



Minutes of the City of Calera Council Meeting May 2, 2022

The Council of the City of Calera met in the Council Chambers of the City Hall at 7901 Highway 31 on Monday, May 2, 2022, at 6:30 p.m., in a regular meeting. Mayor Graham presiding.

Mayor and Council Members Present:

Jon G. Graham, Mayor
Philip Busby, Council Member
Kenny Dale Cost, Council Member
Ernest Montgomery, Council Member
Calvin Morgan, Council Member
Kay Snowden Turner, Council Member
Alan Watts, Council Member

City Attorney:

Bill Justice

Guests:

Sean Kendrick, James Fuller, David Hyche, Bill Hilyer, Alison Powers, Reggie Darden, Chris Pappas, Jackie Batson, Dennis Torrealba, Markus Snowden, Bill and Ann Davis, Jody Tallie, Grady Thornton, Tip Edwards, Dawn Gragg, Debbie and Richard Byers, Butch and Kim Phillips, Tammy Smith, Seth Gandy, Kelly Ellison, Russell and Tricia Crowe, Tyler Madison, Mrs. Baxley, Amy Sturdivant, City Employees

Mayor Graham called the meeting to order at 6:30 p.m.

Word of Prayer and Pledge of Allegiance:

Calvin Morgan opened the meeting with prayer and the Pledge of Allegiance.

Approval of Minutes:

Council Member Cost made a motion to approve and dispense with the reading of the following minutes:

Regular Meeting – April 18, 2022
Work Session – April 18, 2022
Budget Work Session – April 26, 2022

Council Member Busby seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed

Old Business:

No old Business

New Business:

Resolution No. 2022-13 Municipal Water Pollution Prevention (MWPP) Program

Council Member Turner moved that Resolution No. R-2022-13 is adopted. Council Member Morgan seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – Adopted this 2nd day of April 2022

Ordinance No. 2022-11 – Russell Crowe –Rezoning Request from B2 to E1 – Public Hearing

Council Member Busby moved unanimous consent of the Council is given for immediate action upon said Ordinance. Council Member Montgomery second said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Watts moved Ordinance No. 2022-11 be adopted. Council Member Morgan seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – Adopted this 2nd day of May 2022

Ordinance No. 2022-12 – Gregory and Stephanie Haynes –Rezoning Request from R3 to B2 – Public Hearing

Council Member Cost moved unanimous consent of the Council is given for immediate action upon said Ordinance. Council Member Turner second said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Cost moved Ordinance No. 2022-12 be adopted. Council Member Morgan seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – Adopted this 2nd day of May 2022

Chris Pappas, City Engineer – CivilGEO Engineering Software Proposal - \$4,295.00

Council Member Cost made a motion to approve the CivilGEO Engineering Software Proposal for \$4,295.00. Council Member Watts seconded said motion and upon vote the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed

Kelly Ellison, Finance Director – Jackson Thornton, COSS Engagement Letter – Sewer Study, ClearGOV Budgeting Software Proposal - \$10,850.00, Revenue Discussion

Council Member Watts made a motion to authorize Mayor Graham to sign the COSS Engagement Letter for the Sewer Study. Council Member Cost seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed

Council Member Morgan made a motion to approve the ClearGOV Budgeting Software Proposal for \$10,850.00. Council Member Turner seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed

Ordinance No. 2022-13 – Back to School Sales Tax Holiday for 2022

Council Member Watts moved unanimous consent of the Council is given for immediate action upon said Ordinance. Council Member Cost second said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Turner moved Ordinance No. 2022-13 be adopted. Council Member Morgan seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – Adopted this 2nd day of May 2022

Resolution No. 2022-14 – Alabaster Request to Annex Land within the Overlapping Police Jurisdiction

Council Member Busby moved unanimous consent of the Council is given for immediate action upon said Ordinance. Council Member Cost second said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Morgan moved Resolution No. 2022-14 be adopted. Council Member Busby seconded said motion and upon vote the results was as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – Adopted this 2nd day of May 2022

Request to Extend the Six Month Hold on any PUD Developments passed at the December 20, 2021, Council Meeting for an additional Six Months

Council Member Cost made a motion to approve to Extend the Six Month Hold on any new PUD Developments for an additional Six Months. Council Morgan seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed

Guests:

Jody Tallie

Candidate for Shelby County District Court Judge, Place 1

Jackie Batson

Calera Main Street Update

Grady Thornton

Candidate for the Alabama Republican Executive Committee Shelby County, Place 7

Council Member Busby made a motion to adjourn the meeting at 7:22 p.m.

Approved this 16th day of May 2022.

Jon G. Graham, Mayor

ATTEST:

Connie B. Payton, City Clerk

To view our City Council Meeting please click the link below:

<https://www.youtube.com/watch?v=p0EWKFaleDg>

Mayor Graham introduced the following Resolution:

RESOLUTION NO. R-2022-13

MUNICIPAL WATER POLLUTION PREVENTION (MWPP) PROGRAM

Resolved that the City of Calera informs the Department of Environmental Management that the following actions were taken by Calera City Council.

1. Reviewed the MWPP Annual Report which is attached to this resolution.
2. Set forth the following actions and schedule necessary to maintain effluent requirements contained in the NPDES Permit, and to prevent the bypass and overflow of raw sewage within the collection system or at the treatment plant:
 - (a) Continue to operate and maintain both the Buxahatchee Pollution Control Plant and the Camp Branch Water Reclamation Plant to its highest standards while looking for and eliminating sources of inflow and infiltration.

Council Member Turner moved that Resolution No. R-2022-13 be adopted. Council Member Morgan seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Mayor Graham declared Resolution No. R-2022-13 adopted.

Adopted this 2nd day of May, 2022.

Jon G. Graham, Mayor

ATTEST:

Connie Payton, City Clerk

Mayor Graham introduced the following Ordinance:

ORDINANCE NO. 2022-11

WHEREAS, the Planning Commission of the City of Calera, Alabama conducted a public hearing on **April 5, 2022** and has recommended changes in the City of Calera zoning map, and advises that said zoning is in compliance with the City of Calera Comprehensive Plan, and

WHEREAS, the Council of the City of Calera, Alabama has conducted a public hearing after proper legal and actual notice to landowners to consider changes in the zoning map recommended by the Planning Commission.

IT IS THEREFORE ORDAINED BY THE MAYOR AND
COUNCIL OF THE CITY OF CALERA, ALABAMA AS FOLLOWS:

That the zoning request of property described in **Exhibit A** be rezoned as follows:

From: B2 (General Business)

To: E1 (Single Family Residential Estate)

Council Member Busby moved that unanimous consent of the Council be given for immediate action upon Ordinance No. 2022-11. Council Member Montgomery seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Watts moved that Ordinance No. 2022-11 be adopted. Council Member Morgan seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Mayor Graham declared Ordinance No. 2022-11 adopted.

Adopted this 2nd day of May, 2022.

Connie B. Payton, City Clerk

Jon G. Graham, Mayor

3/1/22, 12:05 PM

Map Print



plan 17-2022

Zwy # 19358

APPLICATION FOR REZONING

\$150.⁰⁰

PLANNING COMMISSION, CITY OF CALERA, ALABAMA

1. Date Application filed: 2-28-2022 Requested Hearing Date: April 5th, 2022
2. Applicant: Russell E. Crowe
Phone: 205-999-4362
Address: 3600 Hwy 20, Calera, AL 35040
3. Owner: Russell E. Crowe
Phone: 205-999-4362
Address: 3600 Hwy 20, Calera, AL 35040
4. Property Location: 378 Green Acres, Calera, AL 35040
416 Green Acres, Calera, AL 35040
Tax Map Parcel Number (s): 352040001012.000
352040001012.001
5. Acreage: _____
6. Existing Zoning Classification: B2 Existing Land Use: Commercial
Proposed Zoning Classification: E1 Proposed Land Use: Residential
7. Check all required submissions with this application:

- _____ Application Fee
- _____ Reason for the Request
- _____ Legal Description of the subject Property
- _____ Vicinity Map
- _____ Availability Of Required Utilities
- _____ Public Hearing Notices
- _____ Site Plan
- _____ Proffer of rezoning conditions (if any)

Signature of Applicant: Russell Crowe

Signature of Authorization By Owner: Russell Crowe

FOR CITY USE ONLY:

\$150.00 Administrative fee received on _____ by receipt # 1397080

Scheduled Hearing Date: 4/5/2022

Application Submitted by: Russell Crowe on: 2/28/2022

Russell Crowe



Shelby County Land Information
Date Printed: 04/14/2022 (100' scale)

Shelby County, AL Property Record Information Page: 1

PIN#: 35 2 04 0 001 012.000 **Assessment Year: 2020** **T24N R13E Sec4**

Owner Name
CROWE OLIVER EUGENE LIFE ESTATE HEIR CRO

Owner Name

Address
3800 HWY 20

Address

City, State Zip
CALERA, AL 35040

Site Information

Subdivision Name:	Primary Lot:	Secondary Lot:
Block: 000	Map Block: 0	Map Page: 0
Lot Dimension 1: 245	Lot Dimension 2: 180	Acres: 1
Municipality: Calera		

Description
COM S ROW ST HWY 25 & E ROW CTY RD 17 & 20 SLY ALG SD W LN 125 TO POB CONT ALG SD W LN 245ELY 180 NLY 245 WLY

Remarks
DB 309 PG 517(JSD);

Document Links
https://probate.records.shelbyal.com/shelby/search.do?dmy=20200110000015570=&indexName=details&templateName=Details_SN&lg=20200110000015570



Mayor Graham introduced the following Ordinance:

ORDINANCE NO. 2022-12

WHEREAS, the Planning Commission of the City of Calera, Alabama conducted a public hearing on **April 5, 2022** and has recommended changes in the City of Calera zoning map, and advises that said zoning is in compliance with the City of Calera Comprehensive Plan, and

WHEREAS, the Council of the City of Calera, Alabama has conducted a public hearing after proper legal and actual notice to landowners to consider changes in the zoning map recommended by the Planning Commission.

IT IS THEREFORE ORDAINED BY THE MAYOR AND
COUNCIL OF THE CITY OF CALERA, ALABAMA AS FOLLOWS:

That the zoning request of property described in **Exhibit A** be rezoned as follows:

From: R3 (Single Family Residential)

To: B2 (General Business)

Council Member Cost moved that unanimous consent of the Council be given for immediate action upon Ordinance No. 2022-12. Council Member Turner seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Thereupon, the Mayor declared said motion carried and unanimous consent given for the consideration of said Ordinance.

Council Member Cost moved that Ordinance No. 2022-12 be adopted. Council Member Morgan seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Mayor Graham declared Ordinance No. 2022-12 adopted.

Adopted this 2nd day of May, 2022.

