

City of Guyton, Georgia  
CITY COUNCIL WORKSHOP  
September 7, 2021 at 7:00 P.M.



**C.D. Dean, Jr., Public Safety Complex**  
**GUYTON GYMNASIUM**  
**505 Magnolia Street**  
**Guyton, GA 31312**

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**AGENDA**

- 1. Call to Order**
  - 2. Topics for Discussion**
    - a. Walking Event Proposal- Mike Gerwig
    - b. New Well Building- Lt. Allen
    - c. Dump Trailer, Lawn Mower, Hay Seed Purchases
    - d. Local Government Meeting Update
    - e. TSPLOST Projects Update
    - f. Christmas Budget Proposal
    - g. Draft LAS Permit and Spray Field DDR/EID Proposal
    - h. State and Local Fiscal Recovery Fund Grant Proposal
    - i. Charter Update Proposal
    - j. 113 W Central Clean Up
    - k. Upcoming Events- Advertising
    - l. Open Discussion
  - 3. Dates to Remember**
    - a. Tuesday, September 14, 2021 at 6:00 p.m. - City Council Public Hearing, C.D. Dean, Jr., Public Safety Complex, City of Guyton Gymnasium, 505 Magnolia Street, Guyton, GA 31312
    - b. Tuesday, September 14, 2021 at 7:00 p.m. - City Council Meeting, C.D. Dean, Jr., Public Safety Complex, City of Guyton Gymnasium, 505 Magnolia Street, Guyton, GA 31312
    - c. Saturday, October 16, 2021 from 8:00 a.m. to 2:00 p.m.- Guyton Sale on the Trail, Guyton Walking Trail
    - d. Wednesday, October 27, 2021 from 1:00 p.m. to 6:00 p.m.- American Red Cross Blood Drive, C.D. Dean, Jr., Public Safety Complex, City of Guyton Gymnasium, 505 Magnolia Street, Guyton, GA 31312
    - e. Saturday, October 30, 2021 from 5:00 p.m. to 8:00 p.m.- Guyton Trick or Trail!, Guyton Walking Trail
  - 4. Consideration to Adjourn this City Council Workshop**
-



Big Tex Trailers  
 564 LONGWOOD DR  
 RICHMOND HILL, GA 31324  
 (912) 235-0200  
 Angela Weiand  
 angela.weiand@bigtextrailers.com

# Invoice

Billing Info	Client Info	Deal #:151754
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**Buyer** EOM Public Works  
**Billing Address**  
 480 Edsel Drive  
 Richmond Hill, GA 31324  
 (H) 912-445-1473  
 (C) 912-658-5101

**Buyer** EOM Public Works  
**Mailing Address**  
 (H) 912-445-1473  
 (C) 912-658-5101

**Stock #** N5138974  
**Delivery Date**  
**TS Ref#** a134o000005kOf3AAE

**Customer PO Number**

Trailer Information				
<b>VIN</b> 16V1D1426N5138974	<b>Year</b> 2022	<b>Make</b> Big Tex	<b>Model</b> 70SR-10-5WDD	<b>Color</b>
<b>GVWR</b> 7000	<b>Capacity</b> 5270.00	<b>Empty Weight</b> 1730.00	<b>Body Style</b> DUMP	
				<b>Trailer Price</b> \$6,511.00
Fees				
<b>Doc Fee</b> Dealer Documentation Fee				\$58.50
<b>Postage Fee</b> Postage Fee				\$0.00
<b>Prep Fee</b> Prep Fee				\$65.00
<b>Sub Total</b>				\$123.50
<b>Totals</b>				\$6,634.50

<b>Total Tax</b>	\$520.88
<b>Invoice Total</b>	\$7,155.38
<b>Less Deposit</b>	\$0.00
<b>Due Upon Delivery</b>	\$7,155.38
<b>Tendered</b>	\$0.00
<b>Balance Due</b>	\$7,155.38

EOM Public Works

Angela Weiand

\_\_\_\_\_  
*Purchaser's Signature*

\_\_\_\_\_  
*Approved By:*

\_\_\_\_\_  
*Co-Purchaser's Signature*

## Scan & Review

Thank you for your purchase.  
Tell us how we did and scan the code below on your mobile device to write a Google Review.



[Google Review](#)

NOT POSTED TO FLEET  
 UPDATED: 08/11/21 10:51 am EDT



### W. W. Williams - Savannah

14 Westgate Blvd Savannah, Georgia 31405-1475  
 Phone: (912) 232-2602 - Fax: (912) 232-2607



Case Number: 9140160 - Repair Order Number: 11260  
 Purchase Order Number: n/a  
 Service Writer: Engemann, David - Case Date: 08/11/21 09:22 am EDT

<b>Eom Public Works Llc</b>	Unit #:
<b>Address:</b> 480 EDESEL DRIVE RICHMOND HILL, GA 31324	<b>Asset:</b> 2003 FORD SUPER DUTY F [ F650 ] LONG <b>Miles</b> 66,608
<b>Phone:</b> (912) 445-0050	<b>Serial #:</b> 3MB06972
<b>Fax:</b> (912) 756-5882	<b>VIN:</b> 3FDWF65243MB06972
<b>Cust #:</b> 770241	<b>Engine:</b> Unknown
	<b>Engine Hours:</b> 0



**Complaint:**  
 WILL NOT MOVE

Operation	Operation	Labor	Parts	Total
1	WheelTime Visual Inspection	\$0.00	\$0.00	\$0.00
2	Transmission ( General ) - Diagnostic	\$314.00	\$0.00	\$314.00
3	REPAIR VALVE BODY <b>Parts:</b> (1.0) FILTER - CONTROL MAIN, (1.0) FILTER - SUCTION,DEEP PA, (1.0) REMAN - VALVE BODY KIT Core: \$333.34, (3.0) TRANSYND 668, 3x1G	\$879.20	\$1,119.54	\$1,998.74
4	TCM / ECU - Replace <b>Parts:</b> (1.0) 12V COMMERCIAL TCM MX 0001 EACH LT, (1.0) REPROGRAM TCM	\$392.50	\$1,387.29	\$1,779.79

**Parts:** \$2,506.83  
**Labor:** \$1,585.70  
**Haz. Waste:** \$50.00  
**Shop:** \$95.00  
**Freight:** \$45.00  
**Tax:** \$0.00  


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**TOTAL:** \$4,282.53

Item	Declined or Deferred Operations	Labor	Parts	Status
1	A/C NOT WORKING [R]	\$76.00	\$0.00	not sold

I authorize W.W.Williams to do the above repair and/or service work, including the installation of all parts and materials to complete such work and incurring travel expense, and grant W.W.Williams and/or its agents permission to operate the above equipment or engine on streets, highways or elsewhere for testing and/or inspection. I acknowledge that W.W.Williams shall have an express mechanic's or repairman's lien on the equipment or engine to secure the amount due for the above work. I understand that failure of the manufacturer to reimburse W.W.Williams shall not alleviate me from the responsibility of the cost of such repairs. W.W.Williams shall not be responsible for loss or damage to the vehicle/equipment or to articles left with the above vehicle/ equipment in case of any fire or theft, or any cause beyond your control. In the event that the account for the above work is referred for collection, I agree to pay the account plus interest at the maximum allowable rate, reasonable attorney's fees and court costs. I authorize W.W.Williams to dispose of any parts and materials which are replaced in connection with the above work unless otherwise expressly indicated. Vehicles and Equipment left at W.W.Williams location more than 30 days after notice of completion will be towed, and I will be responsible for the cost of towing and storage.

AUTHORIZED BY: \_\_\_\_\_ PRINT NAME: \_\_\_\_\_ DATE: \_\_ / \_\_ / \_\_

LIMITED WARRANTY, WARRANTY DISCLAIMERS AND LIMITATIONS OF REMEDIES AND LIABILITIES: For any work performed by W.W.Williams (including any work subsequently authorized by Buyer, whether orally, in writing, or pre-authorized), W.W.Williams passes through the manufacturer's warranty on any goods sold. W.W.Williams warrants to Buyer that its services shall be free from defect under normal use and service for a period of 90 days

after the completion of those services. At W.W.Williams's option, its sole responsibility under the workmanship warranty is limited to the repair or replacement of the faulty services. W.W.WILLIAMS EXTENDS NO WARRANTY OTHER THAN THOSE ON THE FACE HEREOF. IN ADDITION THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL W.W.WILLIAMS BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, including without limitation any downtime, loss of revenue, income, time, sales, or use.

**From:** [Kristen Achtziger](#)  
**To:** [Russ Deen](#); [Mike Eskew](#)  
**Subject:** Lawnmower  
**Date:** Friday, August 27, 2021 4:39:23 PM  
**Attachments:** [image195166.png](#)

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Many of the locations we have called are having issues with the availability of a commercial grade lawn mower that meets the requirements the City would need for routine cutting. None of them had a rear discharge. Gnann's was able to give us an estimate of \$12,799 however he does not have any available. Shea Tractor and Equipment has given us a price on a Kubota for \$10,000 and they have 1 left but it may not be there long. Is this something that we can add to the next meeting? Since they did not have a rear discharge we had them include a mulching attachment.

Thank you,

**Kristen Achtziger**



P: 912-445-0050 | F:912-756-5882 | | M: 912-658-5101  
480 Edsel Dr. | Richmond Hill | GA | 31324

Visit Our Divisions



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# **LOCAL GOVERNMENTS MEETING**

**August 26, 2021 at 6:00 P.M.**

**C.D. Dean, Jr., Public Safety Complex**

**GUYTON GYMNASIUM**

**505 Magnolia Street**

**Guyton, GA 31312**

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## **AGENDA**

- 1. Call to Order**
- 2. Invocation and Pledge of Allegiance**
- 3. COVID**
- 4. Status of SDS**
- 5. TSPLOST- Possibility of Joint Projects**
- 6. LOST**
- 7. Communication**
- 8. Future Meeting Schedule**
- 9. Open Comments**
- 10. Adjournment**

2021 Christmas Decoration Options

Banner System for traffic circle poles

22 Potential Poles

1 Banding Tool for installation and repair- \$110

Pole Rods- \$75 per Pole

Banners- \$80-120 each



VINYL STOCK DIGITAL PATRIOTIC & FALL

UC05D905 UC10D970 UC10D971 UC15D824 UC16D836E

Vinyl Banners all stock designs are available in 18" x 30" 18" x 45" 30" x 60" 30" x 84" 18oz. Vinyl

UC05D907 UC06D937 UC10D957 UC16D836C UC16D831

Vinyl Banners all stock designs are also available in new high-quality fabric - call for pricing! 18oz. Vinyl

call 800.522.0718 or email sales@universalconceptsus.com 6

DIGITAL CHRISTMAS & WINTER VINYL STOCK

UC05D912 UC06D917 UC06D918 UC05D915 UC05D909

Vinyl Banners all stock designs are available in 18" x 30" 18" x 45" 30" x 60" 30" x 84" 18oz. Vinyl

UC16D832 UC08D943 UC16D835 UC14D812 UC09D953

Vinyl Banners all stock designs are available in new high-quality fabric - call for pricing! 18oz. Vinyl

UC16D833 UC14D996 UC16D834 UC14D806 UC10D963

Vinyl Banners all stock designs are also available in new high-quality fabric - call for pricing! 18oz. Vinyl

