heat; and
6. Pollutants in amounts which exceed any applicable pretreatment standard under Section 307 of FWPCA or any approved revisions thereof.

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 reissuance 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 reissuance. 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:
- Reaches a surface water of the State; or
 - 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:
- 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;
 - 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
 - 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 SPECIFIC REQUIREMENTS, CONDITIONS, AND LIMITATIONS

A. SLUDGE MANAGEMENT PRACTICES

1. Applicability
 - a. Provisions of Provision IV.A. apply to a sewage sludge generated or treated in treatment works that is applied to agricultural and non-agricultural land, or that is otherwise distributed, marketed, incinerated, or disposed in landfills or surface disposal sites.
 - b. Provisions of Provision IV.A. do not apply to:
 - (1) Sewage sludge generated or treated in a privately owned treatment works operated in conjunction with industrial manufacturing and processing facilities and which receive no domestic wastewater.
 - (2) Sewage sludge that is stored in surface impoundments located at the treatment works prior to ultimate disposal.
2. Submitting Information
 - a. If applicable, the Permittee must submit annually with its Municipal Water Pollution Prevention (MWPP) report the following:
 - (1) Type of sludge stabilization/digestion method;
 - (2) Daily or annual sludge production (dry weight basis);
 - (3) Ultimate sludge disposal practice(s).
 - b. The Permittee shall provide sludge inventory data to the Director as requested. These data may include, but are not limited to, sludge quantity and quality reported in Provision IV.A.2.a as well as other specific analyses required to comply with State and Federal laws regarding solid and hazardous waste disposal.
 - c. The Permittee shall give prior notice to the Director of at least 30 days of any change planned in the Permittee's sludge disposal practices.
3. Reopener or Modification
 - a. Upon review of information provided by the Permittee as required by Provision IV.A.2. or, based on the results of an on-site inspection, the permit shall be subject to modification to incorporate appropriate requirements.
 - b. If an applicable "acceptable management practice" or if a numerical limitation for a pollutant in sewage sludge promulgated under Section 405 of FWPCA is more stringent than the sludge pollutant limit or acceptable management practice in this permit. This permit shall be modified or revoked or reissued to conform to requirements promulgated under Section 405. The Permittee shall comply with the limitations no later than the compliance deadline specified in applicable regulations as required by Section 405 of FWPCA.

B. EFFLUENT TOXICITY TESTING REOPENER

Upon notification under Part II.G. of any newly introduced toxic industrial wastewaters, the Director may reopen the permit to include effluent toxicity limitations and testing requirements.

C. TOTAL RESIDUAL CHLORINE (TRC) REQUIREMENTS

1. If chlorine is not utilized for disinfection purposes, TRC monitoring under Part I of this Permit is not required. If TRC monitoring is not required (conditional monitoring), "*9" or "NODI = 9" (if hard copy) should be reported on the DMR forms.
2. 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), Standards Methods for the Examination of Water and Wastewater, 18th edition. If chlorine is not detected prior to actual discharge to the receiving stream using one of these methods (i.e., the analytical result is less than the detection level), the Permittee shall report on the DMR form "*B", "NODI = B" (if hard copy), or "0". The Permittee shall then be considered to be in compliance with the daily maximum concentration limit for TRC.
3. This permit contains a maximum allowable TRC level in the effluent. The Permittee is responsible for determining the minimum TRC level needed in the chlorine contact chamber to comply with E.coli limits. The effluent shall be dechlorinated if necessary to meet the maximum allowable effluent TRC level.
4. The sample collection point for effluent TRC shall be at a point downstream of the chlorine contact chamber (downstream of dechlorination if applicable). The exact location is to be approved by the Director.

D. PLANT CLASSIFICATION

The Permittee shall report to the Director within 30 days of the effective date of this permit, the name, address and operator number of the certified wastewater operator in responsible charge of the facility. Unless specified elsewhere in this permit, this facility shall be classified in accordance with ADEM Admin. Code R. 335-10-1-.03.

E. SANITARY SEWER OVERFLOW RESPONSE PLAN

1. SSO Response Plan

Within 120 days of the effective date of this Permit, the Permittee shall develop a Sanitary Sewer Overflow (SSO) Response Plan to establish timely and effective methods for responding to notifiable sanitary sewer overflows. The SSO Response Plan shall address each of the following:

a. General Information:

- (1) Approximate population of City/Town, if applicable
- (2) Approximate number of customers served by the Permittee
- (3) Identification of any subbasins designated by the Permittee, if applicable
- (4) Identification of estimated linear feet of sanitary sewers
- (5) Number of Pump/Lift Stations in the collection system

b. Responsibility Information:

- (1) The title(s) and contact information of key position(s) who will coordinate the SSO response, including information for a backup coordinator in the event that the primary SSO coordinator is unavailable. The SSO coordinator is the person responsible for assessing the SSO and initiating a series of response actions based on the type, severity, and destination of the SSO, except for routine SSOs for which the coordinator may pre-approve written procedures. Routine SSOs are those for which the corrective action procedures are generally consistent.
- (2) The title(s), and contact information of key position(s) who will respond to SSOs, including information for backup responder(s) in the event the primary responder(s) are unavailable (i.e., position(s) who provide notification to the Department, the public, the county health department, and other affected entities such as public water systems; position(s) responsible for organizing crews for response; position(s) responsible for addressing public inquiries)

c. SSO and Surface Water Assessment

- (1) Identification of locations within the collection system at which an SSO is likely to occur (e.g., based upon historical SSOs, lift stations where electricity may be lost, etc.)
- (2) A map of the general collection system area, including identification of surface waterbodies and the location(s) of public drinking water source(s). Mapping of all collection system piping, pump stations, etc. is not required; however, if this information is already available, it should be included.
- (3) Identification of surface waterbodies within the collection system area which are classified as Swimming according to ADEM Admin. Code chap. 335-6-11. References available to assist in this requirement include: <http://www.adem.state.al.us/alEnviroRegLaws/files/Division6Voll.pdf> and http://gis.adem.alabama.gov/ADEM_Dash/use_class/index.html
- (4) Identification of surface waterbodies within the collection system area which are not classified as Swimming as indicated in paragraph c above, but are known locally as areas where swimming occurs or as areas that are heavily recreated

d. Public Reporting of SSOs

- (1) Contact information for the public to report an SSO to the Permittee, during both normal and outside of normal business hours (e.g., telephone number, website, email address, etc.)

- (2) Information requested from the person reporting an SSO to assist the Permittee in identifying the SSO (e.g., date, time, location, contact information)
 - (3) Procedures for communication of the SSO report to the appropriate positions for follow-up investigation and response, if necessary
 - e. Procedures to immediately notify the Department, the county health department, and other affected entities (such as public water systems) upon becoming aware of notifiable SSOs
 - f. Public Notification Methods for SSOs
 - (1) A listing of methods that are feasible, as determined by the Permittee, for public notifications (e.g., flyers distributed to nearby residents; signs posted at the location of the SSO, where the SSO enters a water of the state, and/or at a central public location; signs posted at fishing piers, boat launches, parks, swimming waterbodies, etc.; website and/or social media notifications; local print or radio and broadcast media notifications; "opt in" email, text message, or automated phone message notifications)
 - (a) If signage is a feasible method for public notification, procedures for use and removal of signage (e.g., availability and maintenance of signs, appropriate duration of postings)
 - (2) Minimum information to be included in public notifications (e.g., identification that an SSO has occurred, date, duration if known, estimated volume if known, location of the SSO by street address or other appropriate method, initial destination of the SSO)
 - (3) Procedures developed by the Permittee for determining the appropriate public notification method(s) based upon the potential for public exposure to health risks associated with the SSO
 - g. Standard Procedures shall be developed by the Permittee and shall include, at a minimum:
 - (1) General SSO Response Procedures (e.g., procedures for dispatching staff to assess/correct an SSO; procedures for routine SSO corrective actions such as those for sewer blockages, overflowing manholes, line breakages, pump station power failure, etc.; procedures for disinfection of affected area, if applicable);
 - (2) Procedures for collection and proper disposal of the SSO, if feasible.
 - (3) General procedures for coordinating instream water quality monitoring, including, but not limited to, procedures for mobilizing staff, collecting samples, and typical test methods should the Department or the Permittee determine monitoring is appropriate following an SSO. Identification of a contractor who will collect and analyze the sample(s) may be listed in lieu of the procedures.
 - (4) References to other documents (such as Standard Operating Procedures for SSO Responses) may be acceptable for this section; however, the referenced document shall be identified and shall be reviewed at a frequency of at least that required by the Administrative Procedures Section.
 - h. Date of the SSO Response Plan, dates of all modifications and/or reviews, the title and signature of the reviewer(s) for each date and the signature of the responsible official or the appropriate designee.
2. SSO Response Plan Implementation

Except as otherwise required by this Permit, the Permittee shall fully implement the SSO Response Plan as soon as practicable, but no later than 180 days after the effective date of this Permit.
3. Department Review of the SSO Response Plan
 - a. When requested by the Director or his designee, the Permittee shall make the SSO Response Plan available for review by the Department.
 - b. Upon review, the Director or his designee may notify the Permittee that the SSO Response Plan is deficient and require modification of the Plan.
 - c. Within thirty days of receipt of notification, or an alternate timeframe as approved by the Department, the Permittee shall modify any SSO Response Plan deficiency identified by the Director or his designee and shall certify to the Department that the modification has been made.
4. SSO Response Plan Administrative Procedures

- a. The Permittee shall maintain a copy of the SSO Response Plan at the permitted facility or an alternate location approved by the Department in writing and shall make it available for inspection by the Department.
- b. The Permittee shall make a copy of the SSO Response Plan available to the public upon written request within 30 days of such request. The Permittee may redact information which may present security issues, such as location of public water supplies, identification of specific details of vulnerabilities, employee information, etc.
- c. The Permittee shall provide training for any personnel required to implement the SSO Response Plan and shall retain at the facility documentation of such training. This documentation shall be available for inspection by the Department. Training shall be provided for existing personnel prior to the date by which implementation of the SSO Response Plan is required and for new personnel as soon as possible. Should significant revisions be made to the SSO Response Plan, training regarding the revisions shall be conducted as soon as possible.
- d. The Permittee shall complete a review and evaluation of the SSO Response Plan at least once every three years. Documentation of the SSO Response Plan review and evaluation shall be signed and dated by the responsible official or the appropriate designee as part of the SSO Response Plan.

NPDES PERMIT RATIONALE

NPDES Permit No: **AL0067181** Date: September 16, 2019

Permit Applicant: City of Clio
Post Office Box 219
Clio, Alabama 36017

Location: Clio Lagoon
Alex Shipman Road
Clio, Alabama 36017
Barbour County

Draft Permit is: Initial Issuance:
Reissuance due to expiration:
Modification of existing permit:
Revocation and Reissuance:

Basis for Limitations: Water Quality Model: CBOD₅, NH₃N, and DO
Reissuance with no modification: All parameters except E. coli
Instream calculation at 7Q10: IWC ≈ 8%
Toxicity based: TRC
Secondary Treatment Levels: CBOD₅ Percent Removal
Other (described below): E. coli, pH, Mercury, TSS, and TSS Percent Removal

Design Flow in Million Gallons per Day: 0.4 MGD

Major: No

Description of Discharge: Outfall Number 0011; Effluent discharge to the Pea River, which is classified as Fish and Wildlife (F&W).

Discussion: This is a permit reissuance due to permit expiration. This discharge limits for Five Day Carbonaceous Biochemical Oxygen Demand (CBOD₅), Total Ammonia Nitrogen (NH₃N), and Dissolved Oxygen (DO) were developed by the Municipal Section based on a Waste Load Allocation (WLA) model performed by the Department's Water Quality Branch on May 5, 2014.

The monthly average limits for CBOD₅ and NH₃N are 11.0 mg/L and 3.0 mg/L, respectively. In this proposed permit, the daily minimum Dissolved Oxygen (DO) limit is 6.0 mg/L.

The pH limits were developed in accordance with the Water-Use designation of the receiving stream and the Municipal Section's Permit Development Guidance. The daily minimum and maximum pH limits are 6.0 s.u. and 9.0 s.u., respectively.

The monthly average Total Suspended Solids (TSS) limit is established at 90.0 mg/L in accordance with ADEM's Permit Development Rationale and 40 CFR 133.105. Minimum percent removal limits of 65 percent and 85 percent are being imposed on TSS and CBOD₅ respectively, in accordance with 40 CFR 133.105 and 40 CFR 133.102, respectively.

Because this is a minor facility (design capacity less than 1 MGD) treating only domestic wastewater with no industrial wastewater contributions, no potential toxicity concerns are anticipated and thus there is no need to impose chronic and acute bioassay testing under this permit.

The receiving stream is the Pea River and it is a Tier I stream. The previous permit indicated that the receiving stream was impaired for mercury and the Permit required monitoring for mercury. This particular segment of the Pea River is not listed on the current 303 (d) list because this segment was delisted in 2016 due to a use classification change, and the current fish consumption advisory issued by the Alabama Department of Public Health (ADPH) for sections of the Pea River is no longer applicable to this waterbody segment. However, the Department completed Reasonable Potential Analysis (RPA) of the Mercury data from the Permittee's Discharge Monitoring Reports. The RPA indicated whether any pollutants in the treated effluent have the potential to contribute to excursions of Alabama's in-stream water quality standards. The RPA was based on a 7Q10 of 8.16 cfs, a mean annual flow of 421.85 cfs, and a hardness of 16.625 mg/L. The RPA indicated that Total Recoverable Mercury in the treated effluent still may contribute to excursions of Alabama's in-stream water quality standards. Therefore, Mercury will have monthly average and daily maximum limits of 0.17 µg/L and 26.1 µg/L. The monitoring frequency is quarterly testing. There are no State of Alabama TMDL affecting this discharge point at this time.