Connie B. Payton, City Clerk

Jon G. Graham, Mayor

plan # 000076-2022

APPLICATION FOR REZONING Inv# 19391

PLANNING COMMISSION, CITY OF CALERA, ALABAMA

\$150.⁰⁰

1. Date Application filed: 2-15-2022 Requested Hearing Date: _____
2. Applicant: Gregory & Stephanie Haynes
Phone: 205-568-2845
Address: 660 Hwy 213 Calera, AL 35040
3. Owner: Gregory & Stephanie Haynes
Phone: 205-568-2845
Address: 660 Hwy 213 Calera AL 35040
4. Property Location: Same as above. See supporting Documentation
Tax Map Parcel Number (s): 28.2.09.0.001.006.000
5. Acreage: 1
6. Existing Zoning Classification: Residential Existing Land Use: Residential
Proposed Zoning Classification: Commercial Proposed Land Use: Commercial
7. Check all required submissions with this application:

Application Fee
Reason for the Request
Legal Description of the subject Property
Vicinity Map
Availability Of Required Utilities
Public Hearing Notices
Site Plan
Proffer of rezoning conditions (if any)

Signature of Applicant: Dug Haynes

Signature of Authorization By Owner: Dug Haynes Stephanie Haynes

FOR CITY USE ONLY:

\$150.00 Administrative fee received on _____ by receipt # _____

Scheduled Hearing Date: April 5th 2022

Application Submitted by: Gregory Haynes on: 2/15/2022

Map Print





PROPERTY INFORMATION

PID # 28-2-09-0-001-006,000
Property Type: Residential
Property Address:
CALERA, AL 35040
Current Owner:
GREGORY & STEPHANIE HAYNES
Tax Mailing Address:
660 HIGHWAY 213
CALERA, AL 35040-5435
Land Areas:
1. M.H./RES / 110
Lot Size: 1 acres / 43,560 sf
Frontage: 69 ft
Depth: 474 ft
Tax District: CALERA
Subdivision:

Twn: 22S / **Rng:** 02W / **Sec:** 09
Block: 000 / **Lot:**
Legal Description:
- COM NE COR NW1/4 NE1/4 W ALG SEC LN
185.32 S208.57 W58.5 SE162.2 TO POB SE161.27
W474.36 TO E ROW CO RD#213 NWLY69.42 ALG
ROW NE94.81 E291.27 TO POB
Plat Book: 00 / **Plat Page:** 000
Census Tract: 030501 / **Block:** 3014
Lat: 33.137922 **Lon:** -86.749181

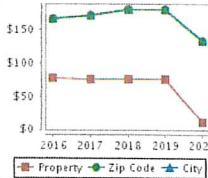


Residential Agricultural Government Water
Commercial Industrial Other Condo

based on general land use classification not zoning

Active Sold Pending Withdrawn Canceled Expired

	2016	2017	2018	2019	2020
Building Value:	\$0	\$0	\$0	\$10,710	\$0
Extra Feature Value:	\$11,870	\$10,710	\$10,710	\$11,410	\$11,410
Land Value:	\$65,340	\$65,340	\$65,340	\$65,340	\$65,340
Total Assessed Value:	\$77,210	\$76,050	\$76,050	\$76,050	\$76,750
Percent Change:	- n/a -	-1.5%	0%	0%	0.92%
Total Exemptions:					
Taxable Value:	\$7,740	\$7,620	\$7,620	\$7,620	\$7,690
Tax Amount:	\$376.96	\$370.48	\$0.00	\$370.48	\$373.72



BUILDING INFORMATION								
1.	Manufactured Home		Living Area:	0 sf	Stories:	0.0	Year Built:	0
	Bathrooms:		Bedrooms:		Rooms:	0	Eff Year Built:	0
	First Floor:	0 sf	Adj Upper Area:	0 sf	Total Area:			0 sf
	Heating:		Fireplace:	No	Int Wall:			
	Flooring:		Ext Wall:		Plumbing:			NONE
	Roof Type:		Roof Material:		Grade:			NO

OTHER IMPROVEMENT INFORMATION		
Code	Description	Size / Area
MHD1000	MANUFACTURED HOME CLASS D 1000 SQFT	980 sf

Zone	Description	Panel #	Publication Date
X	Area that is determined to be outside the 1% and 0.2% chance floodplains.	01117C0413E	02/20/2013
Source: FEMA National Flood Hazard Layer (NFHL), updated 10/10/2021			

Mr. and Mrs. Greg Haynes Rezoning Supporting Information

1. **Reason for request:** Owners are seeking to change zoning classification in line with other properties in the area that have been approved for commercial classification and would like approval to classify the subject properties as commercial as well. The main objective is to list the property in the near future in line with the development and growth being realized in the Calera area.
2. The parcel is:
 - **28-2-09-0-001-006.000** - COM NE COR NW1/4 NE1/4 S235.46 TO POB CONT S176 NW323.47 E58.5 S26.89 E185.32 TO POB
3. **Legal Description of Subject Property (Seeking approval for commercial classification is):**
 - a. **28-2-09-0-001-006.000/ 1 Acre** - COM NE COR NW1/4 NE1/4 W ALG SEC LN 185.32 S208.57 W58.5 SE162.2 TO POB SE161.27 W474.36 TO E ROW CO RD#213 NWLY69.42 ALG ROW NE94.81 E291.27 TO POB
4. **Vicinity Map:** See enclosed IMAPP
5. **Availability of Required Utilities:** Water, Sewer, Cable, Electric, & Gas available
6. **Site Plan:** No site plan available. Objective is to sell to buyer seeking to use for commercial purposes.



Shelby County Land Information
Data Printed: 04/14/2022 (100' scale)

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Date: 04-14-2022

Shelby County, AL Property Record Information

Page: 1

PIN#: 28 2 09 0 001 006.000		Assessment Year: 2020	T22S R02W Sec9
Owner Name HAYNES GREGORY & STEPHANIE		Owner Name	
Address 660 HWY 213	Address	City, State Zip CALERA, AL 35040	
Site Information			
Subdivision Name:	Primary Lot:	Secondary Lot:	
Block: 000	Map Book: 0	Map Page: 0	
Lot Dimension 1: 89.42	Lot Dimension 2: 474.36	Acres: 1	
Municipality: Calera			
Description			
COM NE COR NW 1/4 NE 1/4 W ALG SEC LN 185.32 S208.57 W58.5 SE162.2 TO POB SE161.27 W474.36 TO E ROW CO RD#213 NWLY59.42 ALG ROW NE94.81 E291.27 TO POB			
Remarks			
DB 290 P 261;			
Document Links			
https://probaterrecords.shelbyal.com/shelby/search.do?dmy=20020610000272120=&indexName=details&templateName=Details_SN&iq=20020610000272120			
https://probaterrecords.shelbyal.com/shelby/search.do?dmy=20030226000118650=&indexName=details&templateName=Details_SN&iq=20030226000118650			
https://probaterrecords.shelbyal.com/shelby/search.do?dmy=19940913000280991=&indexName=details&templateName=Details_SN&iq=19940913000280991			

GEOHECHMS QUOTE



Prepared for:

Chris Pappas
City of Calera - Engineering Department
1074 10th St
Calera, AL 35040-8231

CivilGEO Engineering Software
8383 Greenway Blvd, 6th Floor
Middleton, WI 53562
USA

Toll Free: 800-488-4110
Phone: 608-729-5100
Fax: 608-729-5101

www.civilgeo.com

Quote #: 31117
Quote Date: Apr 26, 2022

Item Description	Qty	Price	Subtotal
GeoHECHMS Floating Network License, included with 13 months of annual maintenance. Annual maintenance includes FREE technical support and product updates. Annual maintenance renewal is 25% of the software price, but we provide an "early renewal" discount that lowers it to 20% if you renew before your maintenance agreement expires. If you wait longer than 1-year after your maintenance agreement expires, the maintenance fee goes up by 25% for each year missed.	1	\$4,995.00	\$4,995.00
		Subtotal	\$4,995.00
		Discount	\$700.00
		Total Amount	\$4,295.00

We accept credit card payments. Payment is secure online through a QuickBooks payment portal. We accept VISA, MasterCard, American Express, Discover, JCB, and Diners Club International credit cards. The credit card holder name, billing address, credit card number, expiration date, and the 3 digit code on the back of the credit card will be needed to complete the payment.

Alternatively, payments can be made by ACH Payment Service or Electronic Bank Wire Transfer. Bank routing information is:

ABA Routing Number 075900575
Swift Code ABGBUS44
Account Number 2213301415
Bank Name Associated Bank Green Bay
Company Name CivilGEO, Inc.

If you prefer to make payment by mailing a check (in US Dollars), please send your check to the following remittance address:

CivilGEO, Inc.
c/o Associated Bank. Mail by Deposit
7722 Mineral Point Road
Madison, WI 53717
USA



April 14, 2022

Mr. Jon Graham, Mayor
City of Calera Sewer Department
7901 Highway 31
Calera, Alabama 35040

Re: Proposal to Provide Professional Services Related to a Cost of Service Study for the City of Calera Sewer Department

Dear Mr. Graham,

We appreciate the opportunity to submit to you and the City of Calera Sewer Department ("the City") our proposal to assist you with the Revenue Requirements Analysis and Cost of Service Study detailed herein. We believe that you will find Jackson Thornton ("JT") to be especially qualified to assist the City with this project because of the extensive knowledge and experience that we have in the water industry.

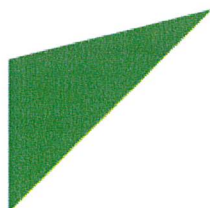
JT has performed similar cost of service and rate design projects for many other utilities in the Southeast. We will be glad to provide a list of references upon request. We currently provide more than 100 municipal, cooperative, and county public authorities with Cost of Service Study work.

PROJECT STAFFING

We anticipate that the staff involved in the Cost of Service Study project will primarily be Jim Marshall, Sarah Chandler, and Ryan Shubird. Jim will be the principal-in-charge and Sarah will serve as the senior manager on this project. We have additional professional staff dedicated to utility accounting and consulting that we can call upon if needed.

James B. Marshall, III, the principal responsible for electric, natural gas, water and sewer utility Cost of Service/Rate Study work has worked with utilities for more than 15 years. During that time, he has provided financial forecasting, cost of service, and rate design consulting projects for utilities throughout the southeast. Jim has also worked with manufacturing and commercial companies across the country on tax issues and utility negotiations. He is certified by the Association of Energy Engineers as an Energy Procurement Professional. Jim currently serves on AWWA's Rates and Charges Committee as well as the Co-Chair of the Utility Finance Management Committee for the Kentucky/Tennessee section of AWWA.

Sarah V. Chandler has more than 20 years of experience in the utilities industry in the areas of cost of service, rate design, and regulation. Sarah worked for eight years at the Alabama Public Service Commission as an Advisory Staff Analyst where she reviewed and evaluated rates and other filings for utilities. She also has rate design and cost of service experience with a large interstate natural gas pipeline. She has completed training classes for financial planning, rates, fees, and charges sponsored by AWWA. Sarah serves on AWWA's Finance, Accounting, and Management Controls Committee.



Jackson Thornton Certified Public Accountants & Consultants

200 Commerce Street, Montgomery, Alabama 36104-2591 P.O. Box 98, Montgomery, Alabama 36101-0098
334 834 7660 jacksonthornton.com A PROFESSIONAL CORPORATION

PROJECT OBJECTIVE

We understand from previous discussions with you and your management team that the objective of our work is to develop an analysis to determine the appropriate rates and costs of sewer service supplied and distributed to the customers of the City. In order to provide this analysis, meet the objectives of this engagement and provide the results desired from this project, we propose that this project be completed for as a multi-phased process.

- Phase I – Revenue Requirements Analysis "RRA" – This phase of the project includes working with the management team to review historical accounting and cost records for plant investment and expenditures. We will also review budgets (financial, capital requirements, cash flow, etc.) and bond indenture requirements in order to determine the projected revenue requirements of the system. After performing this RRA, we will know if the current rates will generate the needed revenue requirements for the system.
- Phase II – PART 1 - Prepare Embedded Sewer Cost of Service Study "COSS" – This phase of the project includes working with your management team to perform a detailed allocation of the distribution plant, operating expenses, debt service and capital improvement projects. From this phase we can determine if rate equity exists between rate classes. The results of this COSS will provide the support for any changes in the City's rates, if any are needed.
PART 2 - Prepare Preliminary Rate Designs for Each Rate Class – The second part of this phase includes using the COSS results to determine what changes in current rates are needed to generate the revenues desired from each rate class. After preliminary rates have been determined for each rate class, analysis can be prepared reflecting existing rates versus proposed rates and total revenues generated by each different rate class.

PROJECT PROCEDURES STANDARDS

The procedures employed by JT follow generally accepted cost of service principles. Our model is flexible to compensate for individual accounting practices. As a guideline, our sewer model follows the allocation processes detailed in the M-1 Manual ("Principles of Water Rates, Fees and Charges prescribed by the American Water Works Association"). Revenue requirements will be calculated using the Cash Method, unless otherwise desired. JT has developed a comprehensive Cost of Service model that allows Management and the City to explore any study variations desired.