UC05D911 UC14D807 UC14D813 UC16D836 UC09D950

Vinyl Banners all stock designs are also available in new high-quality fabric - call for pricing! 18oz. Vinyl

7 UNIVERSAL CONCEPTS www.christmasdecorandmore.com HOME call 800.522.0718 or email sales@universalconceptsus.com 8

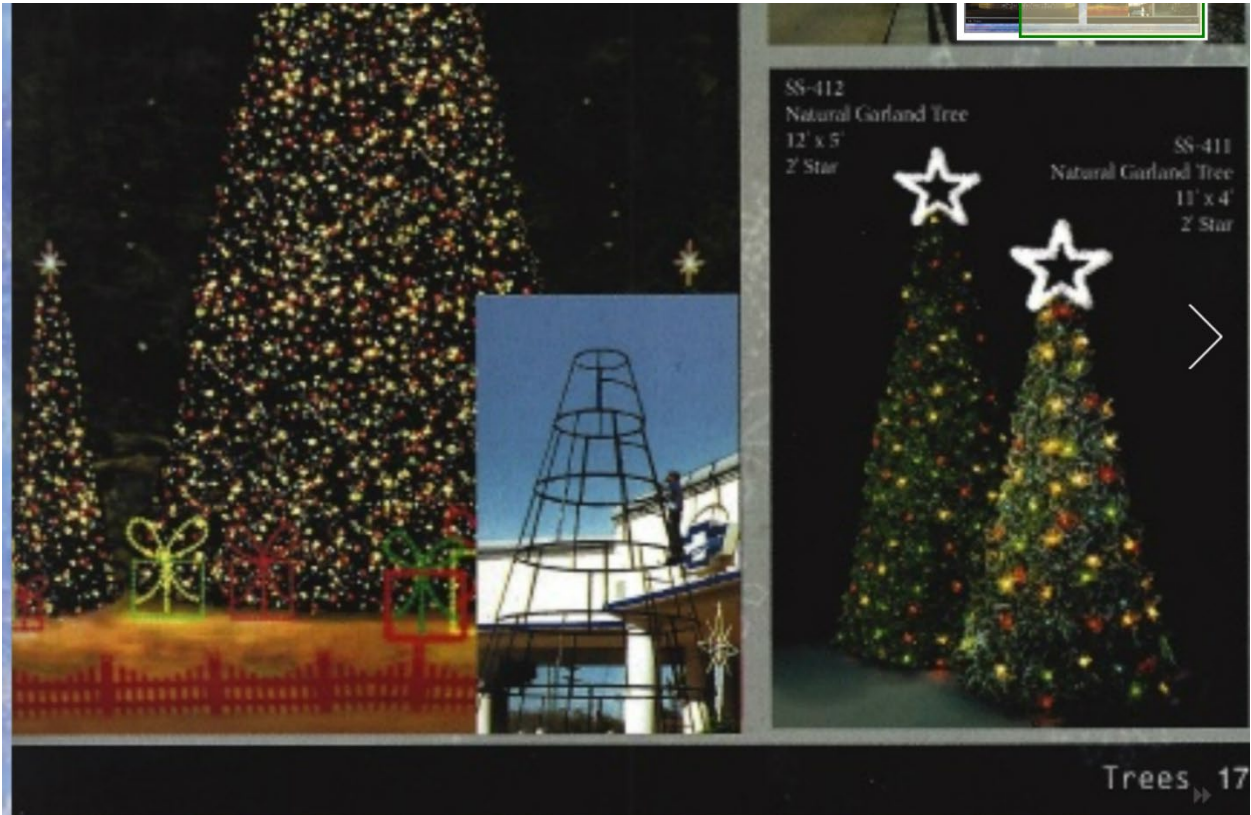


## Panel System Christmas Tree

14' with 4' 3-D Nativity Star \$4,985

18' with 4' 3-D Nativity Star \$8,410

These Trees can grow in 4' increments



## Power Pole Decorations

EOM Industrial quoted \$829 per pole to set up for lit decorations

Decorations cost starts at \$500 and goes up from there

## Proposed Plan for 2021

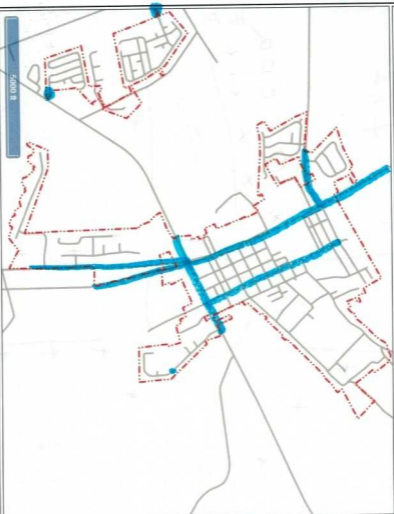
Purchase a Tree and Banners for the traffic circle

Hang all existing Power Pole Lights, evaluate them, and document all existing functioning poles

Use all existing decorations on hand, evaluate them, and document use for future plans

Proposed Budget Request \$17,500 from the Historical/Leisure line item in the budget

Expenses to be overseen by Councilwoman Pelote and Mayor Deen



This map is a user-generated static output from [openstreetmap.org](https://openstreetmap.org) website and is for reference use only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

**THIS MAP IS NOT TO BE USED FOR NAVIGATION**



- Legend**
- Address Points
  - ▭ Tax Parcels With Labels
  - Tax Boundary
  - Roads



INDUSTRIAL

DATE:  
08-30-21

Russ Deen

Guyton

Phone: (912) 772-3353

Cell: (912) 665-4981

Email: russ.deen@cityofguyton.com

**EOM Proposal #E21134**

**Scope of Work: Build and install 120vac receptacle towers to install on Street Light Poles for Christmas lighting.**

Dear Mr. Deen

EOM Industrial is pleased to submit this **Lump Sum** proposal to furnish all material, labor, equipment and supervision necessary to perform the scope of work below for the above-referenced project.

**SCOPE OF WORK**

1. Acquire all permits each day per guidelines.
2. Review JSA's each day prior to executing work task.
3. Inspect all equipment and fill out required documentation each day prior to executing work task.
4. Purchase materials to construct and install receptacle towers for Christmas Lights. Each tower will consist of one (1) duplex receptacle 120vac, 20amp and one (1) 120vac 20amp, single pole switch along with weather head. Includes wiring for 120vac circuit. Includes boxes for receptacle and switch. Includes in use covers for boxes.

P 912.421.2040  
F 912.756.5882



[www.eomindustrial.com](http://www.eomindustrial.com)



480 Edsel Drive, Ste 100  
Richmond Hill, GA 31324





INDUSTRIAL

5. Details of connecting to Georgia Power is still outstanding.
6. The receptacle towers will resemble exiting ones.
7. Proposal includes Bucket Truck to install Towers.

Price is based on current material pricing and cannot be guaranteed for more than 30 days. After 30 days extended cost may apply.

**TOTAL CONSTRUCTION COST PER POLE ASSEMBLY                      \$829.00.00**

**Clarifications for all work above**

\*Job cost is based on straight time hours!

\*Proposal is based on above scope of work any variations or additional work changes will be considered a project change and a project change order will be submitted for approval before continuation of changes.

**Exclusions for all work above**

\* Connections to Georgia Power

Sincerely,  
Mike Fountain  
Director of Operations  
EOM Industrial

P 912.421.2040  
F 912.756.5882



[www.eomindustrial.com](http://www.eomindustrial.com)



480 Edsel Drive, Ste 100  
Richmond Hill, GA 31324



## Summary Page

**Name of Facility:** Guyton Water Pollution Control Plant (WPCP)

**LAS Permit No.:** GAJ040010

This is a reissuance of a LAS permit for Guyton WPCP. The facility land applies treated domestic wastewater to a dedicated site in Effingham County. The permit expired on October 31, 2018 and became administratively extended.

The permit was placed on public notice from **XXXX** to **XXXXXX**.

### **Please Note The Following Changes to the Proposed LAS Permit From The Existing Permit:**

#### **Part I.B.1 – Treatment Requirements, Limitations and Monitoring (Current Phase)**

- Reduced flow from 0.25 MGD to 0.146 MGD to reflect the abandonment of fields A and B due to operational issues.
- Removed nitrate-nitrite monitoring to be consistent with current monitoring requirements at municipal LAS facilities.

#### **Part I.B.2 – Treatment Requirements, Limitations and Monitoring (Future Phase)**

- Included a reduced flow of 0.049 MGD to reflect the future abandonment of fields C and D due to updated flood map.

#### **Part I.B.3 – Storage Pond Limitations and Monitoring Requirements**

- Removed five-day biochemical oxygen demand and total suspended solids monitoring and added total Kjeldahl nitrogen monitoring to be consistent with current monitoring requirements at municipal LAS facilities.

#### **Part I.B.3 – Storage Pond Limitations and Monitoring Requirements**

- Removed fecal coliform bacteria monitoring and added *Escherichia coli* monitoring to be consistent with current monitoring requirements at municipal LAS facilities.

#### **Part I.B.6 – Surface Water Monitoring**

- Removed total suspended solids and fecal coliform bacteria monitoring and added specific conductivity, total Kjeldahl nitrogen, and temperature monitoring to be consistent with current monitoring requirements at municipal LAS facilities.

## **Summary Page**

### **Standard Conditions and Boilerplate Modifications:**

The permit boilerplate includes modified language or added language consistent with current LAS permits.

### **Final Permit Determinations and Public Comments:**

- Final issued permit did not change from the draft permit placed on public notice.
- Public comments were received during public notice period.
- Public hearing was held on
- Final permit includes changes from the draft permit placed on public notice. See attached permit revisions and/or permit fact sheet revision.

**PRE-DRAFT**

Honorable Russell Deen, Mayor  
City of Guyton  
Post Office Box 99  
Guyton, Georgia 31312

RE: Draft Permit  
Guyton Water Pollution Control Plant (WPCP)  
LAS Permit No. GAJ040010  
Effingham County, Ogeechee River Basin

Dear Mayor Deen:

The Environmental Protection Division (EPD) has received your application for renewal of the above-referenced permit. We are processing your application and are considering the issuance of a Land Application System (LAS) permit in accordance with the Georgia Water Quality Control Act, as amended, and the Rules and Regulations promulgated thereunder.

Before the permit can be reissued, EPD must complete the public notice requirements. The draft permit will be placed on the upcoming EPD public notice. Once posted, the public notice may be viewed on EPD's website at: <https://epd.georgia.gov/watershed-protection-branch-public-announcements>. At the end of the 30-day public comment period, EPD will make a determination on the reissuance of the permit.

Enclosed are the draft permit and additional documents. We request that all the documents be reviewed carefully by appropriate personnel. If you have comments or questions, please contact Josh Hayes of my staff at 404.463.1834 or [josh.hayes@dnr.ga.gov](mailto:josh.hayes@dnr.ga.gov).