This permit imposes monthly monitoring during the summer season (April through October) for the following nutrient-related parameters: Total Kjeldahl Nitrogen, Total Phosphorus, and Nitrate plus Nitrite (NO₂ + NO₃). Monitoring for these nutrient-related parameters are being imposed so that sufficient information will be available regarding the nutrient contribution from this point source should it be necessary at some later time to impose nutrient limits on this discharge.

The Department revised bacteriological criteria in ADEM Administrative Code R.335-6-10-.09. As a result, this permit includes E. coli limits and seasons that are consistent with the revised regulations. The imposed E. coli limits were determined based on the water-use classification of the receiving stream. Since the Pea River is classified as Fish & Wildlife, the E. coli limits for summer (May through October) are 126 col/100 mL (monthly average) and 298 col/100 mL (daily maximum), while the limits for the winter (November through April) are 548 col/ 100 mL (monthly average) and 2507 col/100 mL (daily maximum).

The monthly average and daily maximum limits of 0.156 mg/L and 0.270 mg/L, respectively, for Total Residual Chlorine (TRC) are being imposed in this permit. The TRC limits were developed based on EPA suggested Water Quality (WQ) criteria which considers the available dilution in the receiving stream. If monitoring is not applicable during the monitoring period, enter *9 on the monthly DMR.

The monitoring frequency for most parameters is two days per month. The monitoring frequency for nutrient-related parameters is once per month during the summer season (April – October). Flow is to be monitored continuously. The reporting frequency for percent removals of TSS and CBOD₅ is monthly.

ADEM Administrative Rule 335-6-10-.12 requires applicants to 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 for a new or expanded discharge to a Tier II, so the applicant is not required to demonstrate that the discharge is necessary for economic and social development.

Prepared by: Torbert

TOXICITY AND DISINFECTION RATIONALE

Facility Name:	Clio Lagoon	
NPDES Permit Number:	AL0067181	
Receiving Stream:	Pea River	
Facility Design Flow (Qw):	0.400 MGD	
Receiving Stream 7Q10:	8.160 cfs	
Receiving Stream 1Q10:	6.120 cfs	(Estimated at 0.75 * 7Q10)
Winter Headwater Flow (WHF):	19.76 cfs	
Summer Temperature for CCC:	30 deg. Celsius	
Winter Temperature for CCC:	30 deg. Celsius	
Headwater Background NH3-N Level:	0.11 mg/l	
Receiving Stream pH:	7.0 s.u.	
Headwater Background FC Level (summer):	N./A.	(Only applicable for facilities with diffusers.)
(winter):	N./A.	

The Stream Dilution Ratio (SDR) is calculated using the 7Q10 for all stream classifications.

$$\text{Stream Dilution Ratio (SDR)} = \frac{Q_w}{7Q_{10} + Q_w} = 7.05\%$$

AMMONIA TOXICITY LIMITATIONS

Toxicity-based ammonia limits are calculated in accordance with the Ammonia Toxicity Protocol and the General Guidance for *Writing Water Quality Based Toxicity Permits*.

If the Limiting Dilution is less than 1%, the waterbody is considered stream-dominated and the CMC applies.

If the Limiting Dilution is greater than 1%, the waterbody is considered effluent-dominated and the CCC applies.

$$\begin{aligned} \text{Limiting Dilution} &= \frac{Q_w}{7Q_{10} + Q_w} \\ &= 7.05\% \quad \text{Effluent-Dominated, CCC Applies} \end{aligned}$$

Criterion Maximum Concentration (CMC): $CMC = 0.411 / (1 + 10^{(7.204 - pH)}) + 58.4 / (1 + 10^{(pH - 7.204)})$

Criterion Continuous Concentration (CCC): $CCC = [0.0577 / (1 + 10^{(7.688 - pH)}) + 2.487 / (1 + 10^{(pH - 7.688)})] * \text{Min}[2.85, 1.45 * 10^{(0.028 * (25 - T))}]$

	<u>CMC</u>	<u>CCC</u>
Allowable Summer Instream NH3-N:	36.09 mg/l	2.18 mg/l
Allowable Winter Instream NH3-N:	36.09 mg/l	2.18 mg/l

$$\begin{aligned} \text{Summer NH3-N Toxicity Limit} &= \frac{[(\text{Allowable Instream NH3-N}) * (7Q_{10} + Q_w)] - [(\text{Headwater NH3-N}) * (7Q_{10})]}{Q_w} \\ &= 29.5 \text{ mg/l NH3-N at 7Q10} \end{aligned}$$

$$\begin{aligned} \text{Winter NH3-N Toxicity Limit} &= \frac{[(\text{Allowable Instream NH3-N}) * (\text{WHF} + Q_w)] - [(\text{Headwater NH3-N}) * (\text{WHF})]}{Q_w} \\ &= \text{N./A.} \end{aligned}$$

The ammonia limits established in the permit will be the lesser of the DO-based ammonia limit (from the wasteload allocation model) or the toxicity limits calculated above.

	<u>DO-based NH3-N limit</u>	<u>Toxicity-based NH3-N limit</u>
Summer	3.00 mg/l NH3-N	29.50 mg/l NH3-N
Winter	N./A.	N./A.

Summer: The DO based limit of 3.00 mg/l NH3-N applies.

Winter limits are not applicable.

TOXICITY TESTING REQUIREMENTS (REFERENCE: MUNICIPAL BRANCH TOXICITY PERMITTING STRATEGY)

The following factors trigger toxicity testing requirements:

1. Facility design flow is equal to or greater than 1.0 MGD (major facility).
2. There are significant industrial contributors (SID permits).

Acute toxicity testing is specified for A&I receiving streams, or for stream dilution ratios of 1% or less.
 Chronic toxicity testing is specified for all other situations requiring toxicity testing.

This is a minor facility (Qw < 1.0 MGD) with no SID permits. No toxicity testing is required.

Instream Waste Concentration (IWC) = $\frac{Q_w}{7Q_{10} + Q_w}$ = **7.05%** Note: This number will be rounded up for toxicity testing purposes.

DISINFECTION REQUIREMENTS

Bacteria limits are required, and will be the water quality limit for the receiving stream, except where diffusers are used the limit may be adjusted for the dilution provided by the diffuser.

See the attached Disinfection Guidance for applicable stream standards.

(Non-coastal limits apply)
 Applicable Stream Classification: **Fish & Wildlife**
 Disinfection Type: **Chlorination**
 Limit calculation method: **Limits based on meeting stream standards at the point of discharge.**

	Stream Standard (colonies/100ml)	Effluent Limit (colonies/100ml)
<u>E. Coli (applies to Non-coastal and Shellfish Harvesting Coastal)</u>		
Monthly limit as monthly average (November through April):	548	548
Monthly limit as monthly average (May through October):	126	126
Daily Max (November through April):	2507	2507
Daily Max (May through October):	298	298
<u>Enterococci (applies to Coastal)</u>		
Monthly limit as geometric mean (November through April):	Not applicable	Not applicable
Monthly limit as geometric mean (May through October):	Not applicable	Not applicable
Daily Max (November through April):	Not applicable	Not applicable
Daily Max (May through October):	Not applicable	Not applicable

MAXIMUM ALLOWABLE CHLORINATION LIMITS

Toxicity-based chlorine limits are calculated in accordance with the General Guidance for Writing Water Quality Based Toxicity Permits.

Chlorine has been shown to be acutely toxic at 0.019 mg/l and chronically toxic at 0.011 mg/l.

Maximum allowable TRC in effluent:	0.156 mg/l (chronic)	(0.011)/(SDR)
Maximum allowable TRC in effluent:	0.270 mg/l (acute)	(0.019)/(SDR)

NOTE: A maximum chlorine limit will be imposed such that the instream concentration will not exceed acutely toxic concentrations in A & I streams and chronically toxic concentrations in all other streams, but may not exceed 1.0 mg/l.

Prepared By: Shanda Torbert Date: 6/14/2019

$$Q_d \cdot C_d + Q_{d2} \cdot C_{d2} + Q_s \cdot C_s = Q_r \cdot C_r$$

ID	Pollutant	Carcinogen Yes	Type	Background from upstream source (C _{u1}) Daily Max µg/l	Background from upstream source (C _{u2}) Monthly Ave µg/l	Background In-stream (C _i) Daily Max µg/l	Background In-stream (C _i) Monthly Ave µg/l	Enter Max Daily Discharge as reported by Applicant (C _d) Max µg/l	Enter Avg Daily Discharge as reported by Applicant (C _d) Ave µg/l	Partition Coefficient (Stream / Lake)
1	Antimony		Metals	0	0	0	0	0	0	
2	Arsenic**	YES	Metals	0	0	0	0	0	0	0.574
3	Beryllium		Metals	0	0	0	0	0	0	
4	Cadmium**		Metals	0	0	0	0	0	0	0.236
5	Chromium / Chromium III**		Metals	0	0	0	0	0	0	0.210
6	Chromium / Chromium VI**		Metals	0	0	0	0	0	0	
7	Copper**		Metals	0	0	0	0	0	0	0.388
8	Lead**		Metals	0	0	0	0	0	0	0.206
9	Mercury**		Metals	0	0	0	0	4.93	0.67132	
10	Nickel**		Metals	0	0	0	0	0	0	0.505
11	Selenium		Metals	0	0	0	0	0	0	
12	Silver		Metals	0	0	0	0	0	0	
13	Thallium		Metals	0	0	0	0	0	0	
14	Zinc**		Metals	0	0	0	0	0	0	0.330
15	Cyanide		Metals	0	0	0	0	0	0	
16	Total Phenolic Compounds		Metals	0	0	0	0	0	0	
17	Hardness (As CaCO3)		Metals	0	0	0	0	0	0	
18	Acrolein		VOC	0	0	0	0	0	0	
19	Acrylonitrile*	YES	VOC	0	0	0	0	0	0	
20	Aldrin	YES	VOC	0	0	0	0	0	0	
21	Benzene*	YES	VOC	0	0	0	0	0	0	
22	Bromoforn*	YES	VOC	0	0	0	0	0	0	
23	Carbon Tetrachloride*	YES	VOC	0	0	0	0	0	0	
24	Chlordane	YES	VOC	0	0	0	0	0	0	
25	Chlorobenzene	YES	VOC	0	0	0	0	0	0	
26	Chlorodibromo-Methane*	YES	VOC	0	0	0	0	0	0	
27	Chloroethane		VOC	0	0	0	0	0	0	
28	1,1-Dichloroethane	YES	VOC	0	0	0	0	0	0	
29	Chloroform*	YES	VOC	0	0	0	0	0	0	
30	4,4'-DDD	YES	VOC	0	0	0	0	0	0	
31	4,4'-DDE	YES	VOC	0	0	0	0	0	0	
32	4,4'-DDT	YES	VOC	0	0	0	0	0	0	
33	Dichlorobromo-Methane*	YES	VOC	0	0	0	0	0	0	
34	1,1-Dichloroethane	YES	VOC	0	0	0	0	0	0	
35	1,2-Dichloroethane*	YES	VOC	0	0	0	0	0	0	
36	Trans-1,2-Dichloro-Ethylene		VOC	0	0	0	0	0	0	
37	1,1-Dichloroethylene*	YES	VOC	0	0	0	0	0	0	
38	1,2-Dichloropropane		VOC	0	0	0	0	0	0	
39	1,3-Dichloro-Propylene		VOC	0	0	0	0	0	0	
40	Dieldrin	YES	VOC	0	0	0	0	0	0	
41	Ethylbenzene		VOC	0	0	0	0	0	0	
42	Methyl Bromide		VOC	0	0	0	0	0	0	
43	Methyl Chloride		VOC	0	0	0	0	0	0	
44	Methylene Chloride*	YES	VOC	0	0	0	0	0	0	
45	1,1,1,2-Tetrachloro-Ethane*	YES	VOC	0	0	0	0	0	0	
46	Tetrachloro-Ethylene*	YES	VOC	0	0	0	0	0	0	
47	Toluene		VOC	0	0	0	0	0	0	
48	Toxaphene	YES	VOC	0	0	0	0	0	0	
49	Tributyltin (TBT)	YES	VOC	0	0	0	0	0	0	
50	1,1,1-Trichloroethane		VOC	0	0	0	0	0	0	
51	1,1,2-Trichloroethane*	YES	VOC	0	0	0	0	0	0	
52	Trichloroethylene*	YES	VOC	0	0	0	0	0	0	
53	Vinyl Chloride*	YES	VOC	0	0	0	0	0	0	
54	o-Chloro-m-Cresol		Acids	0	0	0	0	0	0	
55	2-Chlorophenol		Acids	0	0	0	0	0	0	
56	2,4-Dichlorophenol		Acids	0	0	0	0	0	0	
57	2,4-Dimethylphenol		Acids	0	0	0	0	0	0	
58	4,6-Dinitro-O-Cresol		Acids	0	0	0	0	0	0	
59	2,4-Dinitrophenol		Acids	0	0	0	0	0	0	
60	4,6-Dinitro-2-methylphenol	YES	Acids	0	0	0	0	0	0	
61	Dioxin (2,3,7,8-TCDD)	YES	Acids	0	0	0	0	0	0	
62	2-Nitrophenol		Acids	0	0	0	0	0	0	
63	4-Nitrophenol		Acids	0	0	0	0	0	0	
64	Pentachlorophenol*	YES	Acids	0	0	0	0	0	0	
65	Phenol		Acids	0	0	0	0	0	0	
66	2,4,6-Trichlorophenol*	YES	Acids	0	0	0	0	0	0	
67	Acenaphthene		Bases	0	0	0	0	0	0	
68	Acenaphthylene		Bases	0	0	0	0	0	0	
69	Anthracene		Bases	0	0	0	0	0	0	
70	Benzidine		Bases	0	0	0	0	0	0	
71	Benzo(A)Anthracene*	YES	Bases	0	0	0	0	0	0	
72	Benzo(A)Pyrene	YES	Bases	0	0	0	0	0	0	
73	2,4-Benzofluoranthene		Bases	0	0	0	0	0	0	
74	Benzo(GH)Perylene		Bases	0	0	0	0	0	0	
75	Benzo(K)Fluoranthene		Bases	0	0	0	0	0	0	
76	Bis (2-Chloroethoxy) Methane		Bases	0	0	0	0	0	0	
77	Bis (2-Chloroethyl)-Ether*	YES	Bases	0	0	0	0	0	0	
78	Bis (2-Chloroiso-Propyl) Ether		Bases	0	0	0	0	0	0	
79	Bis (2-Ethylhexyl) Phthalate*	YES	Bases	0	0	0	0	0	0	
80	4-Bromophenyl Phenyl Ether		Bases	0	0	0	0	0	0	
81	Butyl Benzyl Phthalate		Bases	0	0	0	0	0	0	
82	2-Chloronaphthalene		Bases	0	0	0	0	0	0	
83	4-Chlorophenyl Phenyl Ether		Bases	0	0	0	0	0	0	
84	Chrysene*	YES	Bases	0	0	0	0	0	0	
85	D-N-Butyl Phthalate		Bases	0	0	0	0	0	0	
86	D-N-Octyl Phthalate		Bases	0	0	0	0	0	0	
87	Dibenzo(A,H)Anthracene*	YES	Bases	0	0	0	0	0	0	
88	1,2-Dichlorobenzene		Bases	0	0	0	0	0	0	
89	1,3-Dichlorobenzene		Bases	0	0	0	0	0	0	
90	1,4-Dichlorobenzene		Bases	0	0	0	0	0	0	
91	2,3-Dichlorobenzidine*	YES	Bases	0	0	0	0	0	0	
92	Diethyl Phthalate		Bases	0	0	0	0	0	0	
93	Dimethyl Phthalate		Bases	0	0	0	0	0	0	
94	2,4-Dinitrotoluene*	YES	Bases	0	0	0	0	0	0	
95	2,6-Dinitrotoluene		Bases	0	0	0	0	0	0	
96	1,2-Diphenylhydrazine		Bases	0	0	0	0	0	0	
97	Endosulfan (alpha)	YES	Bases	0	0	0	0	0	0	
98	Endosulfan (beta)	YES	Bases	0	0	0	0	0	0	
99	Endosulfan sulfate	YES	Bases	0	0	0	0	0	0	
100	Endrin	YES	Bases	0	0	0	0	0	0	
101	Endrin Aldehyde	YES	Bases	0	0	0	0	0	0	
102	Fluoranthene		Bases	0	0	0	0	0	0	
103	Fluorene		Bases	0	0	0	0	0	0	
104	Heptachlor	YES	Bases	0	0	0	0	0	0	
105	Heptachlor Epoxide	YES	Bases	0	0	0	0	0	0	
106	Hexachlorobenzene*	YES	Bases	0	0	0	0	0	0	
107	Hexachlorobutadiene*	YES	Bases	0	0	0	0	0	0	
108	Hexachlorocyclohexan (alpha)	YES	Bases	0	0	0	0	0	0	
109	Hexachlorocyclohexan (beta)	YES	Bases	0	0	0	0	0	0	
110	Hexachlorocyclohexan (gamma)	YES	Bases	0	0	0	0	0	0	
111	Hexachlorocyclopentadiene		Bases	0	0	0	0	0	0	
112	Hexachloroethane		Bases	0	0	0	0	0	0	
113	Indeno(1,2,3-CD)Pyrene*	YES	Bases	0	0	0	0	0	0	
114	Isophorone		Bases	0	0	0	0	0	0	
115	Naphthalene		Bases	0	0	0	0	0	0	
116	Nitrobenzene		Bases	0	0	0	0	0	0	
117	N-Nitrosodi-N-Propylamine*	YES	Bases	0	0	0	0	0	0	
118	N-Nitrosodi-N-Methylamine*	YES	Bases	0	0	0	0	0	0	
119	N-Nitrosodi-N-Phenylamine*	YES	Bases	0	0	0	0	0	0	
120	PCB-1016	YES	Bases	0	0	0	0	0	0	
121	PCB-1221	YES	Bases	0	0	0	0	0	0	
122	PCB-1232	YES	Bases	0	0	0	0	0	0	
123	PCB-1242	YES	Bases	0	0	0	0	0	0	
124	PCB-1248	YES	Bases	0	0	0	0	0	0	
125	PCB-1254	YES	Bases	0	0	0	0	0	0	
126	PCB-1260	YES	Bases	0	0	0	0	0	0	
127	Phenanthrene		Bases	0	0	0	0	0	0	
128	Pyrene		Bases	0	0	0	0	0	0	
129	1,2,4-Trichlorobenzene		Bases	0	0	0	0	0	0	