We will provide an information request form prior to the first on-site meeting. The timely and accurate completion of this request is essential to our completion of the services described above.

During the course of our engagement, we may accumulate records containing data that should be reflected in the City's books and records. The City will determine that all such data, if necessary, will be so reflected. Accordingly, the City will not expect us to maintain copies of such records in our possession.

CONFIRMATION OF MANAGEMENT RESPONSIBILITY

Professional rules concerning independence require that we confirm your overall responsibility for evaluating our nonattest services, and a failure to confirm your management responsibility could affect our independence. Thus, the City agrees to assume all management responsibilities for subject matter and scope of the services under this arrangement letter. Mayor Jon Graham, a senior member of management will oversee our services, and the City has indicated that this individual possesses suitable skill, knowledge, and experience to understand the services to be performed sufficiently to oversee them. The City also agrees to accept responsibility for evaluating the adequacy and results of the services performed and to accept responsibility for the results of such services.

PROJECT FEES

Our projected time and effort for an embedded COS/Rate Study as described above is \$15,000 for a single-year engagement.

Our price includes the development of cost curves by rate class and the comparison of current to proposed rates. The above fee does not include any meetings with staff or council. All meeting time will be billed at our standard hourly rates.

All fees are based on the understanding that the City will provide JTUC the data needed on a timely basis. JTUC will furnish the staff of the City with an "information request" form prior to the first on-site meeting. All reasonable travel and out-of-pocket expenses will be billed at cost. The above fees do not include travel time, which will be billed at one-half our standard billing rates and capped to two and one-half (2.5) hours per person, per round trip.

Any changes to the project (change of test year, financial projections, rate classes, billing data, etc.) after initial criteria are set will require a change order. JT will provide an estimate as to the cost of any of these changes, and will receive approval by your management before proceeding.

Our fees for these services will be billed periodically as the work progresses. Such bills are payable on presentation and a late charge of 1½ % per month will be imposed for any portion of the billed amount not paid within 30 days of the bill date. We reserve the right to suspend our work and/or to terminate our engagement if any bill is not paid in full within 30 days of the bill date. In the event of suspension of our work or termination of our engagement, such work shall not be resumed and such engagement shall not be reinstated, as the case may be, until the account balance and all late charges are paid in full.

CLAIM RESOLUTION

It is agreed by the City and JT or any successors in interest that no claim arising out of services rendered pursuant to this agreement by or on behalf of the City shall be asserted more than two years after the date of the last report issued by JT.

JT and the City each acknowledge that there are risks involved with communicating and storing data via electronic means. Accordingly, to the fullest extent permitted by law, JT and the City each waive and acknowledge that neither party shall have any claim against the other based upon, relating to, or arising from the use of electronic systems (including, but not limited to, email and cloud computing systems). Without limiting the generality of the foregoing, neither party shall be liable for any damages arising from any and all data breaches, the delivery of communications, data, or documents to unintended recipients, or the interception or viewing of communications, data, or documents by unintended or unauthorized individuals or entities.

ELECTRONIC SIGNATURES AND COUNTERPARTS

Each party hereto agrees that any electronic signature of a party to this Agreement or any electronic signature to a document contemplated thereby (including any representation letter) is intended to authenticate such writing and shall be as valid, and have the same force and effect, as a manual signature. Any such electronically signed document shall be deemed (i) to be "written" or "in writing," (ii) to have been signed, and (iii) to constitute a record established and maintained in the ordinary course of business and an original written record when printed from electronic files. Each party hereto also agrees that electronic delivery of a signature to any such document (via email or otherwise) shall be as effective as manual delivery of a manual signature. For purposes hereof, "electronic signature" includes, but is not limited to, (i) a scanned copy ((as a "pdf" (portable document format) or other replicating image)) of a manual ink signature, (ii) an electronic copy of a traditional signature affixed to a document, (iii) a signature incorporated

into a document utilizing touchscreen capabilities, or (iv) a digital signature. This Agreement may be executed in one or more counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same agreement. Paper copies or "printouts," of such documents, if introduced as evidence in any judicial, arbitral, mediation or administrative proceeding, will be admissible as between the parties to the same extent and under the same conditions as other original business records created and maintained in documentary form. Neither party shall contest the admissibility of true and accurate copies of electronically signed documents on the basis of the best evidence rule or as not satisfying the business records exception to the hearsay rule, statute of frauds, or any other evidentiary objection or theory premised upon the execution and/or delivery of the document by electronic means.

Any and all documents executed by electronic signatures shall be retained in a readily accessible format in accordance with the respective party's document retention policy. In the event that either party shall lose or otherwise be unable to produce its original document, such party may request the other party to produce the original document in whatever format it is currently stored, and reimburse the producing party for its cost and expense incurred in providing such documents.

CONFIRMATION OF AGREEMENT

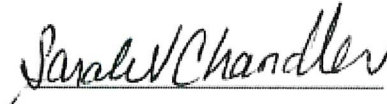
This letter constitutes the complete and exclusive statement of agreement between Jackson Thornton & Co., P.C. and the City of Calera Sewer Department, superseding all proposals, oral or written, and all other communications, with respect to the terms of the engagement between the parties.

Please sign and return a copy of this letter to indicate your acknowledgment of, and agreement with, the arrangements for our services.

JACKSON THORNTON & CO.,



James B. Marshall, III
Principal



Sarah V. Chandler
Senior Manager

Confirmed on behalf of the addressee:

Signature



2 Mill & Main; Suite 630; Maynard, MA 01754

Service Order

Created by	Michael Lepore
Contact Phone	781-254-5044
Contact Email	mlepore@cleargov.com

Order Date	Apr 13, 2022
Order valid if signed by	May 1, 2022

Customer Information					
Customer	Calera, AL	Contact	Kelly Ellison	Billing Contact	
Address	7901 Highway 31	Title	Finance Director	Title	
City, St, Zip	Calera, AL 35040	Email	kellison@calera.org	Email	
Phone	tel:(205) 668-3877			PO # (if any)	

To be clear, you will be billed as follows...		
Billing Date(s)	Amount(s)	Notes
May 1, 2022	\$ 3,600.00	One Time Setup Fee
May 1, 2022	\$ 7,250.00	5 Month Pro Rata Subscription Fee
Oct 1, 2022	\$ 17,400.00	Annual Subscription Fee
Additional subscription years and/or renewals will be billed annually in accordance with pricing and terms set forth herein.		

ClearGov will provide your Services according to this schedule...			
Period	Start Date	End Date	Description
Setup	May 1, 2022	May 1, 2022	ClearGov Setup Services
Pro-Rata	May 1, 2022	Sep 30, 2022	ClearGov Subscription Services
Initial	Oct 1, 2022	Sep 30, 2027	ClearGov Subscription Services

The Services you will receive and the Fees for those Services are...		
Set up Services		Tier/Rate
ClearGov Setup: Includes activation, onboarding and training for ClearGov solutions.		Tier 1
ClearGov Setup Bundle Discount: Discount for bundled solutions.		Tier 1
Total ClearGov Setup Service Fee - Billed ONE-TIME		\$ 3,600.00
Subscription Services		Tier
ClearGov Operational Budgeting - Civic Edition		Tier 1
ClearGov Personnel Budgeting - Civic Edition		Tier 1
ClearGov Capital Budgeting - Civic Edition		Tier 1
ClearGov Digital Budget Book - Civic Edition		Tier 1
ClearGov Transparency - Civic Edition		Tier 1
ClearGov Budget Cycle Management Bundle Discount: Discount for bundled solutions.		Tier 1
Total ClearGov Subscription Service Fee - Billed ANNUALLY IN ADVANCE		\$ 17,400.00
Billing Terms and Conditions		
Valid Until	May 1, 2022	Pricing set forth herein is valid only if ClearGov Service Order is executed on or before this date.
Payment	Net 30	All invoices are due Net 30 days from the date of invoice.
Rate Increase	3% per annum	After the Initial Service Period, the Annual Subscription Service Fee shall automatically increase by this amount.

Customer Upgrades (ClearGov internal use only)		
This Service Order is a Customer Upgrade	No	If Yes: Original Service Order Date

General Terms & Conditions

Customer Satisfaction Guarantee	During the first thirty (30) days of the Service, Customer shall have the option to terminate the Service, by providing written notice. In the event that Customer exercises this customer satisfaction guarantee option, such termination shall become effective immediately and Customer shall be eligible for a full refund of the applicable Service Fees.
Statement of Work	ClearGov and Customer mutually agree to the ClearGov Service activation and onboarding process set forth in the attached Statement of Work.
Taxes	The Service Fees and Billing amounts set forth above in this ClearGov Service Order DO NOT include applicable taxes. In accordance with the laws of the applicable state, in the event that sales, use or other taxes apply to this transaction, ClearGov shall include such taxes on applicable invoices and Customer is solely responsible for such taxes, unless documentation is provided to ClearGov demonstrating Customer's exemption from such taxes.
Term & Termination	Subject to the termination rights and obligations set forth in the ClearGov Service Agreement, this ClearGov Service Order commences upon the Order Date set forth herein and shall continue until the completion of the Service Period(s) for the Service(s) set forth herein. Each Service shall commence upon the Start Date set forth herein and shall continue until the completion of the applicable Service Period.
Auto-Renewal	After the Initial Period, the Service Period for any ClearGov Annual Subscription Services shall automatically renew for successive annual periods (each an "Annual Term"), unless either Party provides written notice of its desire not to renew at least sixty (60) days prior to the end of the then current Annual Term.
Agreement	This ClearGov Service Order shall become binding upon execution by both Parties. The signature herein affirms your commitment to pay for the Service(s) ordered in accordance with the terms set forth in this ClearGov Service Order and also acknowledges that you have read and agree to the terms and conditions set forth in the ClearGov Service Agreement found at the following URL: http://www.ClearGov.com/terms-and-conditions . This Service Order incorporates by reference the terms of such ClearGov Service Agreement.
Appropriations	ClearGov acknowledges that this Service Order is subject to ongoing appropriations by Customer's applicable appropriating body and/or board of directors.

Customer	
Signature	
Name	Kelly Ellison
Title	Finance Director

ClearGov, Inc.	
Signature	
Name	Bryan A. Burdick
Title	President

Please e-mail signed Service Order to Orders@ClearGov.com or Fax to (774) 759-3045

Mayor Graham introduced the following Ordinance:

ORDINANCE NO. 2022-13

Amending City Code to Exempt Certain “Covered Items” from the Municipal Sales and Use Tax during the “Back-to-School Sales Tax Holiday” as Authorized by 40-23-210 through 40-23-213, Code of Alabama 1975.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CALERA,
ALABAMA, as follows:

Section 1. The Code of Ordinances of the City of Calera is amended by adding a new section, designated as Section 5-26, as follows:

Sec. 74-233. Sales tax holiday.

(a) In conformity with the provisions 40-23-210 through 40-23-213, Code of Alabama 1975, providing for a State Sales Tax Holiday, the City of Calera exempts “covered items” from municipal sales tax during the same period, beginning at 12:01 a.m. on the Friday, July 15, 2022 and ends at twelve midnight on Sunday, July 17, 2022.

(b) This section shall be subject to all terms, conditions, definitions, time periods, and rules as provided by 40-23-210 through 40-23-213, Code of Alabama 1975, except that the time period shall only be as specified in subsection (a) and not for all years thereafter.

Section 2. The Code of Ordinances of the City of Calera is amended by adding a new section, designated as Section 5-27, as follows:

Sec. 74-263. Use tax holiday.

(a) In conformity with the provisions 40-23-210 through 40-23-213, Code of Alabama 1975, providing for a State Sales Tax Holiday, the City of Calera exempts “covered items” from municipal use tax during the same period, beginning at 12:01 a.m. on the Friday, July 15, 2022 and ends at twelve midnight on Sunday, July 17, 2022.