Sincerely,

Benoit Causse, Manager  
Municipal Permitting Unit  
Wastewater Regulatory Program

BSC\jbh

Attachments: Public Notice, Fact Sheet, Draft Permit

cc: Mr. Bill Sawyer, City of Guyton ([bill.sawyer@cityofguyton.com](mailto:bill.sawyer@cityofguyton.com))  
Mr. David Lyle, EPD Coastal District ([david.lyle@dnr.ga.gov](mailto:david.lyle@dnr.ga.gov))  
Mr. Wesley Parker, Parker Engineering, Inc ([wesley@parker-engineering.com](mailto:wesley@parker-engineering.com))

**FACT SHEET**

**Guyton Water Pollution Control Plant (WPCP)  
LAS Permit No. GAJ040010  
(Effingham County)**

**Technical Contact:**

Josh Hayes, Environmental Engineer  
*josh.hayes@dnr.ga.gov*  
404-463-1834

**Permit is:**

- First Issuance
- Reissuance with no significant modifications
- Reissuance with modifications
- Modifications only

**1. Applicant Name & Address:**

City of Guyton  
Post Office Box 99  
Guyton, Georgia 31312

**2. Facility Name & Location:**

Guyton Water Pollution Control Plant (WPCP)  
2000 Riverside Drive  
Guyton, Georgia 31312

**3. River Basin:**

Ogeechee River Basin

**4. Description of Wastewater Treatment Facility:**

The facility consists of influent screening, aerated ponds (3 cells), a settling pond, a storage pond, an irrigation pump station, and sprayfields.



Solids settle and stabilize at the bottom of the ponds. Ponds will be dredged, and dewatered sludge sent to a permitted landfill when needed.

**5. Pre-treatment Plant Discharge Limitations:**

**5.1. Permitted design flow:**

Phase I (current): 0.146 MGD

The current permitted flow has been decreased from 0.25 MGD to 0.146 MGD to reflect abandonment of Zones A and B (18.3 acres). These two zones are experiencing operational issues (wet conditions) and are no longer in use.

The permittee may submit a new Design Development Report or other investigation and request to modify the permit to include additional sites or apply for an NPDES permit at any time to compensate for the loss of capacity.

Phase II (future): 0.049 MGD

The permitted flow has been decreased further from 0.146 MGD to 0.049 MGD to reflect future abandonment of Zones C and D (17.1 acres). These fields are located in the 100-year flood zone and must be decommissioned.

The permittee may submit a new Design Development Report or other investigation and request to modify the permit to include additional sites or apply for an NPDES permit at any time to compensate for the loss of capacity.

**5.2. BOD, TSS, and pH Limitations:**

BOD: 50 mg/L;      TSS: 50 mg/L;      pH: Report

The proposed BOD, TSS and pH limits in the draft permit are in accordance with EPD guidelines for land application of domestic wastewater.

**6. Storage Pond Monitoring:**

**6.1. Nitrogen Loading:**

Quarterly monitoring for nitrate and total Kjeldahl nitrogen for the storage pond effluent has been included in the draft permit to quantify nitrogen loading to the sprayfield and verify design assumptions.

## 7. Land Treatment System:

### 7.1. Application Rate and Wetted Area:

Treated effluent is disposed of via spray irrigation:

*Crop:*

Bermuda grass

*Wetted area:*

Phase I (current): 25.8 acres (divided into 3 zones)

Phase II (future): 8.7 acres (1 zone)

*Application rate:*

1.68 in/week

The application rate in the draft permit is in accordance with the DDR approved on May 21, 2012

*Site capacity:*

Phase I (current):

The maximum allowable flow to the spray field is as follows:

$$\text{Site capacity} = \frac{A_{\text{Site}} (\text{acres}) \times \text{WLR} (\text{in/week}) \times 43,560 \text{ ft}^2/\text{acre} \times 7.48 \text{ gal/ft}^3}{12 \text{ in/ft}} \text{ gal/week}$$

$$= \frac{25.8 \times 1.68 \times 43,560 \times 7.48}{12}$$

$$= 1,176,900 \text{ gal/week maximum or } 0.168 \text{ MGD (7-day average)}$$

Phase II (future):

$$\text{Site capacity} = \frac{A_{\text{Site}} (\text{acres}) \times \text{WLR} (\text{in/week}) \times 43,560 \text{ ft}^2/\text{acre} \times 7.48 \text{ gal/ft}^3}{12 \text{ in/ft}} \text{ gal/week}$$

$$= \frac{8.7 \times 1.68 \times 43,560 \times 7.48}{12}$$

$$= 396,860 \text{ gal/week maximum or } 0.056 \text{ MGD (7-day average)}$$

**7.2. Groundwater Monitoring Requirements:**

The intent of monitoring is to determine the influence of the land treatment system on the quality of the groundwater. Groundwater leaving the spray field boundaries must meet drinking water maximum contaminant levels (MCLs).

In accordance with EPD requirements for all municipal LAS facilities, groundwater will be monitored for the following parameters:

<b>Parameter (units)</b>
Depth to Groundwater (feet)
Nitrate, as N (mg/L)
pH (standard units)
Specific Conductivity ( $\mu$ mhos/cm)
<i>Escherichia Coli</i> (#/100mL)

Based on the application submitted, it has been determined that monitoring for additional parameters is not required at this time.

**7.3. Soil Monitoring Requirements:**

The intent of monitoring is to determine the influence of the treated wastewater on the soil chemistry/composition. It will also aid the permittee with operation and maintenance of the land treatment system.

In accordance with EPD requirements for all municipal LAS facilities, requirements to conduct soil fertility tests, as well as Cation Exchange Capacity and Percent Base Saturation analysis (depending on pH results), have been included in the draft permit.

Based on the application submitted, it has been determined that monitoring for additional parameters is not required at this time.

**7.4. Surface Water Monitoring Requirements:**

The intent of monitoring is to determine if the facility has an impact on perennial surface water adjacent to or traversing the sprayfields by comparing results from upstream and downstream samples.

Surface water, if present, will be monitored for the following parameters:

**Parameter (units)**

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Nitrate, as N (mg/L)

Five-Day Biochemical Oxygen Demand (mg/L)

Specific Conductivity (µmho/cm)

pH (standard unit)

Total Kjeldahl Nitrogen (mg/L)

Temperature (°C)

Dissolved Oxygen (mg/L)

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Surface waters as identified in the Design Development Report and permit application: several adjacent intermittent waterbodies (wetlands), see Section 8.6 below.

**8. Other Permitting Considerations:**

**8.1. Service Delivery Strategy:**

The permittee is in compliance with the DCA-approved service delivery strategy for Effingham County.

**8.2. Watershed Protection Plan (WPP):**

The City has an approved WPP; therefore, language has been included in the draft permit to reflect the approved Plan.

**8.3. Sludge Management Plan (SMP):**

The facility has not been required to dispose of sludge in the last five years. When necessary to dredge the pond, the City will choose a suitable landfill for disposal; therefore, a SMP is not required at this time.

**8.4. Industrial Pretreatment Program (IPP):**

The permittee does not have an approved IPP; therefore, language for establishing an IPP, if necessary, has been included in the draft permit.

**8.5. Operator Certification:**

Class III

### **8.6. Intermittent Waterbody Evaluation:**

A requirement to conduct an annual evaluation of the water bodies present onsite has been maintained in the draft permit. Since all fields but one has been or will be abandoned, the evaluation can be limited to the water bodies on or adjacent to Zone E.

### **8.7. Flow Reduction Schedule:**

The permittee must comply with the flow reduction schedule to meet the flow limitations and monitoring requirements of Part I.B.2 of the permit by abandoning Field C and D or submit the necessary engineering documents for review and approval by EPD for a plant upgrade and request a permit modification.

## **9. Reporting**

The facility has been assigned to the following EPD office for reporting, compliance and enforcement:

Georgia Environmental Protection Division  
EPD Coastal District Office  
400 Commerce Center Drive  
Brunswick, Georgia 31523

## **10. Procedures for the Formulation of Final Determinations**

### **10.1 Comment Period**

The Georgia Environmental Protection Division (EPD) proposes to issue a permit to this applicant subject to the discharge limitations and special conditions outlined above. These determinations are tentative.

The permit application, draft permit, and other information are available for review at 2 Martin Luther King Jr. Drive, Suite 1152 East, Atlanta, Georgia 30334, between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday and on EPD's website accessible through the publicly available Georgia EPD Online System (GEOS) at: <https://geos.epd.georgia.gov/GA/GEOS/Public/GovEnt/Shared/Pages/Main/Login.aspx>. For additional information, you can contact 404-463-1511.

### **10.2 Public Comments**

Persons wishing to comment upon or object to the proposed determinations are invited to submit same in writing to the EPD address above, or via e-mail at [EPDcomments@dnr.ga.gov](mailto:EPDcomments@dnr.ga.gov) within 30 days of the initiation of the public comment period. All comments received prior to that date will be considered in the formulation of final determinations regarding the application. The permit number should be placed on the top of the first page of comments to ensure that your comments will be forwarded to the appropriate staff.

### ***10.3 Public Hearing***

Any applicant, affected state or interstate agency, the Regional Administrator of the U.S. Environmental Protection Agency (EPA) or any other interested agency, person or group of persons may request a public hearing with respect to an LAS permit application if such request is filed within thirty (30) days following the date of the public notice for such application. Such request must indicate the interest of the party filing the request, the reasons why a hearing is requested, and those specific portions of the application or other LAS form or information to be considered at the public hearing.

The Director shall hold a hearing if he determines that there is sufficient public interest in holding such a hearing. If a public hearing is held, notice of same shall be provided at least thirty (30) days in advance of the hearing date.

In the event that a public hearing is held, both oral and written comments will be accepted; however, for the accuracy of the record, written comments are encouraged. The Director or a designee reserves the right to fix reasonable limits on the time allowed for oral statements and such other procedural requirements, as deemed appropriate.

Following a public hearing, the Director, unless it is decided to deny the permit, may make such modifications in the terms and conditions of the proposed permit as may be appropriate and shall issue the permit.

If no public hearing is held, and, after review of the written comments received, the Director determines that a permit should be issued and that the determinations as set forth in the proposed permit are substantially unchanged, the permit will be issued and will become final in the absence of a request for a contested hearing. Notice of issuance or denial will be made available to all interested persons and those persons that submitted written comments to the Director on the proposed permit.

If no public hearing is held, but the Director determines, after a review of the written comments received, that a permit should be issued but that substantial changes in the proposed permit are warranted, public notice of the revised determinations will be given and written comments accepted in the same manner as the initial notice of application was given and written comments accepted pursuant to EPD Rules, Water Quality Control, subparagraph 391-3-6-.11(6). The Director shall provide an opportunity for public hearing on the revised determinations. Such opportunity for public hearing and the issuance or denial of a permit thereafter shall be in accordance with the procedures as are set forth above.

### ***10.4 Final Determination***

At the time that any final permit decision is made, the Director shall issue a response to comments. The issued permit and responses to comments can be found at the following address:

*<http://epd.georgia.gov/watershed-protection-branch-permit-and-public-comments-clearinghouse-0>*

## ***10.5 Contested Hearings***

Any person who is aggrieved or adversely affected by the issuance or denial of a permit by the Director of EPD may petition the Director for a hearing if such petition is filed in the office of the Director within thirty (30) days from the date of notice of such permit issuance or denial. Such hearing shall be held in accordance with the EPD Rules, Water Quality Control, subparagraph 391-3-6-.01.

Petitions for a contested hearing must include the following:

1. The name and address of the petitioner;
2. The grounds under which petitioner alleges to be aggrieved or adversely affected by the issuance or denial of a permit;
3. The reason or reasons why petitioner takes issue with the action of the Director;
4. All other matters asserted by petitioner which are relevant to the action in question.