0.4	Enter C _s = wastewater discharge flow from facility (MGD)
0.6189916	Q _s = wastewater discharge flow (cfs) (this value is calculated from the MGD)
0	Enter flow from upstream discharge Q _{d2} = background stream flow in MGD above point of discharge
0	Q _{d2} = background stream flow from upstream source (cfs)
8.16	Enter 7Q10, Q _s = background stream flow in cfs above point of discharge
6.12	Enter or estimated, 1Q10, Q _s = background stream flow in cfs above point of discharge (1Q10 estimated at 75% of 7Q10)
421.85	Enter Mean Annual Flow, Q _s = background stream flow in cfs above point of discharge
19.76	Enter 7Q2, Q _s = background stream flow in cfs above point of discharge (For LWF class streams)
Enter to Left	Enter C _s = background in-stream pollutant concentration in µg/l (assuming this is zero "0" unless there is data)
Q _s + Q _{d2} - Q _d	Q _r = resultant in-stream flow, after discharge
Calculated on other	C _s = resultant in-stream pollutant concentration in µg/l in the stream (after complete mixing occurs)
16.625	Enter, Background Hardness above point of discharge (assumed 50 South of Birmingham and 100 North of Birmingham)
7.00 s.u.	Enter, Background pH above point of discharge
YES	Enter, Is discharge to a stream? YES Other option would be to a Lake. (This changes the partition coefficients for the metals)

** Using Partition Coefficients

March 16, 2020

Freshwater F&W Classification				Freshwater Acute (µg/l) C _a = 10:10				Freshwater Chronic (µg/l) C _c = 70:10				Human Health Consumption Fish only (µg/l)							
ID	Pollutant	RP?	Carcinogen Yes	Background from upstream source (Gd2) Daily Max	Max Daily Discharge as reported by Applicant (C _{max})	Water Quality Criteria (C _a)	Draft Permit Limit (C _{max})	20% of Draft Permit Limit	RP?	Background from upstream source (Gd2) Monthly Ave	Avg Daily Discharge as reported by Applicant (C _{ave})	Water Quality Criteria (C _c)	Draft Permit Limit (C _{ave})	20% of Draft Permit Limit	RP?	Water Quality Criteria (C _c)	Draft Permit Limit (C _{ave})	20% of Draft Permit Limit	RP?
1	Antimony			0	0				No	0						3.73E+02	5.30E+03	1.06E+03	No
2	Arsenic		YES	0	0	562.334	6449.721	1289.944	No	0	0	261.324	3706.845	741.389	No	3.03E-01	2.07E+02	4.14E+01	No
3	Beryllium			0	0				No	0	0								-
4	Cadmium			0	0	1.486	16.185	3.237	No	0	0	0.259	4.236	0.847	No				-
5	Chromium Chromium III			0	0	624.136	6795.994	1359.199	No	0	0	81.187	1151.630	230.326	No				-
6	Chromium Chromium VI			0	0	10.000	174.218	34.844	No	0	0	11.000	156.033	31.207	No				-
7	Copper			0	0	6.388	69.553	13.911	No	0	0	4.562	70.570	14.134	No				-
8	Lead			0	0	62.491	682.665	92.533	No	0	0	1.656	23.487	4.697	No				-
9	Mercury	YES		0	4.93	2.400	26.133	5.227	No	0.67132	0.012	0.170	0.034	Yes	4.24E-02	6.02E-01	1.20E-01	Yes	
10	Nickel			0	0	203.206	2212.644	442.526	No	0	0	22.570	320.152	64.030	No	9.93E-02	1.41E+04	2.82E+03	No
11	Selenium			0	0	20.000	217.773	43.555	No	0	0	5.000	70.924	14.185	No	2.45E+03	3.45E+04	6.90E+03	No
12	Silver			0	0	0.147	1.600	0.320	No	0	0								-
13	Thallium			0	0				No	0	0								-
14	Zinc			0	0	77.841	845.408	169.082	No	0	0	78.276	1110.339	222.068	No	1.49E+04	2.11E+05	4.23E+04	No
15	Cyanide			0	0	192.000	239.550	47.910	No	0	0	5.200	73.761	14.752	No	1.33E+03	1.32E+05	2.65E+04	No
16	Total Phenolic Compounds			0	0				No	0	0								-
17	Hardness (As CaCO3)			0	0				No	0	0								-
18	Acrolein			0	0				No	0	0					8.43E+00	7.70E+01	1.54E+01	No
19	Acrylonitrile	YES	YES	0	0				No	0	0					1.44E-01	9.83E-01	1.97E-01	No
20	Aldrin	YES	YES	0	0	3.000	32.666	6.533	No	0	0					2.94E-05	2.01E-02	4.01E-03	No
21	Benzene	YES	YES	0	0				No	0	0					1.66E+01	1.06E+04	2.11E+03	No
22	Bromoterm	YES	YES	0	0				No	0	0					7.88E+01	5.38E+04	1.08E+04	No
23	Carbon Tetrachloride	YES	YES	0	0				No	0	0					9.57E-01	6.53E-02	1.31E-02	No
24	Chlordane	YES	YES	0	0	2.400	26.133	5.227	No	0	0.0043	0.061	0.012	No	4.79E-04	3.23E-01	6.46E-02	No	
25	Chlorobenzene			0	0				No	0	0					9.06E-02	1.29E+04	2.57E+03	No
26	Chlorodibromo-Methane	YES	YES	0	0				No	0	0					7.61E+00	5.06E+03	1.01E+03	No
27	Chloroethane			0	0				No	0	0								-
28	2-Chloro-Ethyl Vinyl Ether			0	0				No	0	0								-
29	Chloroform	YES	YES	0	0				No	0	0					1.02E+02	6.96E+04	1.39E+04	No
30	4,4'- DDD	YES	YES	0	0				No	0	0					1.81E-04	1.24E-01	2.48E-02	No
31	4,4'- DDE	YES	YES	0	0				No	0	0					1.29E-04	8.74E-02	1.75E-02	No
32	4,4'- DDT	YES	YES	0	0				No	0	0					1.28E-04	8.74E-02	1.75E-02	No
33	Dichlorobromo-Methane	YES	YES	0	0				No	0	0.001	0.014	0.003	No	1.00E+00	6.85E+03	1.37E+03	No	
34	1,1-Dichloroethane			0	0				No	0	0					2.14E+01	1.46E+04	2.92E+03	No
35	1,2-Dichloroethane	YES	YES	0	0				No	0	0					5.91E+03	8.36E+04	1.68E+04	No
36	Trans-1,2-Dichloro-Ethylene			0	0				No	0	0					4.17E+03	2.84E+06	5.69E+05	No
37	1,1-Dichloroethylene	YES	YES	0	0				No	0	0					8.46E+00	1.20E+02	2.41E+01	No
38	1,2-Dichloropropane			0	0				No	0	0					1.23E+01	1.74E+02	3.48E+01	No
39	1,3-Dichloro-Propylene			0	0				No	0	0					3.12E-05	2.13E-02	4.26E-03	No
40	Dieldrin	YES	YES	0	0	0.240	2.613	0.523	No	0	0.058	0.794	0.159	No	1.24E+03	1.77E+04	3.53E+03	No	
41	Ethylbenzene			0	0				No	0	0					6.71E+02	1.24E+04	2.47E+03	No
42	Methyl Bromide			0	0				No	0	0					3.46E+02	2.36E+05	4.72E+04	No
43	Methyl Chloride			0	0				No	0	0					2.33E+00	1.59E+03	3.19E+02	No
44	Methylene Chloride	YES	YES	0	0				No	0	0					1.62E+00	1.31E+03	2.62E+02	No
45	1,1,1,2-Tetrachloro-Ethane	YES	YES	0	0				No	0	0.0002	0.003	0.001	No	8.72E+03	1.24E+05	2.47E+04	No	
46	Tetrachloro-Ethylene	YES	YES	0	0				No	0	0.0002	0.003	0.001	No	1.62E+04	1.11E-01	2.21E-02	No	
47	Toluene			0	0	0.730	7.949	1.590	No	0	0								-
48	Toxaphene	YES	YES	0	0	0.490	5.009	1.002	No	0	0.072	1.021	0.204	No					-
49	Tributyltin (TBT)	YES	YES	0	0				No	0	0								-
50	1,1,1-Trichloroethane			0	0				No	0	0					9.10E+00	6.21E+03	1.24E+03	No
51	1,1,1-Trichloroethane	YES	YES	0	0				No	0	0					1.76E+01	1.19E+04	2.39E+03	No
52	Trichloroethylene	YES	YES	0	0				No	0	0					1.42E+00	8.72E+02	1.94E+02	No
53	Vinyl Chloride	YES	YES	0	0				No	0	0					6.71E+01	1.24E+03	2.47E+02	No
54	p-Chloro-m-Cresol			0	0				No	0	0					1.72E+02	2.44E+03	4.88E+02	No
55	2-Chlorophenol			0	0				No	0	0					4.98E+02	7.06E+03	1.41E+03	No
56	2,4-Dichlorophenol			0	0				No	0	0					3.71E+03	4.41E+04	8.83E+03	No
57	2,4-Dimethylphenol			0	0				No	0	0					2.85E+02	1.13E+06	2.26E+04	No
58	4,6-Dinitro-o-Cresol			0	0				No	0	0					2.67E+06	1.82E+05	3.64E+06	No
59	2,4-Dinitrophenol			0	0				No	0	0								-
60	4,6-Dinitro-2-methylphenol	YES	YES	0	0				No	0	0								-
61	Dioxin (2,3,7,8-TCDD)	YES	YES	0	0				No	0	0								-
62	2-Nitrophenol			0	0				No	0	0								-
63	4-Nitrophenol			0	0				No	0	0								-
64	Pentachlorophenol	YES	YES	0	0	6.725	94.965	18.997	No	0	6.693	94.933	18.987	No	1.77E+00	1.21E+03	2.41E+02	No	
65	Phenol			0	0				No	0	0					5.00E+05	7.09E+06	1.42E+06	No
66	2,4,6-Trichlorophenol	YES	YES	0	0				No	0	0					1.41E+00	9.65E+02	1.93E+02	No
67	Acephenanthrene			0	0				No	0	0					5.79E+02	8.21E+03	1.64E+03	No
68	Acephenanthrene			0	0				No	0	0								-
69	Anthracene			0	0				No	0	0					2.33E+04	3.31E+05	6.62E+04	No
70	Benzidine			0	0				No	0	0					1.16E+04	1.64E+03	3.29E+04	No
71	Benzo(A)Anthracene	YES	YES	0	0				No	0	0					1.07E+02	7.27E+00	1.45E+00	No
72	Benzo(A)Pyrene	YES	YES	0	0				No	0	0					1.07E+02	7.27E+00	1.45E+00	No
73	Benzo(B)fluoranthene			0	0				No	0	0					1.07E+02	1.51E-01	3.02E-02	No
74	Benzo(G)fluoranthene			0	0				No	0	0								-
75	Benzo(K)fluoranthene			0	0				No	0	0								-
76	Bis (2-Chloroethyl) Methane			0	0				No	0	0					1.07E+02	1.51E-01	3.02E-02	No
77	Bis (2-Chloroethyl) Ether	YES	YES	0	0				No	0	0					3.07E-01	2.10E+02	4.20E+01	No
78	Bis (2-Chloroisopropyl) Ether			0	0				No	0	0					3.78E+04	5.38E+06	1.07E+06	No
79	Bis (2-Ethylhexyl) Phthalate	YES	YES	0	0				No	0	0					1.76E+02	8.73E+02	1.75E+02	No
80	4-Bromophenyl Phenyl Ether			0	0				No	0	0								-
81	Butyl Benzyl Phthalate			0	0				No	0	0					1.13E+03	1.60E+04	3.20E+03	No
82	2-Chloronaphthalene			0	0				No	0	0					9.24E+02	1.31E+04	2.62E+03	No
83	4-Chlorophenyl Phenyl Ether	YES	YES	0	0				No	0	0					1.07E+02	7.27E+00	1.45E+00	No
84	Chrysene			0	0				No	0	0					2.62E+03	3.72E+04	7.44E+03	No
85	Di-N-Butyl Phthalate			0	0				No	0	0								-
86	Di-N-Octyl Phthalate			0	0				No	0	0								-
87	Dibenzo(A,H)Anthracene	YES	YES	0	0				No	0	0					1.07E+02	7.27E+00	1.45E+00	No
88	1,2-Dichlorobenzene			0	0				No	0	0					7.55E+02	1.07E+04	2.14E+03	No
89	1,3-Dichlorobenzene			0	0				No	0	0					9.62E+			