(b) This section shall be subject to all terms, conditions, definitions, time periods, and rules as provided by 40-23-210 through 40-23-213, Code of Alabama 1975, except that the time period shall only be as specified in subsection (a) and not for all years thereafter.

Section 3. This ordinance shall become effective on July 1, 2022.

Council Member Watts moved that unanimous consent of the Council be given for the immediate action upon said Ordinance. Council Member Cost seconded said motion and upon vote the results were:

AYES: Montgomery, Watts, Morgan, Graham, Cost, Busby, Turner

NAYS: None

The Mayor declared said motion carried and unanimous consent given.

Council Member Turner moved that Ordinance No. 2022-13 be adopted, which motion was seconded by Council Member Morgan and upon vote the results were as follows:

AYES: Montgomery, Watts, Morgan, Graham, Cost, Busby, Turner

NAYS: None

Adopted this 2ND day of May 2022.

Mayor Graham declared Ordinance No. 2022-13 adopted.

Connie B. Payton, City Clerk

Jon G. Graham, Mayor

Mayor Graham introduced the following Resolution:

RESOLUTION NO. 2022-14

WHEREAS, POCOBO Farms Alabaster, LLC has filed a petition with the City of Alabaster, Alabama, requesting that the City of Alabaster annex certain land; and

WHEREAS, the land requested to be annexed to the City of Alabaster lies within the overlapping police jurisdictions of the City of Alabaster and the City of Calera, Alabama, such that a portion of the land lies closer to the city limit line of the City of Calera; and

WHEREAS, the City of Alabaster, pursuant to Ala. Code § 11-42-21(c), has requested the assent of the City of Calera to the annexation;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Calera, Alabama, as follows:

1. That the City hereby assents to the annexation by the City of Alabaster of the following described land:

A parcel of land situated in Section 28, Township 21 South, Range 2 West, Shelby County, Alabama and being more particularly described as follows:

Commence at the NW Corner of the NE 1/4 of the NE 1/4 of Section 29, Township 21 South, Range 2 West, Shelby County, Alabama; thence N 86° 56' 56" W a distance of 72.06 feet; thence S 16° 27' 54" W a distance of 268.31 feet; thence S 04° 03' 38" W a distance of 670.61 feet; thence S 87° 34' 20" E a distance of 316.39 feet; thence S 02° 12' 35" E a distance of 85.81 feet; thence S 87° 57' 56" E a distance of 1335.08 feet to the POINT OF BEGINNING; thence continue S 87° 57' 56" E a distance of 142.23 feet to the Westerly R.O.W. line of U.S. Highway 31; thence N 16° 26' 06" W and along said R.O.W. line a distance of 35.82 feet to a curve to the left, having a radius of 2950.00 feet, subtended by a chord bearing N 20° 17' 24" W, and a chord distance of 396.65 feet; thence along the arc of said curve and along said R.O.W. line for a distance of 396.95 feet; thence S 00° 47' 30" E and leaving said R.O.W. line a distance of 401.38 feet to the POINT OF BEGINNING.

Said Parcel containing 0.71 acres, more or less.

2. The Clerk is authorized and directed to forward a copy of this Resolution to the City Clerk of Alabaster, Alabama.

Council Member Busby moved that unanimous consent of the Council be given for immediate action upon Resolution No. R-2022-14. Council Member Cost seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Council Member Morgan moved that Resolution No. R-2022-14 be adopted. Council Member Busby seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Mayor Graham declared Resolution No. R-2022-14 adopted.

Adopted this 2nd day of May, 2022.

Jon G. Graham, Mayor

ATTEST:

Connie Payton, City Clerk

Request to Extend the Six Month Hold on any PUD Developments passed at the December 20, 2021, Council Meeting for an additional Six Months

(Section from the December 20, 2021, Council Meeting Relating to the Six Month Hold on PUD Developments)

Bill Davis, Chairman of the Planning Commission request a Six Month Hold on any new PUD developments.

Bill Davis, Chairman of the Planning Commission request approval to hire Trip Galloway under the same fee schedule of his last billing. Mr. Galloway will work with Bill Justice and Butch Ellis as we update the PUD Section of the Zoning Ordinance.

Council Member Morgan made a motion to approve the Six Month Hold on any new PUD development and the hiring of Trip Galloway. Council Member Watts seconded said motion and upon vote, the results were as follows:

AYES: Busby, Cost, Graham, Montgomery, Morgan, Turner, Watts

NAYS: None

Motion Passed – December 20, 2021

MUNICIPAL WATER POLLUTION PREVENTION (MWPP)

ANNUAL REPORT

SUBMITTED BY:

TREATMENT FACILITY: Calera Pollution Control Plant NPDES #: AL0050938

MUNICIPALITY: City of Calera **COUNTY:** Shelby

CONTACT PERSON: Jon Graham
Responsible Official
Mayor
Title

Telephone #: 205-668-3500 Fax #: 205-6683624

Email Address: jgraham@calera.org

CHIEF OPERATOR: Michael Franks
Name

Telephone #: 205668-3817 Fax #:

Email Address: mfranks@calera.org

Date: 2/25/2022

REVIEWED BY: Chris Pappas
Consulting Engineer

Telephone #: 205-668-3814 Fax #: 205-668-3821

Date: 4/28/2022

**MWPP Annual Report
Information Source List**

The following information will be needed to complete the compliance maintenance report that covers the calendar year of 2021 (due **May 31**, 2022).

- Part 1 A. The average plant influent flow for each month (million gallons per day/MGD) during the year.
 B. The average plant influent BOD (CBOD) for each month (mg/l and lb/day) in the year.
 C. The plant's average design flow (MGD) and design BOD (CBOD) loading (lbs/day).
- Part 2 A. The monthly average permit and DMR effluent concentration for BOD (CBOD), TSS, NH3-N, and/or TKN in mg/l for the year
 B. The monthly average effluent limits and DMR loading for BOD (CBOD), TSS, NH3-N, and/or TKN in lbs/day for the year
- Part 3 The age of the treatment plant defined as the number of years since the last major reconstruction to increase the organic or hydraulic capacity of the plant. The last calendar year minus the year the new construction was brought on-line.
- Part 4 Bypass and overflow information. This is the number of bypass or overflow events of untreated wastewater due to heavy rain or equipment failure whether intentional or inadvertent from all collection systems tributary to the treatment facility.
- Part 5 A. Describe the characteristics and quantity of sludge generated.
 B. If sludge is landspread, how many months of sludge storage does the plant have? This should include on-site and off-site storage from the treatment plant. The digester capacity may be used in the calculation.
- Part 6 A. Sludge Disposal Method
 B. The number of approved land disposal sites for sludge available, and how many months or years these disposal sites will these be available for use.
- Part 7 The number of sewer extensions installed in the community last year, the design population, design flow, and design BOD (CBOD) for each sewer extension.
- Part 8 Operator Certification
- Part 9 Financial Status
- Part 10 Subjective Evaluation
- Part 11 Summary Sheet

Instructions to the Operator-in-Charge

1. Complete all sections of the MWPP Report to the best of your ability.
2. Parts 1 through 8 contain questions for which points will be generated. These points are intended to communicate to the Department and the governing body or owner the actions necessary to prevent effluent violations. Enter the point totals from Parts 1 through 8 on Part 11: Summary Sheet.
3. Add the point totals on Part 11: Summary Sheet.
4. Submit the MWPP Report to the governing body and the consulting engineer and owner for review and approval.
5. The governing body should pass a resolution which contains the following points:
 - a. The resolution should acknowledge the governing body or owner has reviewed the MWPP Report.
 - b. The resolution should indicate what actions will be taken to prevent effluent violations.
 - c. The resolution should provide any other information the governing body or owner deems appropriate.
6. **The MWPP Report and the resolution must be submitted by May 31st to Municipal Section, Water Division, ADEM, P.O. Box 301463, Montgomery, AL 36130-1463.**

Facility Name: Calera Pollution Control Plant

Part 1: Influent Loading/Flows

- A. List the average monthly volumetric flows and BOD₅ (CBOD₅) loadings received at your facility during the last calendar year.

<u>Month</u>	<u>Column 1 Average Monthly Flowrate (MGD)</u>	<u>Column 2 Average Monthly BOD₅ (CBOD₅) Concentration (mg/l)</u>	<u>Column 3 Average Loading BOD₅ (CBOD₅) (lbs/day**)</u>
January	1.084	125	771
February	1.206	130	1061
March	1.023	150	1020
April	0.973	181	1100
May	0.925	216	1357
June	1.026	0148	1085
July	1.188	156	1376
August	0.778	234	1188
September	0.849	254	1521
October	0.811	188	1111
November	0.650	246	1078
December	0.785	262	1409
Annual Avg.	0.941	190	1173

** As reported on NPDES Discharge Monitoring Reports (DMRs) and as required by EPA's NPDES Self-Monitoring System, User Guide, March 1985.

- B. List the average design flow and average design BOD₅ (CBOD₅) loading for the facility below. If you are not aware of these design quantities, contact your consulting engineer.

	<u>Average Design Flow</u>	<u>Average Design BOD₅ (CBOD₅) Loading (lbs/day)</u>
Design Criteria	1.50 MGD	2,502.00
90% of the Design Criteria	1.35MGD	2,251.80

C. How many times did the monthly flow (Column 1) to the WWTP exceed 90% of design flow?

0 (Check the appropriate point total)

☒ 0 - 4 = 0 points ☐ 5 or more = 5 points

D. How many times did the monthly flow (Column 1) to the WWTP exceed the design flow?

0 (Check the appropriate point total)

☒ 0 = 0 points ☐ 1 - 2 = 5 points ☐ 3 - 4 = 10 points ☐ 5 or more = 15 points

E. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed 90% of the design loading?

0 (Check the appropriate point total)

☒ 0 - 1 = 0 points ☐ 2 - 4 = 5 points ☐ 5 or more = 10 points

F. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed the design loading?

0 (Check the appropriate point total)

☒ 0 = 0 points ☐ 1 = 10 points ☐ 2 = 20 points ☐ 3 = 30 points ☐ 4 = 40 points ☐ 5 or more = 50 points

G. Enter each point value marked for C through F and enter the sum in the appropriate blank below.

C points = 0

D points = 0

E points = 0

F points = 0

TOTAL POINTS VALUE FOR PART 1 0

Enter this value on Part 11: Summary Sheet.

*To obtain equivalent BOD₅ loading for comparison with design loading for those permittees using influent CBOD₅, divide annual average CBOD₅ loading in lbs/day from Part 1, A by 0.7.

Facility Name: Calera Pollution Control Plant

Part 2: Effluent Quality/Plant Performance

- A. List the monthly average permit limits for the facility in the blanks below and the average monthly effluent DMR BOD₅, (CBOD₅) TSS, NH₃-N and/or TKN concentration produced by the facility during the last calendar year.