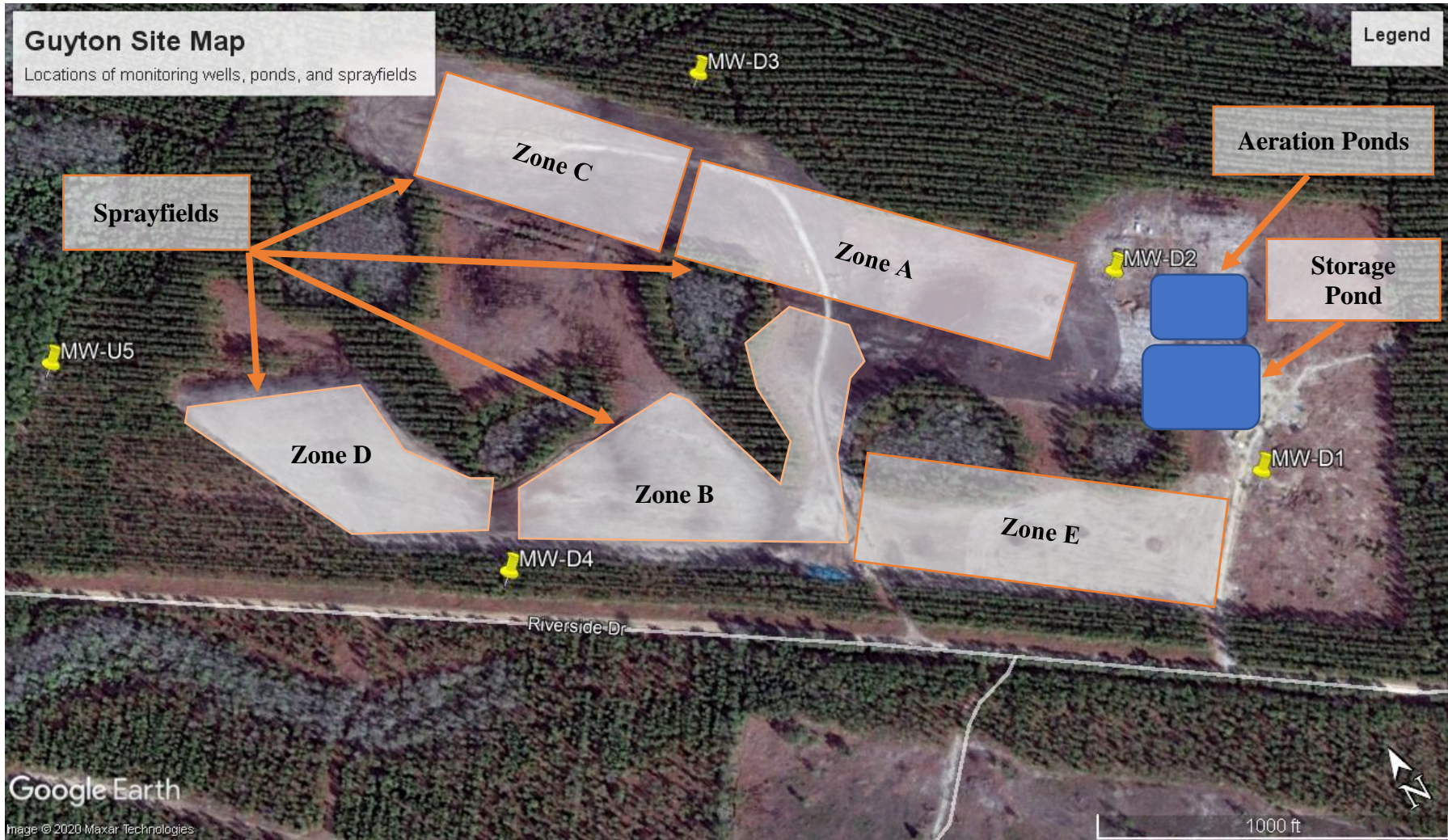
# **FACT SHEET**

## **Appendix A**

**Guyton Water Pollution Control Plant  
LAS Permit No. GAJ040010**

Location Map





Permit No. GAJ040010

Issuance Date:



**LAND APPLICATION SYSTEM PERMIT**

**In accordance with the provisions of the Georgia Water Quality Control Act (Georgia Laws 1964, p. 416, as amended), and the Rules and Regulations promulgated pursuant thereto, this permit is issued to the following:**

**City of Guyton  
Post Office Box 99  
Guyton, Georgia 31312**

**is authorized to operate the land treatment system located at:**

**Guyton Water Pollution Control Plant  
2000 Riverside Drive  
Guyton, Georgia 31312  
(Effingham County)**

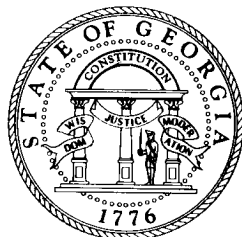
**Ogeechee River Basin**

**in accordance with the discharge limitations, monitoring requirements and other conditions set forth in the permit.**

**This permit is issued in reliance upon the permit application signed on March 13, 2018, any other applications upon which this permit is based, supporting data entered therein or attached thereto, and any subsequent submittal of supporting data.**

**This permit shall become effective on XXXXX XX, 20XX.**

**This permit and the authorization to discharge shall expire at midnight on XXXXX XX, 20XX.**



**DRAFT**

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**Director,  
Environmental Protection Division**

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## **PART I**

### **A. CONDITIONS**

#### **1. DEFINITIONS**

- a.**     **“Composite Sample”** means a combination of at least 5 discrete sample aliquots of at least 100 milliliters, collected over periodic intervals from the same location, during the operating hours of a facility for at least 8 hours. The composite must be flow proportional.
  
- b.**     **“Daily Discharge”** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.
  
- c.**     **“DMR”** means Discharge Monitoring Report.
  
- d.**     **“Drip Field”** means the wetted application area or irrigation of the land treatment system or land disposal system where treated wastes, treated effluent from industrial processes, agricultural or domestic wastewater, domestic sewage sludge, industrial sludge or other sources is applied to the land using drip emitters, excluding the buffer zone.
  
- e.**     **“Effluent”** means wastewater that is discharged (treated or partially treated).
  
- f.**     **“EPD”** means the Environmental Protection Division of the Department of Natural Resources.
  
- g.**     **“Geometric Mean”** means the  $n$ th root of the product of  $n$  numbers.
  
- h.**     **“Grab Sample”** means an individual sample collected over a period of time not exceeding 15 minutes.
  
- i.**     **“Hydraulic Loading Rate”** means the rate at which wastes or wastewaters are discharged to a land disposal or land treatment system, expressed in volume per unit area per unit time or depth of water per unit of time.
  
- j.**     **“Indirect Discharger”** means a nondomestic discharger introducing “pollutants” to a “publicly owned treatment works.”
  
- k.**     **“Industrial Wastes”** means any liquid, solid, or gaseous substance, or combination thereof, resulting from a process of industry, manufacture, or business or from the development of any natural resources.

- l.** “**Influent**” means wastewater, treated or untreated, that flows into a treatment plant.
- m.** “**Instantaneous**” means a single reading, observation, or measurement.
- n.** “**Land Disposal System**” means any method of disposing of pollutants in which the pollutants are applied to the surface or beneath the surface of a parcel of land and which results in the pollutants percolating, infiltrating, or being absorbed into the soil and then into the waters of the State. Land disposal systems exclude landfills and sanitary landfills but include ponds, basins, or lagoons used for disposal of wastes or wastewaters, where evaporation and/or percolation of the wastes or wastewaters are used or intended to be used to prevent point discharge of pollutants into waters of the State. Septic tanks or sewage treatment systems, as defined in Chapter 511-3-1-.02 (formally in Chapter 270-5-25-.01) and as approved by appropriate County Boards of Public Health, are not considered land disposal systems for purposes of Chapter 391-3-6-.11.
- o.** “**Land Treatment System**” means any land disposal system in which vegetation on the site is used for additional treatment of wastewater to remove some of the pollutants applied.
- p.** “**MGD**” means **million gallons per day**.
- q.** “**Monthly Average**” means the arithmetic or geometric mean of values for samples collected during each calendar month.
- r.** “**Monthly Average Limit**” means the highest allowable average of daily discharges over a calendar month, unless otherwise stated, calculated as an arithmetic mean of the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during the same calendar month.
- s.** “**OMR**” means Operating Monitoring Report.
- t.** “**Point Source**” means any discernible, confined, or discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.
- u.** “**Pollutant**” means dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, industrial wastes, municipal waste, and agricultural waste discharged into the waters of the state.

- v. **“Quarter”** means the first three calendar months beginning with January and each group of three calendar months thereafter (also known as calendar quarters).
- w. **“Quarterly Average”** means the arithmetic mean of values obtained for samples collected during a calendar quarter.
- x. **“Rule(s)”** means the Georgia Rules and Regulations for Water Quality Control.
- y. **“Sewage”** means the water carried waste products or discharges from human beings or from the rendering of animal products, or chemicals or other wastes from residences, public or private buildings, or industrial establishments, together with such ground, surface, or storm water as may be present.
- z. **“Sewage Sludge”** means solid, semi-solid, or liquid residue generated during the treatment of domestic sewage or a combination of domestic sewage and industrial wastewater in a treatment works. Sewage sludge includes, but is not limited to scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Sewage sludge does not include ash generated during the firing of sewage sludge incinerator, grit and screenings generated during preliminary treatment of domestic sewage in a treatment works, treated effluent, or materials excluded from definition of "sewage sludge" by O.C.G.A. § 12-5-30-.3(a)(1).
- aa. **“Sewage System”** means sewage treatment works, pipelines or conduits, pumping stations, and force mains, and all other constructions, devices, and appliances appurtenant thereto, used for conducting sewage or industrial wastes or other wastes to the point of ultimate disposal.
- bb. **“Sludge”** means any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the effluent from a wastewater treatment plant.
- cc. **“Spray Field”** means the wetted area of the land treatment system or land disposal system where treated wastes, treated effluent from industrial processes, agricultural or domestic wastewater, domestic sewage sludge, industrial sludge or other sources is applied to the land via spray, excluding the buffer zone.
- dd. **“State Act”** means the Georgia Water Quality Control Act, as amended (Official Code of Georgia Annotated; Title 12, Chapter 5, Article 2).
- ee. **“Treatment Requirement”** means any restriction or prohibition established under the (State) Act on quantities, rates, or concentrations, or a combination thereof, of chemical, physical, biological, or other constituents which are

discharged into a land disposal or land treatment system and then into the waters of the State, including but not limited to schedules of compliance.

- ff.**      **“Treatment System”** means the wastewater treatment facility which reduces high strength organic waste to low levels prior to the application to the spray field.
  
- gg.**      **“Water” or “Waters of the State”** means any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells, and all other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the State which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation.
  
- hh.**      **“Weekly Average Limit”** means the highest allowable average of daily discharges over a consecutive calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week. The calendar week begins on Sunday at 12:00 a.m. and ends on Saturday at 11:59 p.m. A week that starts in a month and ends in another month shall be considered part of the second month.

## **2. MONITORING**

### **a. REPRESENTATIVE SAMPLING**

Samples and measurements taken for the purpose of monitoring shall be representative of the volume and nature of the monitored waste stream. The permittee shall maintain an updated written sampling plan and monitoring schedule.

### **b. SAMPLING PERIOD**

1.      Unless otherwise specified in this permit, quarterly samples shall be taken during the periods January-March, April-June, July-September, and October-December.
  