Permit Number: AL0067181

Monitoring Point: 001Q

Stage: Effluent Gross Value

Parameter Name: Total Recoverable Mercury

Parameter Code: 71901

Monitoring Period	Monthly Average	Daily Maximum	Conc. Unit
October 2014 -December 2014	*E	*E	µg/L
January 2015- March 2015	*E	*E	µg/L
April 2015 - June 2015	*E	*E	µg/L
July 2015 - September 2015	*E	*E	µg/L
October 2015 - December 2015	*E	*E	µg/L
January 2016- March 2016	*E	*E	µg/L
April 2016 - June 2016	*E	*E	µg/L
July 2016 - September 2016	0.0025	0.0025	µg/L
October 2016 - December 2016	4.93	4.93	µg/L
January 2017- March 2017	3.76	3.76	µg/L
April 2017 - June 2017	0.018	0.018	µg/L
July 2017 - September 2017	0.0021	0.0021	µg/L
October 2017 - December 2017	0.00209	0.00209	µg/L
January 2018- March 2018	0.00374	0.00374	µg/L
April 2018 - June 2018	0.00215	0.00215	µg/L
July 2018 - September 2018	0.0021	0.0021	µg/L
October 2018 - December 2018	0.000005	0.000005	µg/L
January 2019- March 2019	0.0000241	0.0000241	µg/L
April 2019- June 2019	0.00313	0.00313	µg/L
July 2019 - September 2019	0.0013	0.0013	µg/L

<i>Average</i>	0.67132		µg/L
<i>Maximum</i>		4.93	µg/L

*E = Analysis Not Conducted/No Sample

Waste Load Allocation Information

Comments included

Yes No

General Information

Information Verified By JBR

Page 1

Receiving Stream Name Pea River Year File Was Created 1993
Previous File Name OR: Local Name (If applicable)
Facility Name Clio Lagoon
Previous Discharger Name Clio Or-AKA (includes previous file name)
11 Digit HUC Code 03140202040
12 Digit HUC Code 031402020401
River Basin Choctawhatchee
County Barbour
Use Classification F&W
Discharge Latitude 31.714
Discharge Longitude -85.70699
Site Visit Completed? Yes No
Date of Site Visit 4/16/2014
Waterbody Impaired? Yes No
Antidegradation Yes No
Waterbody Tier Level Tier I
Use Support Category
Other Point Sources? Yes No

Print Record

Close Form

Date of WLA Response 5/7/2014

Lat/Long Method GPS

Approved TMDL?

Yes No

Approval Date of TMDL

Permit Information

Permit Number AL0067181

Permit Status Active

Sources Included in Model

Type of Discharger

- Municipal
- Industrial
- Semipublic/Private
- Mining

Waste Load Allocation Information

Modeled Reach Length 6.95 Miles

Date of Allocation 5/5/2014

Name of Model Used SWQM

Allocation Type Annual

Model Completed by Justin Rigdon

Type of Model Used Desk-top

Allocation Developed by Water Quality Branch



Annual Effluent Limits	Conventional Parameters				Other Parameters			
	Qw	MGD	Qw	MGD	Qw	MGD	Qw	MGD
Season			Season		Season		Season	
From			From		From		From	
Through			Through		Through		Through	
CBOD5	11	mg/L	CBOD5		mg/L	TP		mg/L
NH3-N	3	mg/L	NH3-N		mg/L	TN		mg/L
TKN		mg/L	TKN		mg/L	TSS		mg/L
D.O.	6	mg/L	D.O.		mg/L			mg/L

"Monitor Only" Parameters for Effluent:		Parameter	Frequency	Parameter	Frequency
		TP	Monthly (April-Oct)		
		TKN	Monthly (April-Oct)		
		NO2+NO3-N	Monthly (April-Oct)		

Water Quality Characteristics Immediately Upstream of Discharge					
Parameter	Summer		Winter		
	CBODu	2	mg/l	2	
NH3-N	0.11	mg/l	0.11	mg/l	
Temperature	30	°C	30	°C	
pH	7	su	7	su	

Hydrology at Discharge Location				Method Used to Calculate	
Drainage Area Qualifier Estimated	Drainage Area	360.96	sq mi	ADEM Estimate w/USGS Gage Data	
	Stream 7Q10	8.16	cfs	75% of 7Q10	
	Stream 1Q10	6.12	cfs	ADEM Estimate w/USGS Gage Data	
	Stream 7Q2	19.76	cfs	ADEM Estimate w/USGS Gage Data	
	Annual Average	421.85	cfs	ADEM Estimate w/USGS Gage Data	

Comments and/or Notations: Segment is impaired for Mercury

FORM 1 GENERAL	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER S AL0067181 F 1 2 13 14 15
LABEL ITEMS	PLEASE PLACE LABEL IN THIS SPACE 	GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.
II. POLLUTANT CHARACTERISTICS		
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.		
	Mark "X"	
SPECIFIC QUESTIONS	YES NO FORM ATTACHED	SPECIFIC QUESTIONS
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	X	B. Does or will this facility (<i>either existing or proposed</i>) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X	D. Is this a proposed facility (<i>other than those described in A or B above</i>) which will result in a discharge to waters of the U.S.? (FORM 2D)
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)
III. NAME OF FACILITY		
c 1 SKIP	Clio Lagoon	
IV. FACILITY CONTACT		
A. NAME & TITLE (<i>last, first, & title</i>)		B. PHONE (<i>area code & no.</i>)
c 2	Hagler, Jeremy, Operator/Superintendent	(334) 397-2723
V. FACILITY MAILING ADDRESS		
A. STREET OR P.O. BOX		
c 3	P.O. Box 219	
B. CITY OR TOWN		C. STATE
c 4	Clio	AL
D. ZIP CODE		36017
VI. FACILITY LOCATION		
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER		
c 5	Alex Shipman Road	
B. COUNTY NAME		
Barbour		
C. CITY OR TOWN		D. STATE
c 6	Clio	AL
E. ZIP CODE		36017
F. COUNTY CODE (<i>if known</i>)		

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)			
A. FIRST		B. SECOND	
C	7	(specify)	
15	16	17	18
C. THIRD		D. FOURTH	
C	7	(specify)	
15	16	17	18

VIII. OPERATOR INFORMATION			
A. NAME			B. Is the name listed in Item VIII-A also the owner?
C	8 City of Clio		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
15	16	17	18
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)			D. PHONE (area code & no.)
F = FEDERAL	M = PUBLIC (other than federal or state)	M (specify)	C
S = STATE	O = OTHER (specify)		A
P = PRIVATE			(334) 397-2723
15	16	17	18

E. STREET OR P.O. BOX	
3311 Elamville St.	
25	26

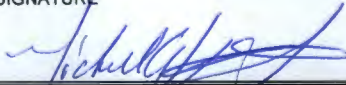
F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND
C	B Clio	AL	36017	Is the facility located on Indian lands?
15	16	17	18	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
C	T	I	
9	N	AL0067181	
15	16	17	18
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
C	T	I	
9	U		(specify)
15	16	17	18
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
C	T	I	
9	R		(specify)
15	16	17	18

XI. MAP
 Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)
 Public Wastewater Treatment Facility

XIII. CERTIFICATION (see instructions)
 I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print) Michelle Knight, Mayor	B. SIGNATURE 	C. DATE SIGNED 3/27/19
--	--	---------------------------

COMMENTS FOR OFFICIAL USE ONLY	
C	
15	16

FACILITY NAME AND PERMIT NUMBER:

AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

BASIC APPLICATION INFORMATION

PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS:

All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.

A.1. Facility Information.

Facility name Clio Lagoon

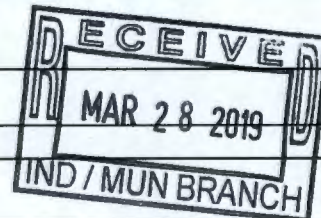
Mailing Address P.O. Box 219, Clio, AL 36017

Contact person Jeremy Hagler

Title Operator/Superintendent

Telephone number (334) 397-2723

Facility Address Alex Shipman Road
(not P.O. Box)



A.2. Applicant Information. If the applicant is different from the above, provide the following:

Applicant name City of Clio

Mailing Address P.O. Box 219 Clio, AL 36017

Contact person Michelle Knight

Title Mayor

Telephone number (334) 397-2723

Is the applicant the owner or operator (or both) of the treatment works?

owner operator

Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.

facility applicant

A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits).

NPDES AL0067181 PSD _____

UIC _____ Other _____

RCRA _____ Other _____

A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

Name	Population Served	Type of Collection System	Ownership
<u>City of Clio</u>	<u>1500</u>	<u>Sanitary Sewer</u>	<u>City of Clio, AL</u>
_____	_____	_____	_____
_____	_____	_____	_____
Total population served <u>1500</u>			

FACILITY NAME AND PERMIT NUMBER:

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A.5. Indian Country.

a. Is the treatment works located in Indian Country?

Yes No

b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country?

Yes No

A.6. Flow. Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal.

a. Design flow rate 0.40 mgd

	<u>Two Years Ago</u>	<u>Last Year</u>	<u>This Year</u>
b. Annual average daily flow rate	<u>0.16</u>	<u>0.22</u>	<u>0.22</u> mgd
c. Maximum daily flow rate	<u>0.31</u>	<u>0.36</u>	<u>0.38</u> mgd

A.7. Collection System. Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each.