(1) NPDES Permit Concentration

Permit Limit	Months	BOD ₅ (CBOD ₅) (mg/l)	TSS (mg/l)	NH ₃ -N (mg/l)	TKN (mg/l)
	May-Nov.	3.5	30	0.50	Report
	Dec.-April	8.0	30	1.50	Report

(2) DMR Concentration

Qtr	Month	BOD ₅ (CBOD ₅) (mg/l)	TSS (mg/l)	NH ₃ -N (mg/l)	TKN (mg/l)
1	January	0.41	0.21	0.01	0.75
	February	0.71	0.21	0.01	1.06
	March	0.02	0.20	0.02	0.54
2	April	0.24	0.23	0.01	12.05
	May	0.04	0.80	0.03	0.52
	June	0.20	0.53	0.01	0.38
3	July	3.17	0.36	0.01	4.72
	August	1.14	1.52	0.04	2.56
	September	0.42	0.54	0.02	0.90
4	October	0.22	0.38	0.08	1.87
	November	0.52	0.42	0.05	0.76
	December	0.30	0.43	0.51	2.66
Annual Avg.		0.61	0.48	0.06	2.39

B. List the monthly average permit limit and DMR loadings below.

(1) NPDES Permit Loading

Permit Limit	Months	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
	May-Nov.	43.7	375	6.20	Report
	Dec.-April	100.0	375	18.70	Report

(2) DMR Loading

Qtr	Month	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
1	January	2.71	1.38	0.08	6.27
	February	5.88	1.74	0.08	7.06
	March	0.09	1.41	0.15	4.20
2	April	1.50	1.44	0.06	68.58
	May	0.54	4.67	0.20	3.27
	June	1.92	3.90	0.07	3.36
3	July	31.81	3.14	0.09	61.98
	August	4.91	7.87	0.18	12.59
	September	2.55	3.13	0.12	5.30
4	October	1.54	2.36	0.38	18.34
	November	2.00	1.84	0.23	3.98
	December	1.55	2.28	2.80	21.61
Annual Avg.		4.75	2.93	0.37	18.04

C. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points

☐ Yes = 121 points

- D. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- E. During the past year did the effluent TSS concentration (mg/l) or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- F. During the past year did the TSS concentration (mg/l) and/or loading (lbs/day) exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- G. During the past year did the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- H. During the past year did either the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- I. Enter each point value checked for C through H in the blanks below.

C Points = 0

D Points = 0

E Points = 0

F Points = 0

G Points = 0

H Points = 0

HIGHEST INDIVIDUAL POINT VALUE FOR PART 2 (C-H) 0 (HIGHEST POINT = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Calera Pollution Control Plant

Part 3: Age of the Wastewater Treatment Facility

A. What year was the wastewater treatment plant constructed or last reconstructed? 2005

Subtract the above answer from the report year to determine age:

Age = (Last Calendar year) - (Answer to A)

Age 16 = (2021) - (2005)

Enter Age in Part C below.

B. Check the type of treatment facility employed.

	Factor
<u>X</u> Mechanical Treatment Plant	2.0
<u> </u> Aerated Lagoon	1.5
<u> </u> Stabilization Pond	1.0
<u> </u> Other (Specify: <u> </u>)	1.0

C. Multiply the factor listed next to the type of the facility your community employs by the age of your facility to determine the total point value for Part 3:

2.0 x 16 = 32 TOTAL POINT VALUE FOR PART 3
(Factor) (Age)

Enter the above value on Part 11: Summary Sheet. If the total point value exceeds 40, enter 40 on Part 11: Summary Sheet.

Facility Name: Calera Pollution Control Plant

Part 4: Bypassing and Overflows

- A. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to heavy rain? 0
- B. How many bypass or overflow events of untreated wastewater occurred in the last year prior to the headworks of the WWTP due to heavy rain? 1
- C. How many of the bypass or overflow events listed in Parts A and B have been corrected such that future bypass or overflow events at the same location due to heavy rain are not anticipated? 0

- D. Add together Answers A and B and subtract Answer C from that total.

A + B – C = 1 (Check the appropriate point total.)

- ☐ 0 = 0 points ☒ 1 = 5 points ☐ 2 = 10 points ☐ 3 = 15 points
☐ 4 = 20 points ☐ 5 = 25 points ☐ 6 = 30 points ☐ 7 = 35 points
☐ 8 = 40 points ☐ 9 = 45 points ☐ 10 = 50 points ☐ 11 or more = 100 points

- E. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to equipment failure? (This includes clogged/broken lines or manholes.) 0
- F. How many bypass or overflow events of untreated wastewater occurred in the last year due to equipment failure prior to the headworks of the WWTP? (This includes clogged/broken lines or manholes.) 0
- G. How many of the bypass or overflow events listed in Parts E and F have been corrected such that future bypass or overflow events at the same location due to the same equipment failure are not anticipated? 0

- H. Add together Answers E and F and subtract Answer G from that total.

E + F – G = 0 (Check the appropriate point total.)

- ☒ 0 = 0 points ☐ 1 = 5 points ☐ 2 = 10 points ☐ 3 = 15 points
☐ 4 = 20 points ☐ 5 = 25 points ☐ 6 = 30 points ☐ 7 = 35 points
☐ 8 = 40 points ☐ 9 = 45 points ☐ 10 = 50 points ☐ 11 or more = 100 points

- I. Add point values checked in D and H and enter the total in the blank below.

TOTAL POINT VALUE FOR PART 4 5
Enter this value on Part 11: Summary Sheet.

All bypass or overflow events that have occurred in the last year (for any reason) must be individually reported with this MWPP report.

Facility Name: Calera Pollution Control Plant

Part 5: Sludge Quantity and Storage

- A. Please provide information concerning sludge quantity, characteristics, and storage practices based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months of sludge storage capacity does the wastewater treatment facility have available, either on-site or off-site? (i.e., How many months can the facility operate without land spreading or disposing of sludge?) 6 months

(Check the appropriate point total.)

- | | |
|---|--|
| Greater than or equal to 4 months | ☒ = 0 points |
| Less than 4 months, but greater than or equal to 3 months | ☐ = 10 points |
| Less than 3 months, but greater than or equal to 2 months | ☐ = 20 points |
| Less than 2 months, but greater than or equal to 1 month | ☐ = 30 points |
| Less than one month | ☐ = 50 points |

TOTAL POINT VALUE FOR PART 5 0

Enter this value on Part 11: Summary Sheet.

Part 6: Sludge Disposal Practices and Sites

- A. Please provide the sludge disposal practices and site information based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months or years does the facility have access to and approval for sufficient land disposal sites to provide proper land disposal? (Check the appropriate point total.)

- | | |
|--------------------|--|
| 36 or more months | ☒ = 0 points |
| 24 - 35 months | ☐ = 10 points |
| 12 - 23 months | ☐ = 20 points |
| 6 - 11 months | ☐ = 30 points |
| Less than 6 months | ☐ = 50 points |

TOTAL POINT VALUE FOR PART 6 0

Enter this value on Part 11: Summary Sheet.

Facility Name: Calera Pollution Control Plant

Part 7: New Development

Are there any major new developments (industrial, commercial, or residential) in the last calendar year or anticipated in the next 2-3 years such that either flow or BOD₅ (CBOD₅) loadings to the sewage system could significantly increase? Estimate additional loadings below.

Design Population: 1560 Design Flow: 0.156 MGD Design BOD₅ (CBOD₅): 455.4 lbs/day
Equivalent (PE)

List industrial and/or residential developments.

Timberline, Emerald Ridge, Camden Park,
Stonebriar

Will the additional loading overload the plant?
(Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

Enter the point total in the blank below.

TOTAL POINT VALUE FOR PART 7 0 (highest point total = 121)

Enter this value on Part 11: Summary Sheet.

Part 8: Operator Certification

Complete the *Plant and Collection System Personnel Inventory*, ADEM Form 441.

Do both the plant operator and collection system staffing comply with ADEM Administrative Code; Division 10, Operator Certification Program?
(Check the appropriate point total.)

☒ Yes = 0 points ☐ No = 121 points

TOTAL POINT VALUE FOR PART 8 0 (highest point total = 121)

Enter this value on Part 11: Summary Sheet.

Facility Name: Calera Pollution Control Plant

Part 9: Financial Status

- A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses? If no, how are O&M costs being financed? **Include user charge rates.**

yes

Residential Minimum \$16 Plus rate 4.90 /1,000 gal.

Industrial Minimum _____ Plus rate _____ /1,000 gal.

Monthly residential rate based on 6,000 gallons usage \$ _____

- B. What financial resources are available to pay for the wastewater improvements and/or reconstruction needs?

SRF for future plant upgrades and collection system upgrades.

- C. Please attach a rate sheet and the most recent audit, if available.

Part 10: Subjective Evaluation

- A. Describe briefly the physical and structural conditions of the wastewater treatment facility.

Plant is physically sound but older and smaller in capacity.

- B. Describe the general condition of the sewer system (sewer lines, manholes, lift stations).

Collection system contains the oldest part of lines in our system. Lift stations have and are continuing to be updated as need, remediation of sewer lines are in future plans.

- C. What sewage system improvements does the community have planned for construction in the next 5 years?

Upgrades of main sewer lines with remediation of other mains as identified by ongoing camera inspections.

- D. What is the theoretical design life of the plant, and what is the estimated remaining useful life of the wastewater treatment facility?

- E. What problems, if any, over the last year have threatened treatment or conveyance within the system?

None

- F. Is the community presently involved in formal planning for treatment facility upgrading?

Yes

- G. How many days in the last year were there residential backups at any point in the collection system for any reason other than clogging of the lateral connection? _____

- H. Does the plant have a written plan for preventive maintenance on major equipment items? If yes, describe.

Yes, daily, weekly, monthly inspections and maintenance per O&M manuals.

- I. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment?

(Check the appropriate response.) ☒ Yes ☐ No

- J. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly?

(Check the appropriate response.) ☒ Yes ☐ No

- K. Describe any major repairs or mechanical equipment replacement made in the last year and include the approximate cost for those repairs. Do not include major treatment plant construction or upgrading programs.

WWTP centrifuge maintenance \$7,000.00

WWTP pumps (2) \$27,000

WWTP blower motor \$3,000

- L. List any additional comments. (Attach additional sheets if necessary.)

WWTP is in the process of obtaining and has spare pumps, mixers, motors and actuators.

Facility Name: Calera Pollution Control Plant

Part 11: Summary Sheet

1. Enter in the values from Parts 1 through 8 in the left column below. Add the numbers in the left column to determine the MWPP Report point total the wastewater system generated for the previous calendar year.

<u>Actual Values</u>	<u>Maximum Possible</u>
Part 1 <u>0</u> points	80 points
Part 2 <u>0</u> points	121 points
Part 3 <u>32</u> points	40 points
Part 4 <u>5</u> points	200 points
Part 5 <u>0</u> points	50 points
Part 6 <u>0</u> points	50 points
Part 7 <u>0</u> points	121 points
Part 8 <u>0</u> points	121 points
Total <u>37</u> points	783 points

2. Check the facility type that best describes the plant's treatment and disposal of wastewater.

- ☐ Mechanical plant with surface water discharge
☐ Aerated Lagoon or stabilization pond with surface water discharge
☒ Mechanical plant using land disposal of liquid wastes
☐ Aerated Lagoon or stabilization pond using land disposal of liquid wastes

3. Check the range that describes the action needed to address problems identified in the report.

- ☒ 0 - 70 points Actions as Appropriate*
☐ 71 - 120 points Departmental Recommendation Range*
☐ 121 – 783 points Municipality Action Range*

***Other actions may be required by NPDES outside the scope of this report.**

4. Complete the *Municipal Water Pollution Prevention Resolution Form*, ADEM Form 418.

5. In Question 1, do any of the actual point values in the left column equal the maximum possible points in the right column?

(Check the appropriate response.) ☐ Yes ☐ No

If yes, provide a written explanation for this situation in the space below.

