



where people matter

City of Loganville

Public Utilities  
Brandon Phillips  
Director  
P.O. Box 39  
Loganville, GA 30052

Tel: 770-466-3240

## Staff Report Department of Public Utilities

**To:** Honorable Mayor Baliles, and Members of the City Council

**Through:** Danny Roberts, City Manager

**From:** Brandon Phillips, Director of Utilities

**Date:** June 12, 2025

**Subject:** WQC Reuse Water System

### **RECOMMENDATION:**

The Utilities Department recommends the City Council approves the repairs of the reuse water system at the wastewater treatment facility.

### **FISCAL IMPLICATION:**

Every reuse gallon used keeps us from using purchased water. The treatment facility currently uses reuse water for equipment maintenance instead of using potable water which saves the city money. The Fire Department also uses it for their fire engines and for training purposes.

Total costs for the repair is \$19,462.00  
Line item 505-4300-522203

### **BACKGROUND:**

The reuse tank and pump station was installed with our last treatment plant upgrade. The pumps were sized to supply reuse water to surrounding developments that ultimately decided not to use reuse for their irrigation. This caused an issue with the pumps being too large for treatment plant use only, which caused the pumps to cycle on and off to often resulting in pump failure. The pump and impeller change will be more suitable for our current application.

Cornerstone Mechanical  
PO Box 3095  
Peachtree City, GA 30269  
+17707423321  
andrea@cornerstoneh2o.com  
<https://www.cornerstone-mechanical.com>



## INVOICE

**BILL TO**

City of Loganville  
4303 Lawrenceville Rd  
Loganville, GA 30052

**SHIP TO**

City of Loganville WWTP  
4895 Hwy. 81 N  
Loganville, GA 30052  
Attn: Tyler Canup

**INVOICE #** 1297**DATE** 05/05/2025**DUE DATE** 06/04/2025**TERMS** Net 30

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Field Services	Reuse Water System Lower Flow Impellers 1. Mobilize to City of Loganville WWTP 2. Pull pump one rotating element 3. Remove current 10-inch impeller from rotating assembly 4. Provide and install new 8.125" Diameter impeller 5. Reassemble pump complete 6. Test run and get feedback from plant on new flow rate 7. Move to pump 2 and perform the same scope of work 8. Provide and install new 1-each new direct replacement for Goulds Stack Booster Pump and Motor. TigerFlow model CD5-9. Make wiring connections and test run new pump.	1	14,990.00	14,990.00

**BALANCE DUE****\$14,990.00**

Pay invoice

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**INVOICE #** 1301**DATE** 05/07/2025**DUE DATE** 06/06/2025**TERMS** Net 30

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ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Field Services	Providing the correct impellers and booster pump	1	4,472.00	4,472.00

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**BALANCE DUE****\$4,472.00**

Pay invoice