2.      Unless otherwise specified in this permit, semiannual samples shall be taken during the periods January-June and July-December.
  
3.      Unless otherwise specified in this permit, annual samples shall be taken during the period of January-December.

### **c. MONITORING AND ANALYZING PROCEDURES**

1.      All analytical methods, sample containers, sample preservation techniques, and sample holding times must be consistent with the

techniques and methods listed in 40 CFR Part 136, as amended. The analytical method used shall be sufficiently sensitive. Parameters must be analyzed to the detection limits. The parameters will be reported as "not detected" or "ND" when they are below the detection limit and will then be considered in compliance with the effluent limit. The detection limit will also be reported on the DMR or OMR in accordance with Part I.A.3 of this permit.

2. In accordance with 40 CFR Part 136, as amended and as applicable, all analyses shall be made in accordance with the latest edition of Standard Methods for the Examination of Water and Wastewater, Methods for Chemical Analysis of Water and Wastes, or other approved methods.

**d. ADDITIONAL MONITORING BY PERMITTEE**

If the permittee monitors required parameters at the locations designated in Part I.B of this permit more frequently than required, the permittee shall analyze all samples using approved analytical methods. The results of this additional monitoring shall be included in calculating and reporting the values on the DMR and OMR. The permittee shall indicate the monitoring frequency on the report. EPD may require in writing more frequent monitoring, or monitoring of other pollutants not specified in this permit.

**e. FLOW MONITORING**

1. Measurements shall be conducted using the flow measuring device(s) in accordance with the approved design of the facility. If secondary flow measurement device(s) are installed, calibration shall be maintained to  $\pm 10\%$  of the actual flow. Flow shall be measured manually to check the flow meter calibration at a frequency of once a month. If secondary flow instruments are in use and malfunction or fail to maintain calibration as required, the flow shall be computed from manual measurements or by other method(s) approved by EPD until such time as the secondary flow instrument is repaired.
2. For facilities which utilize approved alternate technologies for measuring flow, the flow measurement device must be calibrated semi-annually by qualified personnel.
3. Records of the calibration checks shall be maintained on site in accordance with the requirements of Part. I.A.2.f. of the permit.



**f. RECORDING OF RESULTS**

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

1. The exact place, date, and time of sampling, and the person(s) collecting the samples;
2. The dates and times the analyses were performed;
3. The person(s) who performed the analyses;
4. The analytical procedures or methods used; and
5. The results of all required analyses.

**g. RECORDS RETENTION**

1. The permittee shall retain records of:
  - a. All laboratory analyses performed including sample data, quality control data, and standard curves;
  - b. Calibration and maintenance records of laboratory instruments;
  - c. Calibration and maintenance records and recordings from continuous recording instruments;
  - d. Process control monitoring records;
  - e. Facility operation and maintenance records;
  - f. Copies of all reports required by this permit;
  - g. All data and information used to complete the permit application; and
  - h. All monitoring data related to sludge use and disposal.
2. All records and information resulting from the monitoring activities and record keeping requirements required by this permit and the Rules shall be retained by the permittee for a minimum of three (3) years, whereas records pertaining to sludge shall be retained for five (5) years, or longer if requested by EPD.

### **3. REPORTING**

- a. Monitoring results obtained during the calendar month shall be summarized for each month and reported on the DMR. The results of each sampling event shall be reported on an OMR and submitted as an attachment to the DMR.
  1. The permittee shall submit the DMR, OMR and additional monitoring data to EPD. The required submittals shall be postmarked no later than the 15th day of the month following the reporting period.
  2. All other reports required herein, unless otherwise stated, shall be submitted to the EPD Office listed on the permit issuance letter signed by the Director of EPD.
- b. However, upon final approval from EPD to use the online web based NetDMR application for the submittals of DMRs and OMRs required by this permit, the permittee shall submit the DMRs and OMRs to EPD utilizing the online NetDMR submittal process. The permittee shall submit the required reports no later than 11:59 p.m. on the 15th day of the month following the reporting period.
- c. The DMR and OMR and any other required forms, reports and/or information shall be completed, signed and certified by a principal executive officer or ranking elected official, or by a duly authorized representative of that person who has the authority to act for or on behalf of that person.

### **4. SEWAGE SLUDGE AND SLUDGE DISPOSAL AND MONITORING**

- a. Sewage sludge, sludge and industrial wastes (herein referred to as “sludge” in Part I.A.4 of this permit) shall be disposed of according to the regulations and guidelines established by the EPD and the Federal Clean Water Act section 405(d) and (e), and the Resource Conservation and Recovery Act (RCRA). In land applying nonhazardous sludge, the permittee shall comply with the general criteria outlined in the most current version of EPD’s “Guidelines for Land Application of Sewage Sludge (Biosolids) At Agronomic Rates” and with the State Rules, Chapter 391-3-6-.17.

Before disposing of sludge by land application or any method other than co-disposal in a permitted sanitary landfill, the permittee shall submit a Sludge Management Plan (SMP) to EPD for written approval. This plan will become a part of the Land Treatment System Permit upon issuance and/ or modification of the permit. The permittee shall notify EPD, and if applicable obtain written approval, of any changes to an approved Sludge Management Plan.

If an applicable management practice or numerical limitation for pollutants in sludge is promulgated under Section 405(d) of the Clean Water Act after

approval of the SMP, then the SMP shall be modified to conform with the new regulations.

- b.** The permittee shall develop and implement procedures to ensure adequate year-round sludge disposal. The permittee shall monitor and maintain records documenting the quantity of sludge generated and removed from the facility.
- c.** The total quantity of sludge removed from the facility shall be reported on the DMR in accordance with Part I.A.3 of this permit. The total quantity shall be reported on a dry weight basis as total pounds per month when applicable.
- d.** Pond treatment systems are required to report the total quantity of sludge removed from the facility only during the months that sludge is removed.

**B.1. TREATMENT REQUIREMENTS, LIMITATIONS AND MONITORING**

Discharge from treatment pond:

Influent shall refer to the influent to the treatment facility and effluent shall refer to the discharge from the treatment pond. The discharge shall be limited and monitored by the permittee as specified below starting on the effective date of the permit and continuing for **42 months**:

Parameter (units)	Discharge Limitations Monthly (Weekly) average, unless otherwise stated	Monitoring Requirements		
		Measurement Frequency	Sample Type	Sample Location
Flow (MGD) <sup>(1)</sup>	0.146 (0.183)	Seven Days/Week	Continuous	Effluent
Five-Day Biochemical Oxygen Demand (mg/L) <sup>(2)</sup>	50	One Day/Month	Grab	Influent & Effluent
Total Suspended Solids (mg/L) <sup>(2)</sup>	50	One Day/Month	Grab	Influent & Effluent
pH (standard units), Daily Minimum & Daily Maximum	Report	One Day/Month	Grab	Effluent

<sup>(1)</sup> Refer to Part II.C.4. FLOW REDUCTION SCHEDULE

<sup>(2)</sup> Numerical limits only apply to effluent.

**B.2. TREATMENT REQUIREMENTS, LIMITATIONS AND MONITORING**

Discharge from treatment pond:

Influent shall refer to the influent to the treatment facility and effluent shall refer to the discharge from the treatment pond. The discharge shall be limited and monitored by the permittee as specified below starting **42 months** after the effective date of the permit:

Parameter (units)	Discharge Limitations Monthly (Weekly) average, unless otherwise stated	Monitoring Requirements		
		Measurement Frequency	Sample Type	Sample Location
Flow (MGD) <sup>(1)</sup>	0.049 (0.061)	Seven Days/Week	Continuous	Effluent
Five-Day Biochemical Oxygen Demand (mg/L) <sup>(2)</sup>	50	One Day/Month	Grab	Influent & Effluent
Total Suspended Solids (mg/L) <sup>(2)</sup>	50	One Day/Month	Grab	Influent & Effluent
pH (standard units), Daily Minimum & Daily Maximum	Report	One Day/Month	Grab	Effluent

<sup>(1)</sup> Refer to Part II.C.4. FLOW REDUCTION SCHEDULE

<sup>(2)</sup> Numerical limits only apply to effluent.

**B.3. STORAGE POND LIMITATIONS AND MONITORING REQUIREMENTS**

Discharge from the storage pond:

- a. Effluent shall refer to the discharge from the storage pond to the spray fields. The discharge from the storage pond to the spray fields shall be limited and monitored as follows:

Parameter (units)	Discharge Limitation Monthly Average (unless otherwise stated)	Monitoring Requirements		
		Measurement Frequency	Sample Type	Sample Location
Flow (MGD)	Report	Seven Days/Week	Continuous	Effluent
Nitrate-Nitrogen (mg/L)	Report	One Day/Quarter	Grab	Effluent
Total Kjeldahl Nitrogen (mg/L)	Report	One Day/Quarter	Grab	Effluent
pH (standard units), Daily Minimum & Daily Maximum	Report	One Day/Month	Grab	Effluent

- b. Part.I.B.1 (0.146 MGD):

The spray field of the land treatment system shall consist of 25.8 acres (Zones C, D, and E). The hydraulic wastewater loading to the spray field must not exceed 1.68 in/week. The instantaneous application rate for the site is 0.25 inches/hour. The hydraulic loading rates for each spray field shall be monitored daily and submitted to EPD in accordance with Part I.A.3 of this permit.

- Part.I.B.2 (0.049 MGD):

The spray field of the land treatment system shall consist of 8.7 acres (Zone E). The hydraulic wastewater loading to the spray field must not exceed 1.68 in/week. The instantaneous application rate for the site is 0.25 inches/hour. The hydraulic loading rates for each spray field shall be monitored daily and submitted to EPD in accordance with Part I.A.3 of this permit.

- c. A daily log will be kept by the land treatment system operator of the volume (gal) of wastewater sprayed on each spray field for each day and shall be submitted to EPD in accordance with Part I.A.3 of this permit.

- d. A daily log will be kept by the land treatment system operator of the amount of rainfall received each day within 0.5 miles of the permitted land treatment system and shall be submitted to EPD in accordance with Part I.A.3 of this permit.
  
- e. A written summary of pertinent maintenance for the land treatment system such as planting, cutting vegetation, harvesting, resurfacing areas, etc. shall also be included in the report and submitted in accordance with Part I.A.3 of this permit.

**B.4. GROUNDWATER MONITORING REQUIREMENTS**

- a. Groundwater leaving the land treatment system boundaries (as defined in this permit as the spray field) must not exceed the primary maximum contaminant levels for drinking water. Samples of the groundwater shall be monitored from each groundwater monitoring well(s) by the permittee for the parameters and at the frequency listed below:

<b>Parameter (units)</b>	<b>Measurement Frequency</b>	<b>Sample Type</b>
Depth to Groundwater (feet)	One Day/Month	Grab
Nitrate, as N (mg/L) <sup>(1)</sup>	One Day/Quarter	Grab
pH (standard unit)	One Day/Quarter	Grab
Specific Conductivity (µmho/cm)	One Day/Quarter	Grab
<i>Escherichia Coli</i> (#/100mL) <sup>(2)</sup>	One Day/Six Months	Grab

<sup>(1)</sup> The maximum contaminant level for nitrate nitrogen is 10.0 mg/L, as amended in the Safe Drinking Water Rules and Regulations.