Separate sanitary sewer 100.00 %
 Combined storm and sanitary sewer _____ %

A.8. Discharges and Other Disposal Methods.

a. Does the treatment works discharge effluent to waters of the U.S.? Yes No

If yes, list how many of each of the following types of discharge points the treatment works uses:

- i. Discharges of treated effluent 1
- ii. Discharges of untreated or partially treated effluent _____
- iii. Combined sewer overflow points _____
- iv. Constructed emergency overflows (prior to the headworks) _____
- v. Other _____

b. Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.? Yes No

If yes, provide the following for each surface impoundment:

Location: _____
 Annual average daily volume discharged to surface impoundment(s) _____ mgd
 Is discharge continuous or intermittent?

c. Does the treatment works land-apply treated wastewater? Yes No

If yes, provide the following for each land application site:

Location: _____
 Number of acres: _____
 Annual average daily volume applied to site: _____ Mgd
 Is land application continuous or intermittent?

d. Does the treatment works discharge or transport treated or untreated wastewater to another treatment works? Yes No

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If yes, describe the mean(s) by which the wastewater from the treatment works is discharged or transported to the other treatment works (e.g., tank truck, pipe).

If transport is by a party other than the applicant, provide:

Transporter name: _____

Mailing Address: _____

Contact person: _____

Title: _____

Telephone number: _____

For each treatment works that receives this discharge, provide the following:

Name: _____

Mailing Address: _____

Contact person: _____

Title: _____

Telephone number: _____

If known, provide the NPDES permit number of the treatment works that receives this discharge. _____

Provide the average daily flow rate from the treatment works into the receiving facility. _____ mgd

- e. Does the treatment works discharge or dispose of its wastewater in a manner not included in A.8.a through A.8.d above (e.g., underground percolation, well injection)? Yes No

If yes, provide the following for each disposal method:

Description of method (including location and size of site(s) if applicable):

Annual daily volume disposed of by this method: _____

Is disposal through this method _____ continuous or _____ intermittent?

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WASTEWATER DISCHARGES:

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

A.9. Description of Outfall.

- a. Outfall number 0011
 - b. Location Clio, Al 36017
(City or town, if applicable) (Zip Code)
Barbour AL
(County) (State)
31° 42' 49.5" 85° 42' 26"
(Latitude) (Longitude)
 - c. Distance from shore (if applicable) 10.00 ft.
 - d. Depth below surface (if applicable) 5.00 ft.
 - e. Average daily flow rate 0.22 mgd
 - f. Does this outfall have either an intermittent or a periodic discharge?
_____ Yes No (go to A.9.g.)
- If yes, provide the following information:
- Number of times per year discharge occurs: _____
 - Average duration of each discharge: _____
 - Average flow per discharge: _____ mgd
 - Months in which discharge occurs: _____
- g. Is outfall equipped with a diffuser? _____ Yes No

A.10. Description of Receiving Waters.

- a. Name of receiving water Pea River
- b. Name of watershed (if known) _____
United States Soil Conservation Service 14-digit watershed code (if known): _____
- c. Name of State Management/River Basin (if known): Choctawhatchee
United States Geological Survey 8-digit hydrologic cataloging unit code (if known): _____
- d. Critical low flow of receiving stream (if applicable):
acute _____ cfs chronic _____ cfs
- e. Total hardness of receiving stream at critical low flow (if applicable): _____ mg/l of CaCO₃

FACILITY NAME AND PERMIT NUMBER:

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A.11. Description of Treatment.

a. What levels of treatment are provided? Check all that apply.

Primary Secondary
 Advanced Other. Describe: _____

b. Indicate the following removal rates (as applicable):

Design BOD₅ removal or Design CBOD₅ removal 87.00 %
 Design SS removal 70.00 %
 Design P removal _____ %
 Design N removal _____ %
 Other _____ %

c. What type of disinfection is used for the effluent from this outfall? If disinfection varies by season, please describe.

Chlorination

If disinfection is by chlorination, is dechlorination used for this outfall? Yes No

d. Does the treatment plant have post aeration? Yes No

A.12. Effluent Testing Information. All Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three samples and must be no more than four and one-half years apart.

Outfall number: 0011

PARAMETER	MAXIMUM DAILY VALUE		AVERAGE DAILY VALUE		
	Value	Units	Value	Units	Number of Samples
pH (Minimum)	7.15	s.u.			
pH (Maximum)	7.88	s.u.			
Flow Rate	0.38	mgd	0.22	mgd	333.00
Temperature (Winter)	15.30	°C	13.50	°C	
Temperature (Summer)	26.80	°C	26.40	°C	

* For pH please report a minimum and a maximum daily value

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		

CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
BIOCHEMICAL OXYGEN DEMAND (Report one)	BOD-5						
	CBOD-5	8.00	mg/L	4.90	mg/L	6.00	
FECAL COLIFORM		470.00	col/mL	110.30	col/mL	6.00	
TOTAL SUSPENDED SOLIDS (TSS)		16.00	mg/L	6.70	mg/L	6.00	

**END OF PART A.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE**

FACILITY NAME AND PERMIT NUMBER:

AL0067181

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BASIC APPLICATION INFORMATION

PART B. ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).

All applicants with a design flow rate \geq 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).

B.1. Inflow and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.

20,000.00 gpd

Briefly explain any steps underway or planned to minimize inflow and infiltration.

Once treatment facility is upgraded projects to rehab collection system will be done.

B.2. Topographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. This map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show the entire area.)

- a. The area surrounding the treatment plant, including all unit processes.
- b. The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
- c. Each well where wastewater from the treatment plant is injected underground.
- d. Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.
- e. Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
- f. If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.

B.3. Process Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g. chlorination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram.

B.4. Operation/Maintenance Performed by Contractor(s).

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? Yes No

If yes, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional pages if necessary).

Name: _____

Mailing Address: _____

Telephone Number: _____

Responsibilities of Contractor: _____

B.5. Scheduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or uncompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the treatment works has several different implementation schedules or is planning several improvements, submit separate responses to question B.5 for each. (If none, go to question B.6.)

a. List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

0011

b. Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.

Yes No

FACILITY NAME AND PERMIT NUMBER:

AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

c. If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

N/A

d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Implementation Stage	Schedule	Actual Completion
	MM / DD / YYYY	MM / DD / YYYY
- Begin construction	<u>9 / 1 / 2019</u>	<u> / / </u>
- End construction	<u>3 / 1 / 2019</u>	<u> / / </u>
- Begin discharge	<u>3 / 1 / 2019</u>	<u> / / </u>
- Attain operational level	<u>4 / 1 / 2019</u>	<u> / / </u>

e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? Yes No

Describe briefly: Project has not been completely funded yet. Waiting on USDA

B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 001

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)	24.00	mg/L	10.65	mg/L	6.00	4500NH3D	
CHLORINE (TOTAL RESIDUAL, TRC)	0.11	mg/L	0.06	mg/L	6.00	330.5	
DISSOLVED OXYGEN	7.88	mg/L	6.99	mg/L	6.00	4500-OC	
TOTAL KJELDAHL NITROGEN (TKN)	12.70	mg/L	10.50	mg/L	3.00	351.4	
NITRATE PLUS NITRITE NITROGEN	1.10	mg/L	2.61	mg/L	3.00	9200	
OIL and GREASE							
PHOSPHORUS (Total)	5.57	mg/L	5.15	mg/L	3.00	4500PE	
TOTAL DISSOLVED SOLIDS (TDS)							
OTHER							

**END OF PART B.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE**

FACILITY NAME AND PERMIT NUMBER:

AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

BASIC APPLICATION INFORMATION

PART C. CERTIFICATION

All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.

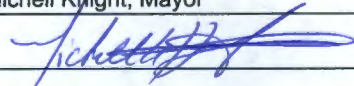
Indicate which parts of Form 2A you have completed and are submitting:

- Basic Application Information packet
- Supplemental Application Information packet:
 - Part D (Expanded Effluent Testing Data)
 - Part E (Toxicity Testing: Biomonitoring Data)
 - Part F (Industrial User Discharges and RCRA/CERCLA Wastes)
 - Part G (Combined Sewer Systems)

ALL APPLICANTS MUST COMPLETE THE FOLLOWING CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information 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 and official title Michell Knight, Mayor

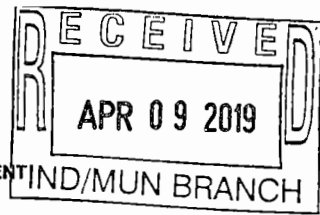
Signature 

Telephone number (334) 397-2723

Date signed 3/27/19

Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.

SEND COMPLETED FORMS TO:



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM)
NPDES INDIVIDUAL PERMIT APPLICATION
SUPPLEMENTARY INFORMATION FOR PUBLICLY-OWNED TREATMENT WORKS (POTW), OTHER TREATMENT WORKS TREATING DOMESTIC SEWAGE (TWTDS), AND PUBLIC WATER SUPPLY TREATMENT PLANTS

Instructions: This form should be used to submit the required supplementary information for an application for an NPDES individual permit for Publicly Owned Treatment Works (POTW) and other Treatment Works Treating Domestic Sewage (TWTDS). The completed application should be submitted to ADEM in duplicate. If insufficient space is available to address any item, please continue on an attached sheet of paper. Please mark "N/A" in the appropriate box when an item is not applicable to the applicant. Please type or print legibly in blue or black ink. Mail the completed application to:

ADEM-Water Division
Municipal Section
P O Box 301463
Montgomery, AL 36130-1463

* Revised Submission
4-8-2019

PURPOSE OF THIS APPLICATION

- Initial Permit Application for New Facility*
Modification of Existing Permit
Revocation & Reissuance of Existing Permit
Initial Permit Application for Existing Facility*
Reissuance of Existing Permit

* An application for participation in the ADEM's Electronic Environmental (E2) Reporting must be submitted to allow permittee to electronically submit reports as required.

SECTION A - GENERAL INFORMATION

1. Facility Name: Clio Lagoon
a. Operator Name: Jeremy Hagler
b. Is the operator identified in A.1.a, the owner of the facility? [] Yes [x] No
Jeremy Hagler, P.O. Box 219, Clio, AL 36017; maintenance, reporting, general operations
c. Name of Permittee* if different than Operator: City of Clio
NPDES Permit Number: AL 0067181
Facility Physical Location: Alex Shipman Road
City: Clio County: Barbour State: AL Zip: 36017
Facility Location (Front Gate): Latitude: 31°43'17.14"N Longitude: 85°37'33.08"W
Facility Mailing Address: P.O. Box 219
City: Clio County: Barbour State: AL Zip: 36017
Responsible Official (as described on last page of this application):
Name and Title: Michelle Knight, Mayor
Address: 3311 Elamville St.
City: Clio State: AL Zip: 36017
Phone Number: 334-397-2723 Email Address: vhaglercliocityclerk@centurytel.net

*OK-

6. Designated Facility/DMR Contact:

Name and Title: Jeremy Hagler, Operator

Phone Number: 334-397-2723

Email Address: jeremyhagler@centurytel.net

7. Designated Emergency Contact:

Name and Title: Jeremy Hagler, Operator

Phone Number: 334-344-8963 cell

Email Address: jeremyhagler@centurytel.net

8. Please complete this section if the Applicant's business entity is a Proprietorship or Limited Liability Company (LLC) with a responsible official not listed in A.5.

Name and Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Email Address: _____

9. Permit numbers for Applicant's previously issued NPDES Permits and identification of any other State Environmental Permits presently held by the Applicant within the State of Alabama:

<u>Permit Type</u>	<u>Permit Number</u>	<u>Held By</u>
Clio Lagoon	AL0067181	City of Clio
_____	_____	_____
_____	_____	_____
_____	_____	_____

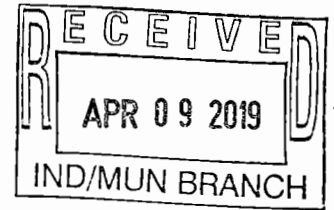
10. Identify all Administrative Complaints, Notices of Violation, Directives, or Administrative Orders, Consent Decrees, or Litigation concerning water pollution or other permit violations, if any against the Applicant within the State of Alabama in the past five years (attach additional sheets if necessary):

<u>Facility Name</u>	<u>Permit Number</u>	<u>Type of Action</u>	<u>Date of Action</u>
Clio Lagoon	AL0067181	Consent Order	06/08/2016
Clio Lagoon	AL0067181	Litigation	02/19/2019
Clio Lagoon	AL0067181	Nov	01/22/2014
_____	_____	_____	_____
_____	_____	_____	_____

SECTION B – WASTEWATER DISCHARGE INFORMATION

1. List the following historical monthly flow rates recorded for the past five years for each outfall:

Outfall No.	Highest Flow in Last 12 Months (MGD)	Highest Daily Flow (MGD)	Average Flow (MGD)
0011	0.376	0.376	0.224



2. Attach a process flow schematic of the treatment process, including the size of each unit operation and sample collection locations.

3. Do you share an outfall with another facility? Yes No (If no, continue to B.4)

For each shared outfall, provide the following:

Applicant's Outfall No.	Name of Other Permittee/Facility	NPDES Permit No.	Where is sample collected by Applicant?

4. Do you have, or plan to have, automatic sampling equipment or continuous wastewater flow metering equipment at this facility?

- Current:**
- Flow Metering Yes No N/A
 - Sampling Equipment Yes No N/A
- Planned:**
- Flow Metering Yes No N/A
 - Sampling Equipment Yes No N/A

If so, please attach a schematic diagram of the sewer system indicating the present or future location of this equipment and describe the equipment below:

5. 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)? Yes No

Briefly describe these changes and any potential or anticipated effects on the wastewater quality and quantity. (Attach additional sheets if needed.)