MWPP SEWAGE SLUDGE SURVEY

Note: Permittees that submitted the "Annual Report Review Form" for sludge to the EPA may submit a copy with the MWPP in lieu of this Attachment

Facility Background Information:

1. Facility Information

Permit Number: AL0050938

Name: Calera Pollution Control Plant
Street Address: 2273 9th Street Calera, AL 35040
County: Shelby

2. Facility Contact

Name: Michael Franks
Title: Superintendent
Telephone: 205-668-3817
Permittee Name: City of Calera
Mailing Address: 7901 Highway 31
Calera, AL 35040

Facility Flow Information:

1. Facility Wastewater Treatment Capacity

Average Daily Flow: 0.786 MGD
Facility Design Capacity: 1.50 MGD

2. Estimated Septage Quantity Handled (Residuals Removed from Septic Tank Systems)

Average Domestic Septage: 0 gallons per month
Average Commercial Septage: 0 gallons per month

3. Method of Septage Processing

- ☐ Mixed with Influent Wastewater for Treatment
☐ Mixed with Sewage Sludge
☒ NA

4. Estimated Percentage Contributing Wastewater Flow

Residential: 100 %
Industrial: _____ %
Other: _____ % Describe: _____

5. List type of wastewater treatment process(es) utilized at this facility:

Clarification, disinfection, filtration, aerobic digestion, centrifuge, screening and aeration

6. Estimated sewage sludge wasting rate at this facility: 2,059.3 lb/day dry weight
or 24,693 gallons per day

7. Estimated untreated sludge received from off site: N/A lb/day dry weight
or N/A gallons per day

8. Estimated percent solids of combined sewage sludge prior to treatment: 1.0 %

9. List the sewage sludge treatment processes used in preparing sludge for final use or disposal:

Aerobic digestion, sludge thickening, dewatering digester and centrifuge

Sludge Quantity
(untreated pounds per day)

10. Estimate the total volume of sludge generated:

777.00
(dry U.S. tons per year)

Sludge Disposal Methods

1. Which of the following describes the current method of sewage sludge disposal for this facility?

	Current Practices		Quantity (dry U.S. tons/year)	Proposed Practices	
	Approved by ADEM Yes	No		Approved by ADEM Yes	No
a. ☐ Land Application, Bulk Shipped	☐	☐		☐	☐
☐ Agriculture	☐	☐		☐	☐
☐ Forest	☐	☐		☐	☐
☐ Public Contact	☐	☐		☐	☐
☐ Lawn/Home Garden	☐	☐		☐	☐
b. ☐ Land Application, Bagged/Other Container	☐	☐		☐	☐
☐ Agriculture	☐	☐		☐	☐
☐ Forest	☐	☐		☐	☐
☐ Public Contact	☐	☐		☐	☐
☐ Lawn/Home Garden	☐	☐		☐	☐
c. ☐ Incineration	☐	☐		☐	☐
d. ☒ Subtitle D Landfill (Disposal Only)	☒	☐	<u>777.00</u>	☒	☐
e. ☐ Lined Treatment Lagoon or Stabilization Pond	☐	☐		☐	☐
f. ☐ Unlined Lagoon or Stabilization Pond	☐	☐		☐	☐
g. ☐ Other (Please Describe)	☐	☐		☐	☐

2. If "f" was selected above and sludge is stored for two (2) or more years, enter the distance between the surface disposal site and the property line: _____ feet

Pollutant Concentrations:

1. Enter the total concentrations of the following analytes using existing data. **Do not enter TCLP results.**

Analyte	Concentration (mg/kg or ppm)	Sample Type	Sample Date	Detection Level Of Analysis
Arsenic	0.117mg/L	Grab	11/10/21	99%
Cadmium	<0.02mg/L	Grab	11/11/21	99%
Chromium	0.13mg/L	Grab	11/11/21	99%
Copper	2.79mg/L	Grab	11/11/21	99%
Lead	0.039mg/L	Grab	11/10/21	99%
Mercury	0.010mg/L	Grab	11/17/21	99%
Molybdenum	0.055mg/L	Grab	11/11/21	99%
Nickel	0.175mg/L	Grab	11/11/21	99%
Selenium	0.226mg/L	Grab	11/10/21	99%
Zinc	6.60mg/L	Grab	11/11/21	99%
Ammonium-Nitrogen	1.20mg/L	Grab	11/11/21	99%
Nitrate-Nitrogen	7.80mg/L	Grab	11/10/21	99%
Total Kjeldahl Nitrogen	65.60mg/L	Grab	11/19/21	99%

2. Enter the estimated or determined percent solids of the sewage sludge when sampled for the above analysis: 2.63 %

Treatment Provided for Sewage Sludge at the Facility:

1. Which class of pathogen reduction does the sewage sludge meet at the facility? (As defined in 40 CFR Part 503)

☐ Class A

☐ Alternative A1 – Time and Temperature

☐ Alternative A2 – Alkaline Treatment

☐ Alternative A3 – Analysis and Operation

☐ Alternative A4 – Analysis Only

☐ Alternative A5 – Process to Further Reduce Pathogens (PFRP)

☐ Heat Drying ☐ Thermophilic Aerobic Digestion ☐ Heat Treatment

☐ Pasteurization ☐ Gamma Ray Irradiation ☐ Beta Ray Irradiation ☐ Composting

☐ Alternative A6 – PFRP Equivalent _____

☒ Class B

☐ Alternative B1 – Fecal Coliform Count

☒ Alternative B2 – Process to Significantly Reduce Pathogens (PSRP)

☒ Aerobic Digestion

☐ Air Drying

☐ Anaerobic Digestion

☐ Composting

☐ Lime Stabilization

☐ Alternative B3 – PSRP Equivalent _____

☐ Neither or Unknown

Vector Attraction Control:

- ☐ Option 1 – Minimum 38% Reduction in Volatile Solids
- ☐ Option 2 – Anaerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- ☐ Option 3 – Aerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- ☐ Option 4 – Specific Oxygen Uptake Rate (SOUR) for Aerobically Digested Sludge
- ☐ Option 5 – Aerobic Processes plus Elevated Temperature
- ☐ Option 6 – Raised pH to 12 and Retained at 11.5
- ☐ Option 7 – 75% Solids with No Unstabilized Solids
- ☐ Option 8 – 90% Solids with Unstabilized Solids
- ☐ Option 9 – Injection Below Land Surface
- ☐ Option 10 – Incorporation into Soil within 6 or 8 Hours
- ☐ Option 11 – Covering Active Sewage Sludge Unit Daily
- ☐ None of the Above

Groundwater Monitoring:

1. If disposal practice is surface disposal or land application, is groundwater monitoring required or performed at this site? ☐ Yes* ☐ No

*If yes, please submit a copy of the groundwater monitoring reports along with this survey. Also, please provide the approximate depth to groundwater and the groundwater monitoring procedures used to obtain the data.

Land Application of Sewage Sludge:

Answer the following questions if sewage sludge is applied to land.

1. If sewage sludge is land applied in bulk form, what type of crop or other vegetation is grown on this site?

2. If sewage sludge is land applied in bulk form, what is the nitrogen requirement for this crop or vegetation?

3. If sewage sludge is land applied in bulk form, briefly describe the nature of any complaints filed from neighbors?

PLANT AND COLLECTION SYSTEM PERSONNEL INVENTORY

FACILITY NAME: Calera Pollution Control

PLANT GRADE: III

PERMIT NUMBER: AL0050938

PLANT SUPERINTENDENT: Timothy Michael Franks

TEL. # 205-668-3817

SYSTEM MANAGER: Jacob T Welch

TEL. # 205-668-3871

PLANT OPERATORS:

	NAME	GRADE OR TRAINEE STATUS	OPERATOR NO.	EXP. DATE
1.	Thomas R Colwell	IV	C004174	6/30/2022
2.	Kenneth C Hill JR	IV	C001152	3/31/2024
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

COLLECTION SYSTEM OPERATORS:

1.	Jacob T Welch	II	C007497	4/30/23
2.	Matt Rollan	II	C000441	11/30/23
3.	Gilbert McDaniel	II	C009770	10/31/2023
4.	Richard Russell	Maintenance		

	MAN HRS./WK	NUMBER
MANAGEMENT/SUPERVISOR		
OPERATOR(S):		
GRADE I-C	40+	
GRADE I		
GRADE II	40+	3
GRADE III		
GRADE IV	40+	2
DESIGNATED TRAINEE(S)	40+	2
LABORATORY		
MAINTENANCE	40 +	1
OTHER PLANT WORKERS		

AVERAGE NUMBER OF EMPLOYEES PER SHIFT:

1ST	8
2ND	
3RD	

START TIME	0600

OPERATOR SHIFTS NORMALLY WORKED EACH DAY:

	SUN	MON	TUES	WED	THURS	FRI	SAT
1ST	0600	0600	0600	0600	0600	0600	0600
2ND							
3RD							

ADEM USE ONLY

1. DOES PLANT OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

2. DOES COLLECTION SYSTEM OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

YES

NO

MUNICIPAL WATER POLLUTION PREVENTION (MWPP)

ANNUAL REPORT

SUBMITTED BY:

TREATMENT FACILITY: Camp Branch WRF NPDES #: AL0074608

MUNICIPALITY: City of Calera COUNTY: Shelby

CONTACT PERSON: Jon Graham

Responsible Official

Mayor

Title

Telephone #: 205-668-3500 Fax #:

Email Address:

CHIEF OPERATOR: Michael Franks

Name

Telephone #: 205-668-3817 Fax #:

Email Address: mfranks@calera.org

Date: 2/25/2022

REVIEWED BY:

Consulting Engineer

Telephone #: Fax #:

Date:

**MWPP Annual Report
Information Source List**

The following information will be needed to complete the compliance maintenance report that covers the calendar year of 2021 (due **May 31**, 2022).

- Part 1
 - A. The average plant influent flow for each month (million gallons per day/MGD) during the year.
 - B. The average plant influent BOD (CBOD) for each month (mg/l and lb/day) in the year.
 - C. The plant's average design flow (MGD) and design BOD (CBOD) loading (lbs/day).
- Part 2
 - A. The monthly average permit and DMR effluent concentration for BOD (CBOD), TSS, NH3-N, and/or TKN in mg/l for the year
 - B. The monthly average effluent limits and DMR loading for BOD (CBOD), TSS, NH3-N, and/or TKN in lbs/day for the year
- Part 3 The age of the treatment plant defined as the number of years since the last major reconstruction to increase the organic or hydraulic capacity of the plant. The last calendar year minus the year the new construction was brought on-line.
- Part 4 Bypass and overflow information. This is the number of bypass or overflow events of untreated wastewater due to heavy rain or equipment failure whether intentional or inadvertent from all collection systems tributary to the treatment facility.
- Part 5
 - A. Describe the characteristics and quantity of sludge generated.
 - B. If sludge is landspread, how many months of sludge storage does the plant have? This should include on-site and off-site storage from the treatment plant. The digester capacity may be used in the calculation.
- Part 6
 - A. Sludge Disposal Method
 - B. The number of approved land disposal sites for sludge available, and how many months or years these disposal sites will these be available for use.
- Part 7 The number of sewer extensions installed in the community last year, the design population, design flow, and design BOD (CBOD) for each sewer extension.
- Part 8 Operator Certification
- Part 9 Financial Status
- Part 10 Subjective Evaluation
- Part 11 Summary Sheet

Instructions to the Operator-in-Charge

1. Complete all sections of the MWPP Report to the best of your ability.
2. Parts 1 through 8 contain questions for which points will be generated. These points are intended to communicate to the Department and the governing body or owner the actions necessary to prevent effluent violations. Enter the point totals from Parts 1 through 8 on Part 11: Summary Sheet.
3. Add the point totals on Part 11: Summary Sheet.
4. Submit the MWPP Report to the governing body and the consulting engineer and owner for review and approval.
5. The governing body should pass a resolution which contains the following points:
 - a. The resolution should acknowledge the governing body or owner has reviewed the MWPP Report.
 - b. The resolution should indicate what actions will be taken to prevent effluent violations.
 - c. The resolution should provide any other information the governing body or owner deems appropriate.
6. **The MWPP Report and the resolution must be submitted by May 31st to Municipal Section, Water Division, ADEM, P.O. Box 301463, Montgomery, AL 36130-1463.**

Facility Name: Camp Branch WRF

Part 1: Influent Loading/Flows

- A. List the average monthly volumetric flows and BOD₅ (CBOD₅) loadings received at your facility during the last calendar year.