<sup>(2)</sup> The maximum contaminant level for *E. coli* is zero positive samples, as amended in the Safe Drinking Water Rules and Regulations.

- b. Monitoring wells shall be identified in all reports submitted to EPD as up-gradient, mid-field, and down-gradient, as referenced below. The down-gradient groundwater monitoring wells shall be considered the compliance wells. The monitoring wells are identified as follows:

<b>Well</b>	<b>Location</b>	<b>Well</b>	<b>Location</b>
U5	Up-gradient	D3	Down-gradient
D1	Down-gradient	D4	Down-gradient
D2	Down-gradient		

- c. As per Part I.B.4.b and Part II.A.9 of this permit, upon written notification to EPD, additional up-gradient, mid-field and down-gradient monitoring wells may be added in accordance with EPD’s Manual for Groundwater Monitoring, September 1991, as amended, the Environmental Protection Agency Guidance Design and Installation of Monitoring Wells, or other approved guidance without EPD approval and without modification to this permit. The additional wells are subject to the sampling parameters and sampling frequency(s) in Part I.B.4 of this permit, Groundwater Monitoring Requirements. The sampling analysis of additional wells shall be reported in accordance with Part I.A.3 of this permit.



**B.5. SOIL MONITORING REQUIREMENTS**

- a. A Soil Fertility Test(s) shall be performed annually in the fourth (4<sup>th</sup>) calendar quarter in accordance with the latest edition of Methods of Soil Analysis (published by the American Society of Agronomy, Madison, Wisconsin) or other methods approved by EPD. Representative soil samples shall be collected from the land treatment system using the Mehlich-1 extraction procedure. Results of the Soil Fertility Test(s) shall be utilized by the permittee in the continuing operation and maintenance of the land treatment system. The sampling analysis shall be reported in accordance with Part I.A.3 of this permit.
  
- b. If the Soil Fertility Test(s) indicates a change in the pH value of one standard unit from the previous year's pH value, the permittee shall immediately perform a Cation Exchange Capacity and Percent Base Saturation analysis for the land treatment system. The monitoring results of the Cation Exchange Capacity and Percent Base Saturation analysis shall be submitted to EPD in accordance with Part I.A.3 of this permit.
  
- c. Where there are categorical and/or significant industrial discharges to the sewer system, the permittee may be required, upon written notification by the Division, to sample for additional parameters. These parameters may include heavy metals and organic compounds.

**B.6. SURFACE WATER MONITORING**

Surface water(s)<sup>1</sup> adjacent to or traversing the land treatment system shall be monitored. Unless otherwise stated and or approved by EPD, surface water samples will be collected at a maximum of 100 feet upstream and a maximum 100 feet downstream of the land treatment system. The surface water shall be monitored for the parameters and at the frequency listed below:

Parameter (units)	Measurement Frequency	Sample Type
Nitrate, as N (mg/L)	One Day/Quarter	Grab
Five-Day Biochemical Oxygen Demand (mg/L)	One Day/Quarter	Grab
Specific Conductivity (µmho/cm)	One Day/Quarter	Grab
pH (standard units)	One Day/Quarter	Grab
Total Kjeldahl Nitrogen (mg/L)	One Day/Quarter	Grab
Temperature (°C)	One Day/Quarter	Grab
Dissolved Oxygen (mg/L)	One Day/Quarter	Grab

<sup>(1)</sup> Surface waters as identified in the Design Development Report and permit application are:  
**Not Applicable**

**C. ADDITIONAL REQUIREMENTS**

**1. LAS OPERATIONS**

The land treatment system will be operated and maintained in accordance with the design criteria as presented in the approved engineering reports, operation and maintenance manuals, the permit application and/or other written agreements between EPD and the permittee. This includes, but is not limited to, the following:

- a. A vegetative cover must be maintained at all times on the land treatment site and must be managed according to design criteria;
- b. All treatment units are to be maintained and operated for maximum efficiency;
- c. Hydraulic and nitrogen loading is to be maintained within design criteria;
- d. Unless otherwise approved, no wastewater shall be applied via spray or aboveground drip irrigation during rain or when the conditions are such that applied wastewater will not be absorbed into the soil; and
- e. If the hydraulic application rate(s) cannot satisfactorily be handled by the approved land treatment system, corrective actions shall immediately be taken by the permittee.
- f. The land treatment system may not result in a point source discharge to surface waters, as mandated in the Rules.

**2. CHANGE IN WASTEWATER INFLUENT**

The influent to the system is authorized as long as it is consistent with the design criteria specified in the approved Design Development Report and application. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased pollutants or flow to the system must be approved by EPD prior to implementation. Submittal of a new permit application and reissuance of the Land Application System permit, as well as upgrading of the system, may be required in the process of obtaining EPD approval.

**PART II.**

**A. MANAGEMENT REQUIREMENTS**

**1. FACILITY OPERATION**

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. Proper operation of the land treatment system also includes the best management practice of establishing and maintaining a vegetative cover on the land treatment system.

**2. NONCOMPLIANCE NOTIFICATION**

If, for any reason the permittee does not comply with, or will be unable to comply with any limitations specified in the permit, the permittee shall provide EPD with an oral report within 24 hours from the time the permittee becomes aware of the circumstances followed by a written report within five (5) days of becoming aware of such condition. The written submission shall contain the following information:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including the exact date and times; or, if not corrected, the anticipated time the noncompliance is expected to continue; and
- c. The steps taken to reduce, eliminate, and prevent recurrence of the non-complying discharge.

**3. ANTICIPATED NONCOMPLIANCE NOTIFICATION**

The permittee shall give written notice to the EPD at least 10 days before:

- a. Any planned changes in the permitted facility; or
- b. Any activity which may result in noncompliance with the permit.

**4. OTHER NONCOMPLIANCE**

The permittee must report all instances of noncompliance not reported under other specific reporting requirements, at the time monitoring reports are submitted. The reports shall contain the information required in Part II.A.2, Noncompliance Notification, of this permit.

The permittee shall notify EPD immediately if mechanical failure, inclement weather or other factors cause a discharge of contaminated runoff from the fields or an overflow from a pond, or if any other problems occur which could cause an adverse effect on the environment.

**5. OPERATOR CERTIFICATION REQUIREMENTS**

The permittee shall ensure that the person in responsible charge of the daily operation of this land application system shall be a Class III Certified Operator in accordance with the Georgia Certification of Water and Wastewater Plant Operators and Laboratory Analysts Act, as amended, and specified by Subparagraph 391-3-6-.12 of the Rules and Regulations for Water Quality Control. Operators, other than the person in responsible charge, must obtain certification in Class III operator classification in accordance with the above Act.

**6. LABORATORY ANALYST CERTIFICATION REQUIREMENTS**

The permittee shall ensure that, when required, the person(s) performing the laboratory analyses for this land treatment system is a Certified Laboratory Analyst in accordance with the Georgia Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act, as amended, and the Rules promulgated thereunder.

**7. POWER FAILURES**

If the primary source of power to this facility is reduced or lost, the permittee shall use an alternative source of power to reduce or control all discharges to maintain permit compliance.

**8. ADVERSE IMPACT**

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge disposal which might adversely affect human health or the environment.

**9. MONITORING WELL REQUIREMENTS**

The permittee, upon written notification by the EPD, may be required to install groundwater monitoring wells at the existing land treatment system. This requirement may apply if monitoring wells were not included in the original design of the facility and also, if the EPD determines the existing groundwater monitoring wells are not adequate.

**10. GROUNDWATER REQUIREMENTS**

- a. If any groundwater samples taken from the groundwater monitoring wells at the land treatment system are above the primary maximum contaminant levels for drinking water, the permittee shall immediately develop a plan which will ensure that the primary maximum contaminant levels for drinking water are not exceeded.
- b. If any pollutants which are being discharged to the land treatment system are detected in the groundwater samples taken from the compliance monitoring wells at the land treatment system in amounts or concentrations which could be toxic or otherwise harmful to humans or biota if those pollutants mingle with waters of the State, then the permittee shall immediately develop a plan which will reduce the amounts or concentrations of the pollutants to ensure they are not toxic or otherwise harmful to humans or biota if those pollutants mingle with waters of the State.

**11. NO POINT SOURCE DISCHARGE(S) OF A POLLUTANT TO SURFACE WATERS OF THE STATE**

Land treatment system permits are not point source discharge permits to surface water regulated under the CWA, but nonpoint source permits regulated under State law. The land treatment system must be operated and maintained to ensure there is no point source discharge(s) of pollutants to surface waters of the State.

**12. NOTICE CONCERNING ENDANGERING WATERS OF THE STATE**

- a. Whenever, because of an accident or otherwise, any toxic or taste and color producing substance, or any other substance which would endanger downstream users of the waters of the State or would damage property, is discharged into such waters, or is so placed that it might flow, be washed, or fall into them, it shall be the duty of the person in charge of such substances at the time to forthwith notify EPD in person or by telephone of the location and nature of the danger, and it shall be such person's further duty to immediately take all reasonable and necessary steps to prevent injury to property and downstream users of said water.
- b. Spills and Major Spills:
  1. A "spill" is any discharge of raw sewage by a Publicly Owned Treatment Works (POTW) to the waters of the State.
  2. A "major spill" means: The discharge of pollutants into waters of the State by a POTW that exceeds the weekly average permitted effluent limit for biochemical oxygen demand (5-day) or total suspended solids by 50 percent or greater in one day, provided that the effluent discharge concentration is equal to or greater than 25 mg/L for

biochemical oxygen demand or total suspended solids and any discharge of raw sewage that 1) exceeds 10,000 gallons or 2) results in water quality violations in the waters of the State.

3. “Consistently exceeding effluent limitation” means a POTW exceeding the 30 day average limit for biochemical oxygen demand or total suspended solids for at least five days out of each seven day period during a total period of 180 consecutive days.

c. The following specific requirements shall apply to POTW’s. If a spill or major spill occurs, the owner of a POTW shall immediately:

1. Notify EPD, in person or by telephone, when a spill or major spill occurs in the system.
2. Report the incident to the local health department(s) for the area affected by the incident.

The report at a minimum shall include the following:

- i. Date of the spill or major spill;
- ii. Location and cause of the spill or major spill;
- iii. Estimated volume discharged and name of receiving waters;  
and
- iv. Corrective action taken to mitigate or reduce the adverse effects of the spill or major spill

d. Post a notice as close as possible to where the spill or major spill occurred and where the spill entered State waters and also post additional notices along portions of the waterway affected by the incident (i.e. bridge crossings, boat ramps, recreational areas, and other points of public access to the affected waterway). The notice at a minimum shall include the same information required in (c)(a-b) above. These notices shall remain in place for a minimum of seven days after the spill or major spill has ceased.

e. Within 24 hours of becoming aware of a spill or major spill, the owner of a POTW shall report the incident to the local media (television, radio, and print media). The report shall include the same information required in (c)(a-b) above.

f. Within five (5) days (of the date of the spill or major spill), the owner of a POTW shall submit to EPD a written report which includes the same information required in (c)(a-b) above.

g. Within 7 days (after the date of a major spill), the owner of a POTW responsible for the major spill, shall publish a notice in the largest legal organ

of the County where the incident occurred. The notice shall include the same information required in (c)(a-b) above.