See attached sheet ; CDBG/ USDA funded project to modify treatment

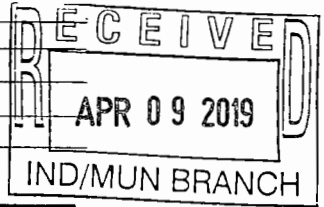
SECTION C – WASTE STORAGE AND DISPOSAL INFORMATION

Describe the location of all sites used for the storage of solids or liquids that have any potential for accidental discharge to a water of the state, either directly or indirectly via storm sewer, municipal sewer, municipal wastewater treatment plants, or other collection or distribution systems that are located at or operated by the subject existing or proposed NPDES- permitted facility. Indicate the location of any potential release areas and provide a map or detailed narrative description of the areas of concern as an attachment to this application:

Description of Waste	Description of Storage Location
* Residential	Alex Shipman Rd Lagoons (only)

Describe the location of any sites used for the ultimate disposal of solid or liquid waste materials or residuals (e.g. sludges) generated by any wastewater treatment system located at the facility.

Description of Waste	Quantity (lbs/day)	Disposal Method*



*Indicate any wastes disposed at an off-site treatment facility and any wastes that are disposed on-site

SECTION D -- INDUSTRIAL INDIRECT DISCHARGE CONTRIBUTORS

a. List the existing and proposed industrial source wastewater contributions to the municipal wastewater treatment system (Attach other sheets if necessary)

Company Name	Description of Industrial Wastewater	Existing or Proposed	Flow (MGD)	Subject to SID Permit?	
				Yes	No
N/A				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

b. Are industrial wastewater contributions regulated via a locally approved sewer use ordinance? Yes No
If yes, please attach a copy of the ordinance.

SECTION E -- COASTAL ZONE INFORMATION

Is the discharge(s) located within the 10-foot elevation contour and within the limits of Mobile or Baldwin County? Yes No
If yes, complete items E.1 – E.12 below:

- | | Yes | No |
|---|--------------------------|--------------------------|
| 1. Does the project require new construction? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Will the project be a source of new air emissions? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Does the project involve dredging and/or filling of a wetland area or water way? | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes, has the Corps of Engineers (COE) permit been received? | <input type="checkbox"/> | <input type="checkbox"/> |
| COE Project No. _____ | | |
| 4. Does the project involve wetlands and/or submersed grassbeds? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Are oyster reefs located near the project site? | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes, include a map showing project and discharge location with respect to oyster reefs | | |
| 6. Does the project involve the site development, construction and operation of an energy facility as defined in ADEM Admin. Code r. 335-8-1-.02(bb)? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Does the project involve mitigation of shoreline or coastal area erosion? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Does the project involve construction on beaches or dune areas? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Will the project interfere with public access to coastal waters? | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Does the project lie within the 100-year floodplain? | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Does the project involve the registration, sale, use, or application of pesticides? | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Does the project propose or require construction of a new well or to alter an existing groundwater well to pump more than 50 gallons per day (GPD)? | <input type="checkbox"/> | <input type="checkbox"/> |
| If yes, has the applicable permit for groundwater recovery or for groundwater well installation been obtained? | <input type="checkbox"/> | <input type="checkbox"/> |

SECTION F – ANTI-DEGRADATION EVALUATION

In accordance with 40 CFR §131.12 and the ADEM Admin. Code r. 335-6-10-.04 for anti-degradation, the following information must be provided, if applicable. It is the applicant's responsibility to demonstrate the social and economic importance of the proposed activity. If further information is required to make this demonstration, attach additional sheets to the application.

1. Is this a new or increased discharge that began after April 3, 1991? Yes No
If yes, complete F.2 below. If no, go to Section G.

2. Has an Anti-Degradation Analysis been previously conducted and submitted to the Department for the new or increased discharge referenced in F.1? Yes No

If yes, do not complete this section.

If no and the discharge is to a Tier II waterbody as defined in ADEM Admin. Code r. 335-6-10-.12(4), complete F.2.A – F.2.F below, ADEM Form 311-Alternatives Analysis, and either ADEM Form 312 or ADEM Form 313- Calculation of Total Annualized Project Costs (Public-Sector or Private-Sector Projects, whichever is applicable). ADEM Form 312 or ADEM Form 313, whichever is applicable, must be provided for each treatment discharge alternative considered technically viable. ADEM forms can be found on the Department's website at <http://adem.alabama.gov/DeptForms/>.

Information required for new or increased discharges to high quality waters:

- A. What environmental or public health problem will the discharger be correcting?

- B. How much will the discharger be increasing employment (at its existing facility or as the result of locating a new facility)?

- C. How much reduction in employment will the discharger be avoiding?

- D. How much additional state or local taxes will the discharger be paying?

- E. What public service to the community will the discharger be providing?

- F. What economic or social benefit will the discharger be providing to the community?

SECTION G – 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 are found on the Department's website at <http://adem.alabama.gov/programs/water/waterforms.cnt>. The EPA application forms must be submitted in duplicate as follows:

1. All applicants must submit Form 1.
2. 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.
3. Applicants for new or existing land application of sanitary wastewater must submit Form 2A and, if the land application site is not completely bermed to prevent runoff, applicants must also submit Form 2F.
4. Applicants for new and existing discharges of process wastewater from water treatment facilities (i.e. public water supply treatment plants) must submit Form 2C.
5. Applicants that generate sewage sludge, derive a material from sewage sludge, or dispose of sewage sludge must submit Part 2 of Form 2S.

SECTION H- ENGINEERING REPORT/BMP PLAN REQUIREMENTS

Any Engineering Report or Best Management Practice (BMP) Plans required to be submitted to ADEM by the applicant must be in accordance with ADEM 335-6-6-.08(i) & (j).

SECTION I- RECEIVING WATERS

Outfall No.	Receiving Water(s)	303(d) Segment?		Included in TMDL?*	
0011	Pea River	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

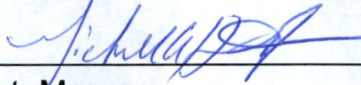
*If a TMDL Compliance Schedule is requested, the following should be attached as supporting documentation:

- (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, 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 requested compliance schedule.

SECTION J - APPLICATION CERTIFICATION

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."

Signature of Responsible Official:  Date Signed: 3/27/19
 Name and Title: Michelle Knight, Mayor

If the Responsible Official signing this application is not identified in Section A.5 or A.8, provide the following information:

Mailing Address: P.O. Box 219
 City: Clio State: AL Zip: 36017
 Phone Number: 334-397-2723 Email Address: vhaglerclioctylerk@centurytel.net

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.



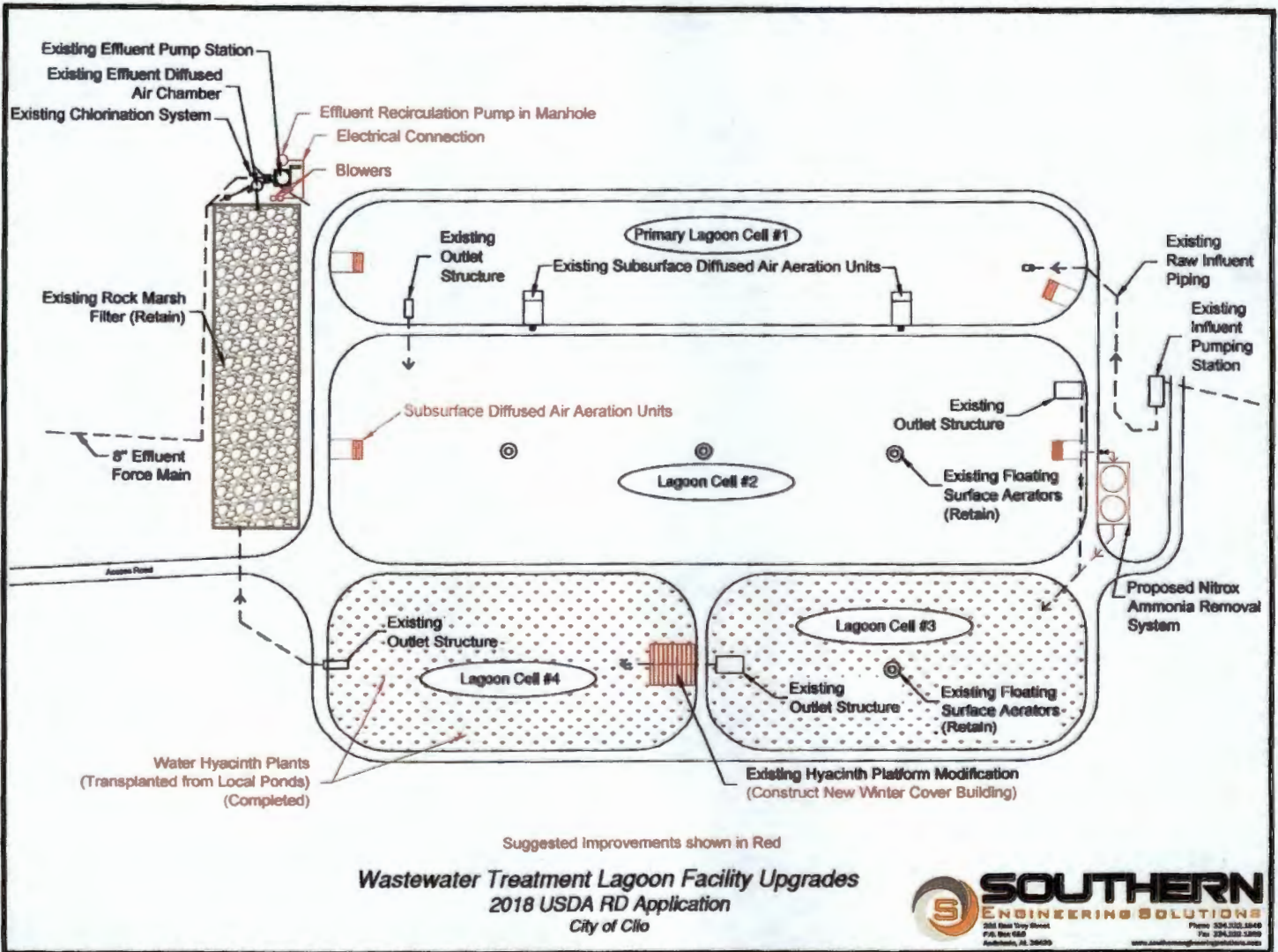
CLIO LAGOON

CLIO CITY HALL

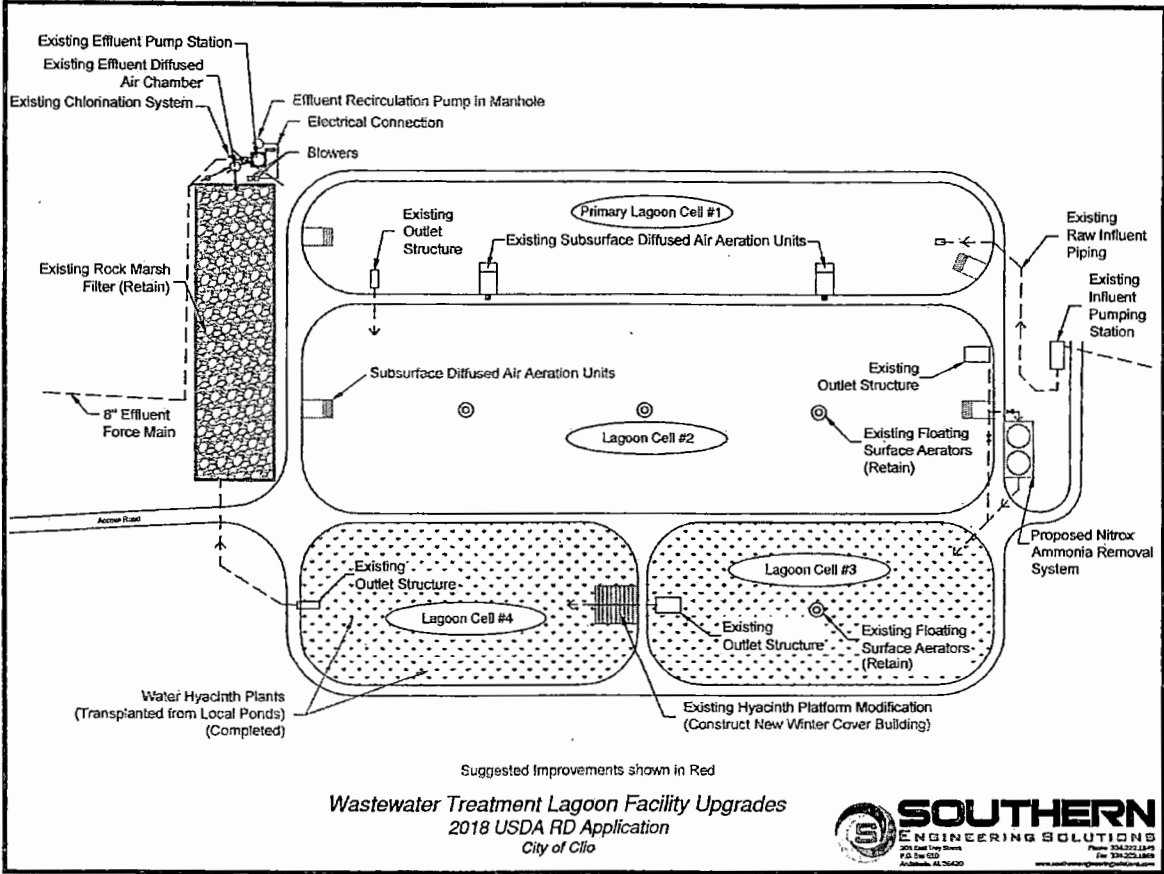
NPDES Permit Renewal
Clio Lagoon
Clio, Alabama

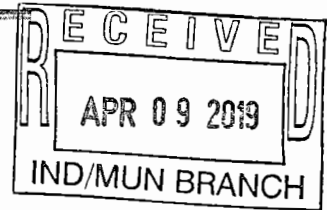


SOUTHERN
ENGINEERING SOLUTIONS
201 East Troy Street
P.O. Box 610
Andalusia, AL 36420
Phone 334.222.1849
Fax 334.222.1869
www.southernengineeringsolutions.com



RECEIVED
 APR 09 2019
 IND/MUN BRANCH





October 1, 2018

Honorable Michell Knight
City of Clio
P O Box 219
Clio, Alabama 36017

**Re: CDBG Project No. SM-CM-PF-16-003
Wastewater Treatment Lagoon Improvements
Clio, Alabama**

Dear Mayor Knight:

As per our previous conversations, we believe that moving forward with an application to USDA Rural Development or another funding source for additional funding to be combined with existing CDBG funds will be necessary in order to gain full compliance with the City's ADEM NPDES discharge permit for the existing lagoon treatment facility. After installation of additional aeration equipment utilizing CDBG funds, and the resultant sample testing period observed over the past 6-9 months, it is obvious of the need for additional funding that will be necessary because the very strict permit limit for effluent ammonia cannot be achieved without additional treatment above the means that could be provided by the previously recommended aerated rock filter. The additional aeration that was installed only resulted in reducing the very high influent ammonia values from 40+ mg/L to only around 25 mg/L, whereas consistent reduction of ammonia to somewhere in the at most the 10mg/L range would be required in order for the previously proposed conversion of the rock marsh to an aerated rock filter to meet the required 3 mg/L effluent ammonia requirement. While the addition of water hyacinth plants to cells 3 and 4 have proved very helpful, the seasonal variation experienced by the hyacinths will result in hindered treatment during the winter months, that will result in higher ammonia levels. Therefore, with all options considered, we propose a Nitrox system in order to provide a consistent effluent ammonia value of less than 3 mg/L.