<u>Month</u>	<u>Column 1 Average Monthly Flowrate (MGD)</u>	<u>Column 2 Average Monthly BOD₅ (CBOD₅) Concentration (mg/l)</u>	<u>Column 3 Average Loading BOD₅ (CBOD₅) (lbs/day**)</u>
January	0.663	275	1463
February	0.727	231	1219
March	0.671	245	1259
April	0.741	236	1091
May	0.720	214	1047
June	0.779	214	1260
July	0.883	178	1638
August	0.687	210	952
September	0.692	222	1080
October	0.752	225	1192
November	0.614	248	1087
December	0.684	301	1450
Annual Avg.	0.719	233	1228

** As reported on NPDES Discharge Monitoring Reports (DMRs) and as required by EPA's NPDES Self-Monitoring System, User Guide, March 1985.

- B. List the average design flow and average design BOD₅ (CBOD₅) loading for the facility below. If you are not aware of these design quantities, contact your consulting engineer.

	<u>Average Design Flow</u>	<u>Average Design BOD₅ (CBOD₅) Loading (lbs/day)</u>
Design Criteria	3.5 MGD	5,838
90% of the Design Criteria	3.15 MGD	5,254

C. How many times did the monthly flow (Column 1) to the WWTP exceed 90% of design flow?

0 (Check the appropriate point total)

☒ 0 - 4 = 0 points ☐ 5 or more = 5 points

D. How many times did the monthly flow (Column 1) to the WWTP exceed the design flow?

0 (Check the appropriate point total)

☒ 0 = 0 points ☐ 1 - 2 = 5 points ☐ 3 - 4 = 10 points ☐ 5 or more = 15 points

E. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed 90% of the design loading?

0 (Check the appropriate point total)

☒ 0 - 1 = 0 points ☐ 2 - 4 = 5 points ☐ 5 or more = 10 points

F. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed the design loading?

0 (Check the appropriate point total)

☒ 0 = 0 points ☐ 1 = 10 points ☐ 2 = 20 points ☐ 3 = 30 points ☐ 4 = 40 points ☐ 5 or more = 50 points

G. Enter each point value marked for C through F and enter the sum in the appropriate blank below.

C points = 0

D points = 0

E points = 0

F points = 0

TOTAL POINTS VALUE FOR PART 1 0

Enter this value on Part 11: Summary Sheet.

*To obtain equivalent BOD₅ loading for comparison with design loading for those permittees using influent CBOD₅, divide annual average CBOD₅ loading in lbs/day from Part 1, A by 0.7.

Facility Name: Camp Branch WRF

Part 2: Effluent Quality/Plant Performance

- A. List the monthly average permit limits for the facility in the blanks below and the average monthly effluent DMR BOD₅, (CBOD₅) TSS, NH₃-N and/or TKN concentration produced by the facility during the last calendar year.

(1) NPDES Permit Concentration

	<u>Months</u>	<u>BOD₅ (CBOD₅) (mg/l)</u>	<u>TSS (mg/l)</u>	<u>NH₃-N (mg/l)</u>	<u>TKN (mg/l)</u>
Permit Limit	May-Nov	7.0	30.0	1.0	Report
	Dec.-Apr.	12.0	30.0	2.0	Report

(2) DMR Concentration

<u>Qtr</u>	<u>Month</u>	<u>BOD₅ (CBOD₅) (mg/l)</u>	<u>TSS (mg/l)</u>	<u>NH₃-N (mg/l)</u>	<u>TKN (mg/l)</u>
1	January	0.75	0.68	0.03	4.16
	February	2.02	0.71	0.03	0.93
	March	1.65	1.57	0.13	1.27
2	April	0.96	1.72	0.06	4.94
	May	1.12	1.14	0.03	0.63
	June	1.24	0.68	0.07	0.79
3	July	1.56	0.35	0.06	6.18
	August	1.98	1.59	0.02	0.55
	September	1.04	0.69	0.04	1.10
4	October	0.59	1.22	0.04	1.68
	November	1.33	2.80	0.04	1.44
	December	2.04	2.07	0.06	1.33
	Annual Avg.	1.35	1.26	0.05	2.08

B. List the monthly average permit limit and DMR loadings below.

(1) NPDES Permit Loading

Permit Limit	Months	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
	May-Nov.	204	875	29.1	Report
	Dec.-Apr.	350	875	58.3	Report

(2) DMR Loading

Qtr	Month	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
1	January	4.18	3.51	0.16	23.44
	February	11.05	3.76	0.18	4.26
	March	7.50	8.22	0.68	7.40
2	April	4.05	7.06	0.30	21.58
	May	6.33	6.16	0.28	3.99
	June	8.67	4.10	0.48	5.24
3	July	10.38	2.41	0.465	45.97
	August	9.22	7.47	0.10	2.33
	September	5.22	3.65	0.21	4.88
4	October	3.23	6.21	0.18	11.64
	November	5.85	11.96	0.17	7.13
	December	8.98	9.62	0.79	7.87
Annual Avg.		7.05	6.17	0.33	12.14

C. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points

☐ Yes = 121 points

- D. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- E. During the past year did the effluent TSS concentration (mg/l) or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- F. During the past year did the TSS concentration (mg/l) and/or loading (lbs/day) exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- G. During the past year did the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- H. During the past year did either the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

- I. Enter each point value checked for C through H in the blanks below.

C Points = 0
D Points = 0
E Points = 0
F Points = 0
G Points = 0
H Points = 0

HIGHEST INDIVIDUAL POINT VALUE FOR PART 2 (C-H) 0 (HIGHEST POINT = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Camp Branch WRF

Part 3: Age of the Wastewater Treatment Facility

A. What year was the wastewater treatment plant constructed or last reconstructed? 2005

Subtract the above answer from the report year to determine age:

Age = (Last Calendar year) - (Answer to A)

Age 16 = (2021) - (2005)

Enter Age in Part C below.

B. Check the type of treatment facility employed.

	Factor
<u> </u> ^x Mechanical Treatment Plant	2.0
<u> </u> Aerated Lagoon	1.5
<u> </u> Stabilization Pond	1.0
<u> </u> Other (Specify: <u> </u>)	1.0

C. Multiply the factor listed next to the type of the facility your community employs by the age of your facility to determine the total point value for Part 3:

2 x 16 = 32 TOTAL POINT VALUE FOR PART 3
(Factor) (Age)

Enter the above value on Part 11: Summary Sheet. If the total point value exceeds 40, enter 40 on Part 11: Summary Sheet.

Facility Name: Camp Branch WRF

Part 4: Bypassing and Overflows

A. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to heavy rain? 0

B. How many bypass or overflow events of untreated wastewater occurred in the last year prior to the headworks of the WWTP due to heavy rain? 0

C. How many of the bypass or overflow events listed in Parts A and B have been corrected such that future bypass or overflow events at the same location due to heavy rain are not anticipated? 0

D. Add together Answers A and B and subtract Answer C from that total.

A + B – C = 0 (Check the appropriate point total.)

☒ 0 = 0 points ☐ 1 = 5 points ☐ 2 = 10 points ☐ 3 = 15 points

☐ 4 = 20 points ☐ 5 = 25 points ☐ 6 = 30 points ☐ 7 = 35 points

☐ 8 = 40 points ☐ 9 = 45 points ☐ 10 = 50 points ☐ 11 or more = 100 points

E. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to equipment failure? (This includes clogged/broken lines or manholes.) 0

F. How many bypass or overflow events of untreated wastewater occurred in the last year due to equipment failure prior to the headworks of the WWTP? (This includes clogged/broken lines or manholes.) 0

G. How many of the bypass or overflow events listed in Parts E and F have been corrected such that future bypass or overflow events at the same location due to the same equipment failure are not anticipated? 0

H. Add together Answers E and F and subtract Answer G from that total.

E + F – G = 0 (Check the appropriate point total.)

☒ 0 = 0 points ☐ 1 = 5 points ☐ 2 = 10 points ☐ 3 = 15 points

☐ 4 = 20 points ☐ 5 = 25 points ☐ 6 = 30 points ☐ 7 = 35 points

☐ 8 = 40 points ☐ 9 = 45 points ☐ 10 = 50 points ☐ 11 or more = 100 points

I. Add point values checked in D and H and enter the total in the blank below.

TOTAL POINT VALUE FOR PART 4 0

Enter this value on Part 11: Summary Sheet.

All bypass or overflow events that have occurred in the last year (for any reason) must be individually reported with this MWPP report.

Facility Name: Camp Branch WRF

Part 5: Sludge Quantity and Storage

- A. Please provide information concerning sludge quantity, characteristics, and storage practices based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months of sludge storage capacity does the wastewater treatment facility have available, either on-site or off-site? (i.e., How many months can the facility operate without land spreading or disposing of sludge?) 6 months

(Check the appropriate point total.)

- | | |
|---|--|
| Greater than or equal to 4 months | ☒ = 0 points |
| Less than 4 months, but greater than or equal to 3 months | ☐ = 10 points |
| Less than 3 months, but greater than or equal to 2 months | ☐ = 20 points |
| Less than 2 months, but greater than or equal to 1 month | ☐ = 30 points |
| Less than one month | ☐ = 50 points |

TOTAL POINT VALUE FOR PART 5 0
Enter this value on Part 11: Summary Sheet.

Part 6: Sludge Disposal Practices and Sites

- A. Please provide the sludge disposal practices and site information based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months or years does the facility have access to and approval for sufficient land disposal sites to provide proper land disposal? (Check the appropriate point total.)

- | | |
|--------------------|--|
| 36 or more months | ☒ = 0 points |
| 24 - 35 months | ☐ = 10 points |
| 12 - 23 months | ☐ = 20 points |
| 6 - 11 months | ☐ = 30 points |
| Less than 6 months | ☐ = 50 points |

TOTAL POINT VALUE FOR PART 6 0
Enter this value on Part 11: Summary Sheet.

Facility Name: Camp Branch WRF

Part 7: New Development

Are there any major new developments (industrial, commercial, or residential) in the last calendar year or anticipated in the next 2-3 years such that either flow or BOD₅ (CBOD₅) loadings to the sewage system could significantly increase? Estimate additional loadings below.

Design Population: 2,720 Design Flow: 0.27 MGD Design BOD₅ (CBOD₅): 562.95 lbs/day
Equivalent (PE)

List industrial and/or residential developments.

Kensington, Waterford, Stone Creek,
Townside square, Charleston Place, Aberdeen

Will the additional loading overload the plant?
(Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

Enter the point total in the blank below.

TOTAL POINT VALUE FOR PART 7 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Part 8: Operator Certification

Complete the *Plant and Collection System Personnel Inventory*, ADEM Form 441.

Do both the plant operator and collection system staffing comply with ADEM Administrative Code; Division 10, Operator Certification Program?
(Check the appropriate point total.)

☒ Yes = 0 points ☐ No = 121 points

TOTAL POINT VALUE FOR PART 8 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Camp Branch WRF

Part 9: Financial Status

- A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses? If no, how are O&M costs being financed? **Include user charge rates.**

yes

Residential Minimum \$16 Plus rate \$4.90 /1,000 gal.

Industrial Minimum _____ Plus rate _____ /1,000 gal.

Monthly residential rate based on 6,000 gallons usage \$ _____

- B. What financial resources are available to pay for the wastewater improvements and/or reconstruction needs?

City Reserves

- C. Please attach a rate sheet and the most recent audit, if available.

Part 10: Subjective Evaluation

- A. Describe briefly the physical and structural conditions of the wastewater treatment facility.

Plant is in good operational condition.

- B. Describe the general condition of the sewer system (sewer lines, manholes, lift stations).

System is in good operational condition condition. Lift stations have been repaired and updated as needed.

- C. What sewage system improvements does the community have planned for construction in the next 5 years?

None

- D. What is the theoretical design life of the plant, and what is the estimated remaining useful life of the wastewater treatment facility?

- E. What problems, if any, over the last year have threatened treatment or conveyance within the system?

None

- F. Is the community presently involved in formal planning for treatment facility upgrading?

