

January 5, 2024

Marzieh Shahbazaz, Manager  
Watershed Compliance Program  
Watershed Protection Branch  
2 Martin Luther King Drive  
Suite 1470A, East Tower  
Atlanta, GA 30334

RE: Response to Letter of Noncompliance  
Quitman Water Pollution Control Plant  
LAS Permit No. GAJ020022

Dear Ms. Shahbazaz,

The attached summary is an update to the October 27, 2023, response from the City of Quitman regarding violations that occurred between April 2020 and August 2022. The summary also addresses plans to reduce inflow & infiltration issues within the City's collection system. Additionally, per your request, the full DMR for January 2023 was submitted through netDMR on 12-7-2023.

If you have any questions, please contact me at [dfrost@inframark.com](mailto:dfrost@inframark.com).

Sincerely,



David Frost  
Project Manager  
ESG-Quitman

Cc: Nancy Dennard  
[ndennard@quitmanga.gov](mailto:ndennard@quitmanga.gov)

## Attachment A

Upon taking over operations on February 1, 2023, ESG immediately began a comprehensive evaluation of Quitman's wastewater collection and treatment systems. We identified multiple areas needing improvement. Those areas were prioritized and systematically addressed over the last 10 months. An update to the corrective actions and improvements are outlined below.

### 1. Wastewater Treatment Plant (WWTP) Influent Pump Station

**Upcoming Improvement:** Upgrades to existing SCADA system will allow for remote monitoring of pumps, flow, and provide alerts for high levels and power failures.

**Update:** *SCADA upgrade is complete. A portable 6-inch emergency pump is pre-positioned at the pump station and will remain in place permanently to prevent overflows from rain events.*

### 2. WWTP Effluent Pump Station

**Upcoming Improvement:** Installation of SCADA system will allow for remote monitoring of pumps, flow, and provide alerts for high levels and power failures.

**Update:** *SCADA project is COMPLETE.*

### 3. Land Application Site (LAS) Pump Station

**Upcoming Improvement:** Installation of SCADA system will allow for remote monitoring of pumps, pond level, flow, and provide alerts for power failures.

**Update:** *SCADA project is COMPLETE.*

### 4. Lift Station #5 (High School)

**Issue:** One of two pumps was out of service.

**Corrective Action:** Pulled and repaired the bad pump. Station is fully operational.

**Upcoming Improvement:** Installation of a chopper pump to eliminate clogging.

**ECD:** *FY2025*

### 5. Lift Station #8 (N Court)

**Issue:** One of two pumps was out of service. The base elbows for both pumps need replacing; pumps do not fully seal.

**Update:** *New gasket was installed on one pump. Pump is online; station is off the 6" portable pump. Pump gasket and new check valve for second pump have been identified for replacement. ECD: 3/2024*

6. Lift Station #11 (Baker St)

**Issue:** Both pumps were out; station was operating via 6" portable bypass pump.

**Corrective Action:** Ordered & installed one new pump and removed the portable bypass pump. Additional repairs were done on the float system & control panel. Purchase and installation of second pump is pending. *ECD: 3/2024*

7. Emergency Generators

**Issue:** Standby emergency generators were out of service at six locations.

**Corrective Action:** Initiated a repair and recurring maintenance contract for all generators; 5 of the 6 generators are back in service. The sixth generator (WWTP) has been serviced but is currently out of service pending new control panel.

**Update:** *New control panel has been installed. WWTP generator is back in service.*

**Projects to address Inflow & Infiltration (I&I)**

1. Collection System Evaluation Program

a. Smoke Testing

- i. **Update:** *Smoke testing starts January 9<sup>th</sup>. ECD for testing the entire collection system is February 9<sup>th</sup>.*

b. CCTV Inspections

- i. **Update:** *Scope of CCTV inspections will be determined upon completion of the smoke testing program*

c. Manhole Inspections

- i. **Update:** *Starting February 2024, the manhole inspection program will be an ongoing process with a goal of inspecting at least 10 manholes per month. Inspection results will be used to develop annual (Fiscal Year) manhole rehabilitation projects.*

2. Manhole Rehabilitation Program

- a. *Recommended project for the FY25 Capital Improvement Plan (CIP)*  
b. *Project would include the rehab of 10-20 manholes per fiscal year.*

3. Sewer Main Rehabilitation Program

- a. *Recommended as a recurring annual project to begin FY25.*  
b. *Project would include the rehab or replacement of a minimum 2,000 linear feet of sewer main per fiscal year.*

4. Install automated screening system at WWTP headworks.

- a. *Recommended project for the FY25 CIP*

5. Replace effluent pump station control panel, upgrade control system (WWTP.)

- a. *Recommended project for the FY25 CIP*