- h. The owner of a POTW shall immediately establish a monitoring program of the receiving waters affected by a major spill or by consistently exceeding an effluent limit, with such monitoring being at the expense of the POTW for at least one year. The monitoring program shall include an upstream sampling point as well as sufficient downstream locations to accurately characterize the impact of the major spill or the consistent exceedance of effluent limitations described in the definition of "Consistently exceeding effluent limitation" above. As a minimum, the following parameters shall be monitored in the receiving stream:
  - i. Dissolved Oxygen;
  - ii. Fecal Coliform Bacteria;
  - iii. pH;
  - iv. Temperature; and
  - v. Other parameters required by the EPD.

The monitoring and reporting frequency as well as the need to monitor additional parameters, will be determined by EPD. The results of the monitoring will be provided by the POTW owner to EPD and all downstream public agencies using the affected waters as a source of a public water supply.

- i. Within 24 hours of becoming aware of a major spill, the owner of a POTW shall provide notice of a major spill to every county, municipality, or other public agency whose public water supply is within a distance of 20 miles downstream and to any others which could be potentially affected by the major spill.

## **B. RESPONSIBILITIES**

### **1. COMPLIANCE**

The permittee must comply with this permit. Any permit noncompliance is a violation of the State Act, and the Rules, and is grounds for:

- a. Enforcement action;
- b. Permit termination, revocation and reissuance, or modification; or
- c. Denial of a permit renewal application.

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



## **2. RIGHT OF ENTRY**

The permittee shall allow the Director of EPD and/or their authorized representatives, agents, or employees, upon presentation of credentials:

- a. To enter upon the permittee's premises where a regulated activity or facility is located or conducted, in which any records are required to be kept under the terms and conditions of this permit; and
- b. At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and to sample any substance or parameters at any location.

## **3. SUBMITTAL OF INFORMATION**

The permittee shall furnish to the EPD Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish upon request copies of records required to be kept by this permit. When the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or any report to the Director, it shall promptly submit such facts and information.

## **4. TRANSFER OF OWNERSHIP OR CONTROL**

A permit may be transferred to another person by a permittee if:

- a. The permittee notifies the Director in writing of the proposed transfer at least thirty (30) days in advance of the proposed transfer;
- b. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgment that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) is submitted to the Director at least thirty (30) days in advance of the proposed transfer; and
- c. The Director, within thirty (30) days, does not notify the current permittee and the new permittee of EPD's intent to modify, revoke and reissue, or terminate the permit and to require that a new application be filed rather than agreeing to the transfer of the permit.

## **5. PERMIT MODIFICATION**

This permit may be modified, terminated, or revoked and reissued in whole or part during its term for cause including, but not limited to, the following:

- a. Violation of any condition of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted activity.

The filing of a request by the permittee for a permit modification, termination, revocation and reissuance, or a notification of planned changes or anticipated noncompliance does not stay any permit conditions.

## **6. PENALTIES**

The State Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine or by imprisonment, or by both. The State Act also provides procedures for imposing civil penalties which may be levied for violations of the State Act, any permit condition or limitation established pursuant to the Act, or negligently or intentionally failing or refusing to comply with any final or emergency order of the Director of EPD.

## **7. CIVIL AND CRIMINAL LIABILITIES**

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

## **8. EXPIRATION OF PERMIT**

The permittee shall not operate the system after the expiration date of the permit. In order to receive authorization to operate beyond the expiration date, the permittee shall submit such information, forms, and fees as are required by the EPD no later than 180 days prior to the expiration date.

## **9. CONTESTED HEARINGS**

Any person aggrieved or adversely affected by any action of the Director of the EPD shall petition the Director for a hearing within 30 days of notice of the action.

## **10. SEVERABILITY**

The provisions of this permit are severable; and, if any provision of this permit, or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

## **C. SPECIAL CONDITIONS**

### **1. WATERSHED PROTECTION PLAN**

The permittee has a Watershed Protection Plan that has been approved by EPD. The permittee's approved Watershed Protection Plan shall be enforceable through this permit.

Each June 30<sup>th</sup> the permittee is to submit the following to EPD:

- a. An annual certification statement documenting that the Plan is being implemented as approved. The certification statement shall read as follows: "I certify, under penalty of law, that the Watershed Protection Plan is being implemented. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
- b. All watershed plan data collected during the previous year in an electronic format. This data shall be archived using a digital format such as a spreadsheet developed in coordination with EPD. All archived records, data, and information pertaining to the Watershed Protection Plan shall be maintained permanently.
- c. A progress report that provides a summary of the BMPs that have been implemented and documented water quality improvements. The progress report shall also include any necessary changes to the Watershed Protection Plan.

The report and other information shall be submitted to EPD at the address below:

Environmental Protection Division  
Watershed Planning and Monitoring Program  
2 Martin Luther King Jr. Drive SE  
Suite 1152 East  
Atlanta, Georgia 30334

**2. INTERMITTENT WATER BODY EVALUATION**

The permittee must conduct an annual evaluation of all water bodies present on or adjacent to Zone E of the site. If any intermittent water bodies become perennial, additional buffers may be required. The results of the evaluation must be submitted on June 30<sup>th</sup> of each year.

The report and other information shall be submitted to EPD at the address below:

Environmental Protection Division  
Wastewater Regulatory Program  
2 Martin Luther King Jr. Drive SE  
Suite 1152 East  
Atlanta, Georgia 30334

**3. DESIGN DEVELOPMENT REPORT**

The permittee must operate and maintain the system in accordance with the approved DDR as applicable to meet the effluent limitations and monitoring requirements for Part I.B.1, Part I.B.2, and the remaining irrigation zones listed in Part I.B.3.b of the permit.

**4. FLOW REDUCTION COMPLIANCE SCHEDULE**

The permittee must reduce the flow through the treatment plant to meet the limitations in Part I.B.2 of the permit in accordance with the following schedule:

- a. Within 9 months of the effective date of the permit, the permittee shall submit a report to EPD that outlines the progress towards reducing the influent flow to the plant to meet the effluent limitations in Part I.B.2. Alternatively, the permittee may submit an Environmental Information Document (EID), a Design development Report (DDR), a permit modification request and any additional supporting documents needed for the addition of land treatment sites at the facility.
- b. Within 18 months of the effective date of the permit, the permittee shall submit a report to EPD that outlines the progress towards reducing the influent flow to the plant to meet the effluent limitations in Part I.B.2 or towards upgrading the plant
- c. Within 27 months of the effective date of the permit, the permittee shall submit a report to EPD that outlines the progress towards reducing the influent flow to the plant to meet the effluent limitations in Part I.B.2 or towards upgrading the plant

- d. Within 42 months of the effective date of the permit, the permittee shall comply with the effluent limitations in Part I.B.2 of the permit

All correspondence and documents shall be submitted to EPD at the address below:

Environmental Protection Division  
Wastewater Regulatory Program  
2 Martin Luther King Jr. Drive SE  
Suite 1152 East  
Atlanta, Georgia 30334

**PART III.**

**INDUSTRIAL PRETREATMENT PROGRAM FOR PUBLICLY OWNED TREATMENT WORKS**

1. At the present time a determination has not been made as to whether the permittee will be required to establish and operate an approved industrial pretreatment program.
2. If the Division determines that the permittee is required to develop an industrial pretreatment program at the local level, the Division will notify the permittee of such requirement. Upon written notification from the Division, the permittee shall immediately begin development and submission of an approvable industrial pretreatment program no later than one year after the date of the notification.
3. During the interim period between determination that an industrial pretreatment program is needed and approval of the program by the Division, all industrial pretreatment permits shall be issued by the Division.
4. The permittee shall notify the Division of all industrial users connected to the system or proposing to connect to the system from the date of issuance of this permit.
5. Implementation of the Pretreatment Program developed by the State, can be delegated to the permittee following the fulfillment of requirements detailed in Chapter 391-3-6 Part .09 of the Rules and Regulations for Water Quality Control.

DATE: August 25, 2021

PARTIES: CITY OF GUYTON  
GILBERT+ASSOCIATES, INC.

SUBJECT: Professional Grant Writing Services

**RE:**  
**Georgia State Fiscal Recovery Fund**

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PROFESSIONAL GRANT WRITING SERVICES AGREEMENT

Whereas, the CITY OF GUYTON, desires to engage Gilbert+Associates, Inc. (G+A) to provide professional grant writing services for the Georgia State Fiscal Recovery Fund; and,

Whereas, G+A desires to provide such services and warrants that it possesses the capabilities to satisfactorily render said services as described in “Exhibit A”; and

NOW THEREFORE, in consideration of the mutual promises contained herein, the parties hereto do agree as follows:

**Compensation:**

Grant Writing Services: G+A shall perform grant planning and writing services, including on-line submittal of the State Fiscal Recover Fund at the Georgia grants portal for compensation in the amount of \$6,500 (Six-thousand and Five-hundred Dollars), with one-third thereof (\$2,166) to be paid upon contract execution, with one-third thereof (\$2,166) to be paid at 50% completion and the remaining one-third thereof (\$2,168) to be paid upon submission of the grant application.

- A. **Time of Performance:** G+A shall immediately begin to review the application guidelines and requirements and review documentation that the CITY OF GUYTON has provided. G+A will inform the CITY OF GUYTON as to what information is needed to complete the grant application via email on or before September 10, 2021. The completed on-line application will be submitted after receipt of all required information is provided by the CITY OF GUYTON and on or before the grant application deadline of October 31, 2021. (Please note that G+A will need all documentation a minimum of 5 calendar days prior to the grant application deadline.)
  
- B. **Stop Work Order:** If the CITY OF GUYTON decides not to pursue a State Fiscal Recovery Fund application prior to its completion and submittal to the grants portal by G+A, the CITY OF GUYTON will email G+A a stop work order, and G+A will bill for work completed to that date and time at an hourly rate of \$175.00 not to exceed \$6,500.00.

IN WITNESS WHEREOF, the parties have hereby entered into this agreement on this 25<sup>th</sup> day of August 2021.

GILBERT+ASSOCIATES, INC.

CITY OF GUYTON

By: \_\_\_\_\_  
Russ Deen, Mayor

GILBERT+ASSOCIATES, INC.

By: \_\_\_\_\_  
Rhonda Gilbert, President



EXHIBIT A  
SCOPE OF SERVICES

1. **Term:** The effective date of this contract shall be the date of execution. Tasks shall be undertaken and pursued in appropriate sequence for expeditious completion and submission of all required documents in accord with the project timelines.
2. **Relationship:** The relationship of G+A to the CITY OF GUYTON shall be that of an independent Consultant rendering professional services. G+A shall have no authority to execute contracts or make commitments on behalf of the CITY OF GUYTON, and nothing contained herein shall be deemed to create the relationship of employer and employee or principal and agent between the CITY OF GUYTON and G+A.
3. **Description of Services:** G+A shall provide project advisory and grant writing services. G+A services shall include, but not be limited to:
  - A. Review of all documents provided by the CITY OF GUYTON
  - B. Following review, G+A will inform the CITY OF GUYTON of any additional information needed for the application
  - C. Preparing and submitting the application on-line; and
4. **The CITY OF GUYTON Responsibilities:**
  1. The CITY OF GUYTON shall provide G+A all criteria and full information for the application, including:
    - A. Project information (either written or provided verbally through scheduled meetings) as identified in the State Fiscal Recovery Fund overview dated July 15, 2021, to include, but not be limited to, Project Scope of Work, Project Narrative as it relates to COVID, Project Budget, Project Schedule, Project Design and Implementation, Match Commitment Letter, and Project Goals with Performance Measures
    - B. Any additional information requested by G+A to complete the application
5. **Non-Discrimination:** G+A agrees it shall not discriminate against any person in the provision of any services or in any terms or conditions of employment on the basis of political affiliation, race, color, religion, national origin, sex, gender, sexual orientation, age, disability, or handicap, and will comply with all applicable federal and state laws, rules, regulations, and guidelines prohibiting discrimination.