N/A

- G. How many days in the last year were there residential backups at any point in the collection system for any reason other than clogging of the lateral connection? 0

- H. Does the plant have a written plan for preventive maintenance on major equipment items? If yes, describe.

Yes, daily, weekly, monthly inspections and maintenance per O&M manuals.

- I. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment?

(Check the appropriate response.) ☒ Yes ☐ No

- J. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly?

(Check the appropriate response.) ☒ Yes ☐ No

- K. Describe any major repairs or mechanical equipment replacement made in the last year and include the approximate cost for those repairs. Do not include major treatment plant construction or upgrading programs.

WWTP centrifuge and fine screen maintenance \$26,000.00

Decant actuator \$3,500.00 Decant Valve actuator repair \$2,000.00

PLC processor \$6,000.00

Fine Screen Panel upgrade \$5,000.00

- L. List any additional comments. (Attach additional sheets if necessary.)

Have material for a scheduled tank diffuser rehabilitation.

WWTP is in the process of obtaining and has spare pumps, mixers, motors and actuators.

WWTP is scheduled for a PLC/SCADA upgrade for the plant and centrifuge panel.

Facility Name: Camp Branch WRF

Part 11: Summary Sheet

1. Enter in the values from Parts 1 through 8 in the left column below. Add the numbers in the left column to determine the MWPP Report point total the wastewater system generated for the previous calendar year.

<u>Actual Values</u>	<u>Maximum Possible</u>
Part 1 <u>0</u> points	80 points
Part 2 <u>0</u> points	121 points
Part 3 <u>32</u> points	40 points
Part 4 <u>0</u> points	200 points
Part 5 <u>0</u> points	50 points
Part 6 <u>0</u> points	50 points
Part 7 <u>0</u> points	121 points
Part 8 <u>0</u> points	121 points
Total <u>32</u> points	783 points

2. Check the facility type that best describes the plant's treatment and disposal of wastewater.

- ☐ Mechanical plant with surface water discharge
☐ Aerated Lagoon or stabilization pond with surface water discharge
☒ Mechanical plant using land disposal of liquid wastes
☐ Aerated Lagoon or stabilization pond using land disposal of liquid wastes

3. Check the range that describes the action needed to address problems identified in the report.

- ☒ 0 - 70 points Actions as Appropriate*
☐ 71 - 120 points Departmental Recommendation Range*
☐ 121 - 783 points Municipality Action Range*

***Other actions may be required by NPDES outside the scope of this report.**

4. Complete the *Municipal Water Pollution Prevention Resolution Form*, ADEM Form 418.

5. In Question 1, do any of the actual point values in the left column equal the maximum possible points in the right column?

(Check the appropriate response.) ☐ Yes ☐ No

If yes, provide a written explanation for this situation in the space below.

MWPP SEWAGE SLUDGE SURVEY

Note: Permittees that submitted the "Annual Report Review Form" for sludge to the EPA may submit a copy with the MWPP in lieu of this Attachment

Facility Background Information:

1. Facility Information

Permit Number: AL0074608

Name: Camp Branch Water Reclamation Facility

Street Address: 5375 Highway 70 Calera,AL 35040

County: Shelby

2. Facility Contact

Name: Michael Franks

Title: Superintendent

Telephone: 205-668-3817

Permittee Name: City of Calera

Mailing Address: 7901 Highway 31

Calera,AL 35040

Facility Flow Information:

1. Facility Wastewater Treatment Capacity

Average Daily Flow: 0.615 MGD

Facility Design Capacity: 3.50 MGD

2. Estimated Septage Quantity Handled (Residuals Removed from Septic Tank Systems)

Average Domestic Septage: 0 gallons per month

Average Commercial Septage: 0 gallons per month

3. Method of Septage Processing

☐ Mixed with Influent Wastewater for Treatment

☐ Mixed with Sewage Sludge

☒ NA

4. Estimated Percentage Contributing Wastewater Flow

Residential: 100 %

Industrial: %

Other: % Describe:

5. List type of wastewater treatment process(es) utilized at this facility:

Aeration,clarification,aerobic digestion,screening,disinfection and centrifuge

6. Estimated sewage sludge wasting rate at this facility: 4,802.3 lb/day dry weight
or 57,587.5 gallons per day

7. Estimated untreated sludge received from off site: NA lb/day dry weight
or NA gallons per day

8. Estimated percent solids of combined sewage sludge prior to treatment: 1.0 %

9. List the sewage sludge treatment processes used in preparing sludge for final use or disposal:

Aerobic digestion, sludge thickening, de-watering in digester
and centrifuge

Sludge Quantity
(untreated pounds per day)

10. Estimate the total volume of sludge generated:

479.57
(dry U.S. tons per year)

Sludge Disposal Methods

1. Which of the following describes the current method of sewage sludge disposal for this facility?

	Current Practices		Quantity (dry U.S. tons/year)	Proposed Practices	
	Approved by ADEM			Approved by ADEM	
	Yes	No		Yes	No
a. ☐ Land Application, Bulk Shipped	☐	☐		☐	☐
☐ Agriculture	☐	☐		☐	☐
☐ Forest	☐	☐		☐	☐
☐ Public Contact	☐	☐		☐	☐
☐ Lawn/Home Garden	☐	☐		☐	☐
b. ☐ Land Application, Bagged/Other Container	☐	☐		☐	☐
☐ Agriculture	☐	☐		☐	☐
☐ Forest	☐	☐		☐	☐
☐ Public Contact	☐	☐		☐	☐
☐ Lawn/Home Garden	☐	☐		☐	☐
c. ☐ Incineration	☐	☐		☐	☐
d. ☒ Subtitle D Landfill (Disposal Only)	☒	☐	479.57	☒	☐
e. ☐ Lined Treatment Lagoon or Stabilization Pond	☐	☐		☐	☐
f. ☐ Unlined Lagoon or Stabilization Pond	☐	☐		☐	☐
g. ☐ Other (Please Describe)	☐	☐		☐	☐

2. If "f" was selected above and sludge is stored for two (2) or more years, enter the distance between the surface disposal site and the property line: N/A feet

Pollutant Concentrations:

1. Enter the total concentrations of the following analytes using existing data. **Do not enter TCLP results.**

Analyte	Concentration (mg/kg or ppm)	Sample Type	Sample Date	Detection Level Of Analysis
Arsenic	0.059 mg/L	Grab	11/10/21	99%
Cadmium	<0.02 mg/L	Grab	11/11/21	99%
Chromium	0.17 mg/L	Grab	11/11/21	99%
Copper	5.41 mg/L	Grab	11/11/21	99%
Lead	0.027 mg/L	Grab	11/10/21	99%
Mercury	0.008 mg/L	Grab	11/17/21	99%
Molybdenum	0.322 mg/L	Grab	11/11/21	99%
Nickel	0.305 mg/L	Grab	11/11/21	99%
Selenium	0.205 mg/L	Grab	11/10/21	99%
Zinc	11.7 mg/L	Grab	11/11/21	99%
Ammonium-Nitrogen	1.90 mg/L	Grab	11/11/21	99%
Nitrate-Nitrogen	10.5 mg/L	Grab	11/10/21	99%
Total Kjeldahl Nitrogen	24.2 mg/L	Grab	11/19/21	99%

2. Enter the estimated or determined percent solids of the sewage sludge when sampled for the above analysis: 2.19 %

Treatment Provided for Sewage Sludge at the Facility:

1. Which class of pathogen reduction does the sewage sludge meet at the facility? (As defined in 40 CFR Part 503)

☐ Class A

☐ Alternative A1 – Time and Temperature

☐ Alternative A2 – Alkaline Treatment

☐ Alternative A3 – Analysis and Operation

☐ Alternative A4 – Analysis Only

☐ Alternative A5 – Process to Further Reduce Pathogens (PFRP)

☐ Heat Drying ☐ Thermophilic Aerobic Digestion ☐ Heat Treatment

☐ Pasteurization ☐ Gamma Ray Irradiation ☐ Beta Ray Irradiation ☐ Composting

☐ Alternative A6 – PFRP Equivalent _____

☒ Class B

☐ Alternative B1 – Fecal Coliform Count

☒ Alternative B2 – Process to Significantly Reduce Pathogens (PSRP)

☐ Aerobic Digestion

☐ Air Drying

☐ Anaerobic Digestion

☐ Composting

☐ Lime Stabilization

☐ Alternative B3 – PSRP Equivalent _____

☐ Neither or Unknown

Vector Attraction Control:

- ☐ Option 1 – Minimum 38% Reduction in Volatile Solids
- ☐ Option 2 – Anaerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- ☐ Option 3 – Aerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- ☐ Option 4 – Specific Oxygen Uptake Rate (SOUR) for Aerobically Digested Sludge
- ☐ Option 5 – Aerobic Processes plus Elevated Temperature
- ☐ Option 6 – Raised pH to 12 and Retained at 11.5
- ☐ Option 7 – 75% Solids with No Unstabilized Solids
- ☐ Option 8 – 90% Solids with Unstabilized Solids
- ☐ Option 9 – Injection Below Land Surface
- ☐ Option 10 – Incorporation into Soil within 6 or 8 Hours
- ☐ Option 11 – Covering Active Sewage Sludge Unit Daily
- ☐ None of the Above

Groundwater Monitoring:

1. If disposal practice is surface disposal or land application, is groundwater monitoring required or performed at this site? ☐ Yes* ☐ No

*If yes, please submit a copy of the groundwater monitoring reports along with this survey. Also, please provide the approximate depth to groundwater and the groundwater monitoring procedures used to obtain the data.

Land Application of Sewage Sludge:

Answer the following questions if sewage sludge is applied to land.

1. If sewage sludge is land applied in bulk form, what type of crop or other vegetation is grown on this site?

2. If sewage sludge is land applied in bulk form, what is the nitrogen requirement for this crop or vegetation?

3. If sewage sludge is land applied in bulk form, briefly describe the nature of any complaints filed from neighbors?

PLANT AND COLLECTION SYSTEM PERSONNEL INVENTORY

FACILITY NAME: Camp Branch Water Reclamation Facility

PLANT GRADE: III

PERMIT NUMBER: AL0074608

PLANT SUPERINTENDENT: Timothy Michael Franks

TEL. # 205-668-3817

SYSTEM MANAGER: Jacob T Welch

TEL. # 205-668-3871

PLANT OPERATORS:

	NAME	GRADE OR TRAINEE STATUS	OPERATOR NO.	EXP. DATE
1.	Timothy Michael Franks	IV	COO5072	11/30/2023
2.	William T Seale	IV	C004958	12/31/24
3.	Carey H Hinch	IV	C001149	08/21/2022
4.				
5.				
6.				
7.				
8.				
9.				
10.				

COLLECTION SYSTEM OPERATORS:

1.	Jacob T Welch	II	C007497	4/30/23
2.	Matt Rollan	II	C000441	11/30/23
3.	Gilbert P Mc Daniel	II	C009770	10/31/2023
4.	Richard Russell	Maintenance		

	MAN HRS./WK	NUMBER
MANAGEMENT/SUPERVISOR		
OPERATOR(S):		
GRADE I-C	40+	
GRADE I		
GRADE II	40+	3
GRADE III		
GRADE IV	40+	3
DESIGNATED TRAINEE(S)	40+	
LABORATORY		
MAINTENANCE	40 +	1
OTHER PLANT WORKERS		

AVERAGE NUMBER OF EMPLOYEES PER SHIFT:

1ST	8
2ND	
3RD	

START TIME	0600

OPERATOR SHIFTS NORMALLY WORKED EACH DAY:

	SUN	MON	TUES	WED	THURS	FRI	SAT
1ST	0600	0600	0600	0600	0600	0600	0600
2ND							
3RD							

ADEM USE ONLY

1. DOES PLANT OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

2. DOES COLLECTION SYSTEM OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

YES	NO