The estimated construction costs of the Nitrox System and components far outweigh the amount of remaining CDBG funds as summarized below:

Nitrox System Estimated Construction Costs:	\$590,000.00
Less Remaining CDBG Construction Funds:	<u>-\$247,244.00</u>
Necessary USDA RD Construction & Contingency Funds:	\$342,756.00

PERSONAL SERVICE...PROFESSIONAL SOLUTIONS

201 EAST TROY ST
P.O. BOX 610
ANDALUSIA, AL 36420

OFFICE 334.222.1849
FAX 334.222.1869
SOUTHERNENGINEERINGSOLUTIONS.COM



I have also included a detailed overall project cost estimate for use in applying for USDA RD funds, as well as a schematic of the proposed improvements as revised from the original CDBG project application scope, and additional information on the Nitrox system.

If you have any questions, please let me know.

Sincerely,

SOUTHERN ENGINEERING SOLUTIONS

A handwritten signature in black ink, appearing to read "Troy Hudson".

Troy Hudson, PE
President

Enclosures

C w/Encs: Mr. David Ewing

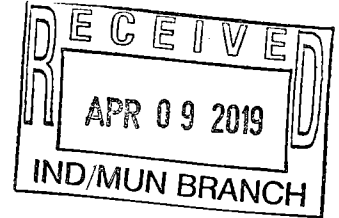
PERSONAL SERVICE...PROFESSIONAL SOLUTIONS

201 EAST TROY ST
P.O. BOX 610
ANDALUSIA, AL 36420

OFFICE 334.222.1849
FAX 334.222.1869
SOUTHERNENGINEERINGSOLUTIONS.COM

T:\Sharefile\Shared Folder\Server\Forms\Email Letters\Troy Hudson - Southern Engineering Solutions Letterhead.doc

Preliminary Cost Estimate
 Sewer System Improvements - Wastewater Treatment Lagoon Renovations
 City of Clio
 Barbour County, Alabama

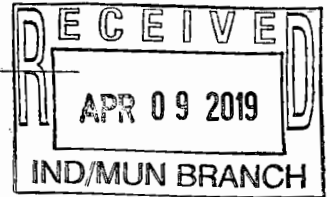


Sewer Lagoon (Installation of Nitrox System to reduced Ammonia)

Description	Qty	Unit	Unit Price	Total Bid
1. Mobilization	1	LS	\$ 25,000.00	\$ 25,000.00
2. Nitrox System Equipment	1	LS	\$ 325,000.00	\$ 325,000.00
3. Site Prep, Foundation Material	1	LS	\$ 50,000.00	\$ 50,000.00
4. Piping with Valves and Bypass Piping	1	LS	\$ 25,000.00	\$ 25,000.00
5. Electrical Retrofits	1	LS	\$ 75,000.00	\$ 75,000.00
6. Concrete Surface	1	LS	\$ 10,000.00	\$ 10,000.00
7. Fencing	1	LS	\$ 10,000.00	\$ 10,000.00
8. SCADA System	1	LS	\$ 30,000.00	\$ 30,000.00
Estimated Construction Subtotal				\$ 550,000.00
Contingency				\$ 40,000.00
Estimated Construction Total				\$ 590,000.00
Less Available CDBG Construction Funds				\$ (247,244.00)
Net USDA Construction Funds Needed				\$ 342,756.00
Equipment				\$ 50,000.00
Engineering Design				\$ 27,500.00
Construction Engineering & Observation (hourly)				\$ 20,000.00
PER & Environmental Reports				\$ 10,000.00
Legal Services				\$ 5,000.00
Bond Counsel				\$ 5,000.00
Interim Financing				\$ 40,000.00
TOTAL ESTIMATED USDA RD FUNDS REQUESTED				\$ 500,256.00



United States Department of Agriculture



Rural Development

March 21, 2019

Alabama State Office

4121 Carmichael Road,
Suite 601, Sterling Centre
Montgomery, AL 36106

Michelle Knight, Mayor
The City of Clio
3311 Elamville Street
Clio, AL 36323

Voice 334.279.3617
Fax 855.304.8457

Dear Mayor Knight:

I am pleased to inform you that a USDA Rural Development loan in the amount of \$126,000 and grant in the amount of \$355,000 have been approved for The City of Clio. Please know that the funds were obligated March 14, 2019. The attached Form RD 1940-1 is your notification that funds were obligated.

Please contact Landra Siegfried, Area Director, in the Ozark Office, at (334) 774-4926.

Sincerely,

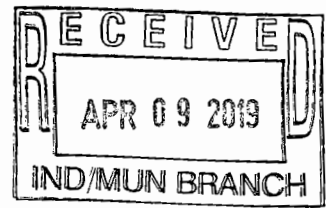
CHRIS BEEKER, III
State Director

Attachment

cc: Landra Siegfried, Area Director, Ozark, Alabama
Richard Osborne, Area Specialist, Ozark, Alabama

EWING-CONNER AND ASSOCIATES, INC.

Post Office Drawer 6805
Dothan, Alabama 36302-6805
(334) 793 - 7695



February 11, 2019

USDA Rural Development
Mr. Richard Osborne, Area Specialist
1177 East Andrews Avenue, Suite B-1
Ozark, Alabama 36360

RE: City of Clio, Alabama
Wastewater Treatment Lagoon Upgrades

Dear Mr. Osborne:

The City of Clio, Alabama requested and received a 2016 Community Development Block Grant from the Alabama Department of Economic and Community Affairs (ADECA) to make improvements to its existing Wastewater Lagoon in order to comply with NPDES Permit # AL0067181 and an Alabama Department of Environmental Management Administrative Consent Order 16-061-CWP dated June 08, 2016. The effective date of the Grant Agreement (# SM-CM-PF-16-003) between ADECA and the City of Clio was 11/03/2016 and the amount of the grant totaled \$ 350,000.00 (see attached).

As per your request, the City of Clio presently has \$ 247,244.00 in 2016 CDBG funds *available* to be coupled with requested USDA RD funds to make necessary modifications to the Wastewater Treatment Lagoon as has been presented to USDA RD via application for funding assistance.

By affixing my signature hereto, I affirm that the City of Clio, Alabama has \$ 247,244.00 in 2018 CDBG monies that are earmarked for Lagoon improvements and said funds will be available to complement any forthcoming USDA RD funds for the proposed Wastewater Treatment Lagoon improvements.

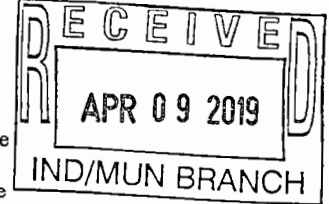
Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "David W. Ewing".

David W. Ewing,
Grant Administrator
City of Clio / CDBG Project #: SM-CM-PF-16-003

- (c) inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent."



Owners are ultimately responsible for compliance with AIS requirements and will be responsible for the following:

- (a) Signing loan resolutions, grant agreements and letters of intent to meet conditions which include AIS language, accepting AIS requirements in those documents and in the letter of conditions.
- (b) Signing change orders (i.e. C-941 of EJCDC) and partial payment estimates (i.e. C-620 of EJCDC) and thereby acknowledging responsibility for compliance with American and Iron Steel requirements.
- (c) Obtaining the certification letters from the consulting engineer upon substantial completion of the project and maintaining this documentation for the life of the loan.
- (d) Where the owner provides their own engineering and/or construction services, providing copies of engineers', contractors' and manufacturers' certification letters (as applicable) to the Agency to insert into the Agency file. All certification letters must be kept in the engineer's project file and on site during construction. For Owner Construction (Force Account), all clauses from Section 17 must be included in the Agreement for Engineering Services.
- (e) Where the owner directly procures AIS products, including AIS clauses in the procurement contracts and obtaining manufacturers' certification letters and providing copies to consulting engineers and contractors.

4. Project Budget – Funding from all sources has been budgeted for the estimated expenditures as follows:

Development RD Construction Funds	\$ 302,756.00
Development CDBG Construction Funds	\$ 247,244.00
Contingency	\$ 55,000.00
Engineering Pre-Development	\$ 10,000.00
Inspection	\$ 20,000.00
Engineer Design	\$ 27,500.00
Construction Interest	\$ 7,500.00
Legal-Local and Bond	\$ 8,000.00
Equipment	\$ 50,000.00

TOTAL PROJECT COST **\$ 728,000.00**

Obligated loan or grant funds not needed to complete the proposed project will be deobligated prior to start of construction. Any reduction will be applied to grant funds first. An amended letter of conditions will be issued for any changes to the total project budget.

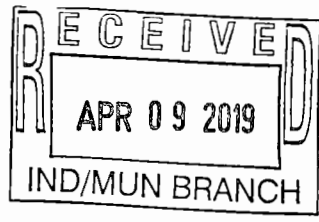
SECTION II – LOAN AND GRANT TERMS

- 5. Repayment** – The interest rate will be the lower of the rate in effect at the time of loan approval or the time of loan closing, unless you request otherwise. Should the interest rate be reduced, the payment will be recalculated to the lower amount.



MAILING ADDRESS:
P.O. Box 248
CLIO, ALABAMA 36017
PHONE: 334.397.4413
FAX: 334.397.4415

April 3, 2019



Michell Knight, Mayor
The City of Clio
3311 Elamville Street
Clio, AL 36017

Dear Mayor Knight,

SunSouth Bank is in agreement to provide interim financing on a fixed rate loan in the amount of \$126,000 at 4.00% for twelve (12) months to the City of Clio, for the Wastewater Lagoon System Improvement Project as mandated by the USDA Rural Development. The project is specifically known as USDA RD & CDBG Project SM-CM-PF-16-003.

This is a non-revolving line of credit, and the principal and interest will be due at maturity. The loan is to be secured by and repayment made from the proceeds of the USDA Rural Development Loan as per form RD-1940-1 to be funded within a twelve (12) month period. Disbursement of the loan funds to the City of Clio will be on a draw basis, upon approval and authorization of the project engineer and USDA Rural Development Officer.

This loan is contingent upon receipt of the appropriate bonding documentation and takeout letter from the USDA Rural Utility Service, or any other pertinent information that would be needed to secure the position of the bank.

We appreciate the opportunity to work with the city on this project.

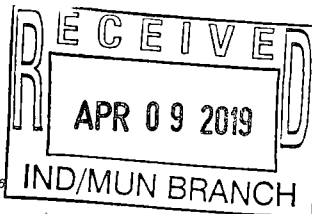
Sincerely,

W. Travis Strickland
City President



3274 LOUISVILLE STREET • CLIO, ALABAMA 36017





FACILITY NAME AND PERMIT NUMBER:
Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0088

PART 1: LIMITED BACKGROUND INFORMATION

This part should be completed only by "sludge-only" facilities - that is, facilities that do not currently have, and are not applying for, an NPDES permit for a direct discharge to a surface body of water.
For purposes of this form, the term "you" refers to the applicant. "This facility" and "your facility" refer to the facility for which application information is submitted.

1. Facility Information.

a. Facility name Clio Lagoon

b. Mailing Address P.O. Box 219, Clio, AL 36017

c. Contact person Jeremy Hagler
Title Operator
Telephone number (334) 397-2723

d. Facility Address (not P.O. Box) Alex Shipman Road

e. Indicate the type of facility
 Publicly owned treatment works (POTW) Privately owned treatment works
 Federally owned treatment works Blending or treatment operation
 Surface disposal site Sewage sludge incinerator
 Other (describe) _____

2. Applicant Information.

a. Applicant name City of Clio

b. Mailing Address P.O. Box 219, Clio, AL 36017

c. Contact person Michelle Knight
Title Mayor
Telephone number (334) 397-2723

d. Is the applicant the owner or operator (or both) of this facility?
 owner operator

e. Should correspondence regarding this permit be directed to the facility or the applicant?
 facility applicant

FACILITY NAME AND PERMIT NUMBER:
Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

3. Sewage Sludge Amount. Provide the total dry metric tons per latest 365 day period of sewage sludge handled under the following practices:

- a. Amount generated at the facility 0 dry metric tons
 - b. Amount received from off site 0 dry metric tons
 - c. Amount treated or blended on site 0 dry metric tons
 - d. Amount sold or given away in a bag or other container for application to the land 0 dry metric tons
 - e. Amount of bulk sewage sludge shipped off site for treatment or blending 0 dry metric tons
 - f. Amount applied to the land in bulk form 0 dry metric tons
 - g. Amount placed on a surface disposal site 0 dry metric tons
 - h. Amount fired in a sewage sludge incinerator 0 dry metric tons
 - i. Amount sent to a municipal solid waste landfill 0 dry metric tons
 - j. Amount used or disposed by another practice 0 dry metric tons
- Describe _____

4. Pollutant Concentrations. Using the table below or a separate attachment, provide existing sewage sludge monitoring data for the pollutants for which limits in sewage sludge have been established in 40 CFR part 503 for this facility's expected use or disposal practices. If available, base data on three or more samples taken at least one month apart and no more than four and one-half years old.