6. **Indemnification:** To the extent permitted by Georgia law, the CITY OF GUYTON agrees to hereby indemnify and hold G+A harmless from any claims arising from, or related to, any act or omission to act by any the CITY OF GUYTON staff, person or entity acting on its behalf.
7. **Termination:** This contract may be terminated in whole or part in writing by either party whereby not less than thirty (30) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate is provided the respective party.

In the event of termination by the CITY OF GUYTON, G+A shall be immediately paid by the CITY OF GUYTON any amount unpaid for grant writing services provided as of the date of termination, as specified above.

8. **Entire Agreement; Modification; Assignment:** (a) This writing contains the entire Agreement of the parties, and no representations are made or relied upon by either party other than those expressly set forth. (b) No modifications, amendment, waiver or discharge hereof shall be binding upon either party unless executed in writing by said parties. (c) The services and obligations of G+A under this contract may not be transferred, assigned or subcontracted to any third party without the express written consent of the CITY OF GUYTON.

## **1. Guyton Wastewater Capacity Recovery Plan**

### **2. Project Summary**

Due to a change in the Ogeechee River Flood Plain Map, the City of Guyton lost two of its three sewage spray fields, which is 66% of its wastewater treatment capacity. This loss created a need to buy wastewater treatment capacity from a neighboring city with funds which are needed to pay the existing bond on our treatment plant. Without assistance, the City may be forced to raise water and sewer rates in a community with poverty rates 38% higher than the national average. The construction of new spray fields has been further impacted by the rising prices of materials and labor due to the outbreak of COVID19. The Guyton Wastewater Capacity Recovery Plan will use property currently owned by the city to treat our wastewater safely, protecting both our citizens and our local environment in an economically and ecologically intelligent approach.

Guyton, GA 31312 is a city of 2,500 citizens located in Effingham County. The Guyton Wastewater Capacity Recovery Plan will cost approximately \$1.2 million dollars total. \$600,000 will come from ARPA funds and if approved \$600,000 from State and Local Fiscal Recovery Funds. The proposed plan would impact all city citizens as well as neighboring county citizens who are served by the city for water and sewer, including the businesses they frequent in the city limits. The financial relief to our budget would allow for improvements in all city departments as it would free up funds currently required to keep our city solvent. The Guyton Wastewater Capacity Recovery Plan will plan, permit, and build the necessary wastewater infrastructure needed to reclaim capacity lost to the change in our flood plain, as well as allow for the future needs of a growing community.

### **3. Description of the Issue**

Due to a change in the Ogeechee River Flood Plain Map, the City of Guyton lost 66% of our wastewater treatment capacity. The loss of two of our three LAS fields has devastated our ability to serve our citizens and the businesses of our community. Without capacity, it will be difficult to service our bond debt and provide for the future of our city and surrounding area.

Guyton engaged with Parker Engineering in 2019 to begin the process of investigating our wastewater needs. In 2020, Guyton engaged with EOM Operations to operate and service our water and sewer system. Through their guidance we have formulated a plan to produce the needed capacity to service our current needs and prepare for the future needs of our community. With the addition of two new LAS sites on existing city land near our wastewater treatment plant, Guyton can replace the lost capacity as well as provide for the growth needed to provide the services, businesses, and jobs to help improve our local quality of life.

The costs of constructing new LAS fields increased dramatically due to COVID19 increasing the costs of PVC tubing, specialized fixtures, as well as labor costs. These cost increases are impacting cities nationwide, but for a small city with a poor population, these increases put our project out of reach without financial assistance.

Guyton is a city in Effingham County, Georgia, United States. The population was 2,226 at the 2019 Population and Housing Unit estimate, up from 1684 in 2010. Guyton is part of the Savannah Metropolitan Statistical Area and is located 28 miles northwest of that city's center. As of 2019, Guyton had a poverty rate of 14.5%, compared to the national average of 10.5%. The racial makeup of Guyton is 61.69% white, 36.47% black, and 1.83% other. Guyton's ZIP code is 31312.

#### **4. Project Design and Implementation**

By replacing lost wastewater treatment capacity and providing additional capacity for future growth, Guyton stands to improve residentially and commercially, providing new jobs for our citizens and encouraging growth and needed revenue for our businesses. Guyton will be able to lower the cost of our water and sewer services to our citizens.

##### Objectives

- Replace wastewater treatment capacity lost to the change of the Ogeechee River Flood Plain
- Build additional wastewater treatment capacity for future residential and commercial growth
- Remove dependence on neighboring city to provide wastewater treatment capacity
- Lower local water and sewer rates for citizens and businesses saving citizens and business owners money and encouraging job creation

Please see the attached comprehensive timeline included with this proposal.

#### **5. Capabilities and Competencies**

##### Staff on Project

City Manager Mike Eskew

City Engineer Wesley Parker- Parker and Associates of Statesboro, GA

City Accountant Matthew Caines- Caines Hodges CPAs

Environmental Consultant- Nutter and Associates of Athens, GA

Water/Sewer Operations- EOM Operations of Richmond Hill, GA

This project has the full support of Guyton's Mayor and City Council. Guyton's team of professionals listed above are all successful in their fields and have successfully brought numerous wastewater treatment projects to completion. This project has no subawards to manage or monitor. Modifications to this strategy will be governed by the technical expertise of City Manager Mike Eskew and City Engineer and Designer of the Project Wesley Parker. Project fiscal responsibility will be monitored by City Accountant Matthew Caines and City Clerk Meketa Brown. The required performance data reporting for the SLFRF grant will be collected, collated, and submitted in a timely fashion by our City Manager Mike Eskew.

**6. Plan for collecting the Data Required**

City Manager Mike Eskew will be the primary point person for collection of the data required for an SLFRF grant. He will have the support of City Engineer Wesley Parker, City Accountant Matthew Caines, and our City Clerk Meketa Brown.

**7. Budget**

Detailed Soils Report	\$65,000
Design, EID, and DDR	\$_____
Construction	\$ (as much detail as possible)
Total Cost	\$1,200,000.00
Funds from ARPA	\$600,000.00
Funds from SLFRF	\$600,000.00

**8. Match Funds**

The City of Guyton will match funds evenly with funds received from the SLFRF with a portion of our ARPA funds. Funds from the SLFRF would allow us to use the remainder of our ARPA funds for other pressing city needs related to COVID19, such as employee safety and economic relief to our local small business community.

**9. Supporting Documentation**

Find attached documentation supporting our plan to permit and construct two new spray field sites.

Mr. Mayor,

I don't have any additional work to do on the charter at this time, so the estimate is as follows:

Attend workshop in Guyton: perhaps \$1,100.

Make revisions agreed upon by Council at workshop: \$325, based on my current belief that requested revisions will not be very time-consuming to implement.

Attend council meeting/hearing at which charter is discussed: perhaps \$1,375.

Work with legislative counsel, Rep. Burns, etc. from the date of Council approval to a vote of the state legislature: \$1,500, but likely significantly less.

Total estimate: \$4,300.

Please let me know if you have any questions.

Thanks,

**Ben Perkins**

**Oliver Maner LLP**

## Advertising Rates

**GENERAL RATE POLICY:** Statements are sent at the end of each calendar month (All rates are net). Prepayment is required without credit approval. Retail rates are run-of-paper position. Position is not guaranteed without an additional fee. Publisher reserves the right to reject or revise advertising copy and assumes no liability for omissions or errors. Customers with 90 day balance will not run.

SIZE	Full Color	Spot Color	B&W
Page	1,095.00	1,010.00	945.00
3/4	825.00	740.00	675.00
2/3	780.00	695.00	630.00
1/2	622.50	537.50	472.50
1/3	462.00	380.00	315.00
1/4	346.50	301.25	236.25
1/6	231.00	210.00	157.50
1/8	176.00	160.00	120.00
1/16	148.00	80.00	60.00

### Frequency Discount (print)

13 weeks	26 weeks	52 weeks
10 %	15 %	30 %

\* Call for pricing for annual Countywide Edition

### EFFINGHAM HERALD DEADLINES

Publishes	Deadline
Wednesday .....	Noon Friday

### MECHANICAL REQUIREMENTS, HERALD:

Page is 6 columns x 21 inches before reproduction.  
Inches per page, 126, double truck, 273.

### HERALD RETAIL & CLASSIFIED

Columns .....	Inches	Columns .....	Inches
1.....	1.6389	4.....	6.9556
2.....	3.4111	5.....	8.7278
3.....	5.1833	6.....	10.5

### Agency Pricing:

Effingham Herald Retail  
and Classified Rate.....\$7.50 per inch  
Full Color.....\$3.50 per inch

### Non-Profit Special Classification Offer:

Effingham Herald Retail  
and Classified Non-Profit Rate ..... \$5.65 per inch

### Pre-Printed Inserts

Single card .....	\$29 per thousand
2 std. - 4 tab.....	\$39 per thousand
4 std. - 8 tab.....	\$44 per thousand
6 std. - 12 tab.....	\$49 per thousand
8 std. - 16 tab.....	\$54 per thousand
10 std. - 20 tab.....	\$59 per thousand
12 std. - 24 tab.....	\$64 per thousand
Front Page Post-It Notes .....	\$55 per thousand

**SHIPPING:** Brick-stacked, banded both ways,  
quarterfolded

### Address to:

EFFINGHAM HERALD  
c/o Statesboro Herald Publishing Company  
1 Proctor Street, Statesboro, GA 30458

### ADVERTISING REPRESENTATIVES

Christy Scroggs • cscroggs@effinghamherald.net  
Kim Dennis • kdennis@effinghamherald.net

We accept

586 S. Columbia Avenue #13  
Rincon, Georgia 31326



Telephone: (912) 826-5012  
Fax: (912) 826-0381

**From:** [Christy Scroggs](#)  
**To:** [Russ Deen](#)  
**Subject:** RE: Halloween on the Trail Ad  
**Date:** Thursday, September 2, 2021 10:15:15 AM

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**I gave you 3 different sizes to choose from on this ad..... Each ad that is placed into the Herald will also be on the Herald website.**

1/4 page - color - \$346.50    Black & White - \$236.25

3 x 8 – color - \$264.00        Black & White - \$180.00

3 x 5 – color - \$165.00        Black & White - \$112.50

**We do have discounted pricing if you chose to run at least 4 consecutive times in the Herald..... Pricing is as follow.....**

1/4 page – color - \$185.00    Black & White - \$145.00

3 x 5 – color - \$102.00        Black & White - \$75.00

We do not have a 4 times option discount for the 3 x 8 size.

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**From:** Russ Deen <Russ.Deen@cityofguyton.com>  
**Sent:** Thursday, September 02, 2021 9:30 AM  
**To:** Christy Scroggs <cscroggs@EffinghamHerald.net>  
**Subject:** trail

Russ Deen  
Mayor  
Guyton, GA  
912-665-4981

**[CAUTION]: This message originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**