POLLUTANT	CONCENTRATION (mg/kg dry weight)	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
ARSENIC			
CADMIUM			
CHROMIUM			
COPPER			
LEAD			
MERCURY			
MOLYBDENUM			
NICKEL			
SELENIUM			
ZINC			

N/A

5. Treatment Provided At Your Facility.

- a. Which class of pathogen reduction does the sewage sludge meet at your facility?
 Class A Class B Neither or unknown
- b. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce pathogens in sewage sludge:
N/A

FACILITY NAME AND PERMIT NUMBER:

Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0096

c. Which vector attraction reduction option is met for the sewage sludge at your facility?

- Option 1 (Minimum 38 percent reduction in volatile solids)
- Option 2 (Anaerobic process, with bench-scale demonstration)
- Option 3 (Aerobic process, with bench-scale demonstration)
- Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
- Option 5 (Aerobic processes plus raised temperature)
- Option 6 (Raise pH to 12 and retain at 11.5)
- Option 7 (75 percent solids with no unstabilized solids)
- Option 8 (90 percent solids with unstabilized solids)
- Option 9 (Injection below land surface)
- Option 10 (Incorporation into soil within 6 hours)
- Option 11 (Covering active sewage sludge unit daily)
- None or unknown

N/A

d. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:

6. Sewage Sludge Sent to Other Facilities. Does the sewage sludge from your facility meet the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements, and one of the vector attraction options 1-8?

Yes No

If yes, go to question 8 (Certification).

N/A

If no, is sewage sludge from your facility provided to another facility for treatment, distribution, use, or disposal?

Yes No

If no, go to question 7 (Use and Disposal Sites).

If yes, provide the following information for the facility receiving the sewage sludge:

a. Facility name _____

b. Mailing address _____

c. Contact person _____

Title _____

Telephone number _____

d. Which activities does the receiving facility provide? (Check all that apply)

Treatment or blending Sale or give-away in bag or other container

Land application Surface disposal

Incineration Other (describe):

FACILITY NAME AND PERMIT NUMBER:
Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

7. Use and Disposal Sites. Provide the following information for each site on which sewage sludge from this facility is used or disposed:

- a. Site name or number _____
b. Contact person _____
Title _____
Telephone _____
- c. Site location (Complete 1 or 2)
1. Street or Route # _____
County _____
City or Town _____ State _____ Zip _____
2. Latitude _____ Longitude _____
- d. Site type (Check all that apply)
- | | | |
|---|---|--|
| <input type="checkbox"/> Agricultural | <input type="checkbox"/> Lawn or home garden | <input type="checkbox"/> Forest |
| <input type="checkbox"/> Surface disposal | <input type="checkbox"/> Public Contact | <input type="checkbox"/> Incineration |
| <input type="checkbox"/> Reclamation | <input type="checkbox"/> Municipal Solid Waste Landfill | <input type="checkbox"/> Other (describe): _____ |

8. Certification. Sign the certification statement below. (Refer to instructions to determine who is an officer for purposes of this certification.)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the 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 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 and official title _____ Michelle Knight, Mayor
Signature _____
Telephone number _____ (334) 397-2723
Date signed _____ 4-8-2019

SEND COMPLETED FORMS TO:

FACILITY NAME AND PERMIT NUMBER:
Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

A. GENERAL INFORMATION

All applicants must complete this section.

A.1. Facility Information.

- a. Facility name Clio Lagoon
- b. Mailing Address 3311 Elamville St (P.O. Box 219)
Clio, AL 36017
- c. Contact person Jeremy Hagler
Title Superintendent / Operator
Telephone number 334-397-2723
- d. Facility Address (not P.O. Box) Alex Shipman Road
Clio, AL
- e. Is this facility a Class I sludge management facility? Yes No
- f. Facility design flow rate: 400 mgd
- g. Total population served: 2800
- h. Indicate the type of facility:
 Publicly owned treatment works (POTW) Privately owned treatment works
 Federally owned treatment works Blending or treatment operation
 Surface disposal site Sewage sludge incinerator
 Other (describe) _____

A.2. Applicant Information. If the applicant is different from the above, provide the following:

- a. Applicant name City of Clio
- b. Mailing Address 3311 Elamville St (P.O. Box 219)
Clio, AL 36017
- c. Contact person Michell Knight
Title Mayor
Telephone number 334-397-2723
- d. Is the applicant the owner or operator (or both) of this facility?
 owner operator
- e. Should correspondence regarding this permit should be directed to the facility or the applicant.
 facility applicant

FACILITY NAME AND PERMIT NUMBER:

Clio Lagoon AL0067181

Form Approved 1/14/99
OMB Number 2040-0086

A.3. Permit Information.

- a. Facility's NPDES permit number (if applicable): AL 0067181
- b. List, on this form or an attachment, all other Federal, State, and local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:

Permit Number	Type of Permit
_____	_____
_____	_____
_____	_____

A.4. Indian Country. Does any generation, treatment, storage, application to land, or disposal of sewage sludge from this facility occur in Indian Country?

Yes: No: If yes, describe: _____

A.5. Topographic Map. Provide a topographic map or maps (or other appropriate map(s) if a topographic map is unavailable) that show the following information. Map(s) should include the area one mile beyond all property boundaries of the facility:

- a. Location of all sewage sludge management facilities, including locations where sewage sludge is stored, treated, or disposed.
- b. Location of all wells, springs, and other surface water bodies, listed in public records or otherwise known to the applicant within 1/4 mile of the facility property boundaries.

A.6. Line Drawing. Provide a line drawing and/or a narrative description that identifies all sewage sludge processes that will be employed during the term of the permit, including all processes used for collecting, dewatering, storing, or treating sewage sludge, the destination(s) of all liquids and solids leaving each unit, and all methods used for pathogen reduction and vector attraction reduction.

NA

A.7. Contractor Information.

Are any operational or maintenance aspects of this facility related to sewage sludge generation, treatment, use or disposal the responsibility of a contractor? Yes No

If yes, provide the following for each contractor (attach additional pages if necessary):

- a. Name _____
- b. Mailing Address _____
- c. Telephone Number _____
- d. Responsibilities of contractor _____

FACILITY NAME AND PERMIT NUMBER:
 Clio Lagoon AL0067181

Form Approved 1/14/99
 OMB Number 2040-0085

A.8. **Pollution Concentrations:** Using the table below or a separate attachment, provide sewage sludge monitoring data for the pollutants for which limits in sewage sludge have been established in 40 CFR Part 503 for this facility's expected use or disposal practices. All data must be based on three or more samples taken at least one month apart and must be no more than four and one-half years old.

POLLUTANT	CONCENTRATION (mg/kg dry weight)	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
ARSENIC			
CADMIUM			
CHROMIUM			
COPPER			
LEAD			
MERCURY			
MOLYBDENUM			
NICKEL			
SELENIUM			
ZINC			

A.9. **Certification.** Read and submit the following certification statement with this application. Refer to the instructions to determine who is an officer for purposes of this certification. Indicate which parts of Form 2S you have completed and are submitting:

Part 1 Limited Background Information packet

Part 2 Permit Application Information packet:

- Section A (General Information)
- Section B (Generation of Sewage Sludge or Preparation of a Material Derived from Sewage Sludge)
- Section C (Land Application of Bulk Sewage Sludge)
- Section D (Surface Disposal)
- Section E (Incineration)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the 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 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 and official title Michell Knight, Mayor
 Signature [Signature] Date signed 4-8-2019
 Telephone number 334-397-2722

Upon request of the permitting authority, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

SEND COMPLETED FORMS TO:

Barbour County AL - 2018 Public Website
 Web15 - Updated On: 10-03-2018
Parcel Details

FavLink PRC New Search Back Print

Parcel

Acct No: 310560
 Parcel No: 06 30 08 27 0 000 009.004
 Prop Addr:
 Tot Acres: 25.00
 Deed Book: 00C110 Deed Page: 000961
 Subdivision: 009999-N/A

Owner

Name: THE TOWN OF CLIO
 Name: (EASTERLING FARMS INC.
 Address: P.O.BOX 217
 City, State, ZIP: CLIO, AL 36017

Values

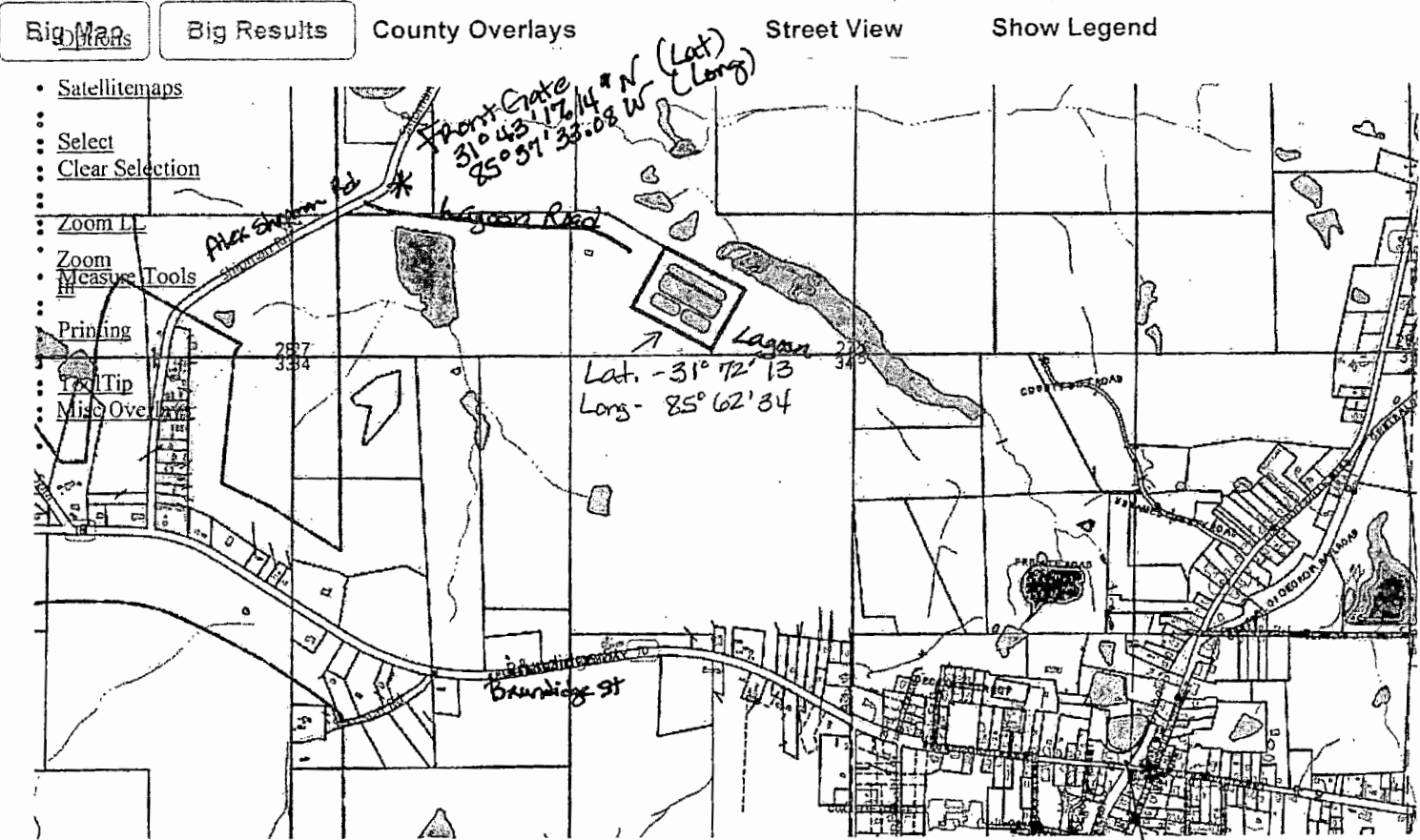
Land Total: \$33,800.00
 Building Total: \$0.00
 Appraised Value: \$33,800.00
 Yrly Tax: \$0.00

Payment History

Tax Year	Date Paid	Amount
2018		\$0.00

Bldg Appendages

App No	Code	Area	Adj-Area
Building 1			



BarbourAL - 2018 - PARCEL SUMMARY - 1 Records

Sorted: Ascending [Print](#) [Back](#) [Map It](#) [Clear MapIt](#) [To Excel](#) [Mailing](#)

Row	Info	Account	Parcel	Name	Parcel Address	Owner Address	Land	Imp	TMkt	Acreage	DBook	DPage	DDate	Tax Dist	Yrly Tax
1		298780	06 30 08 27 0 000 009.002 0	THE TOWN OF CLIO		P.O.BOX 217	\$18,200.00	\$0.00	\$18,200.00	13	00C101	000825	08/27/2000	04	\$0.00

CLIO

