



3c

## Public Works Report June 2024

### Summary of Activities:

#### Middle School Project

The new Middle School construction is progressing, with significant work done on the drainage system, stormwater detention ponds, and water main installations. Notably, on June 17, 2024, Trinity Construction inadvertently cut the underground power and water main for one of the Eagle wells, which was not marked on the plans. I instructed them to hire an electrician to re-pull all wires from the nearest junction box to the wellhead after repairing the conduit. Initially, they repaired the water line with plastic couplings, but I mandated replacement with cast iron couplings. This repair was completed by Thursday, and the system was reactivated the following Monday due to mud in the area.

During initial inspections, I observed deviations from Johnson City Design Standards in the water main installation. The bedding under the pipes was only 6 inches deep instead of the required 12 inches, and the 12-inch pipe had only 4 feet of cover instead of the required 5 feet. I held a meeting with Gallagher Construction Services and Trinity Contractors, providing them with the Johnson City Design Standards to ensure compliance. Subsequent inspections revealed further issues with the grade alignment, which were corrected by Trinity with 22-degree fittings and proper thrust blocking on all cast iron parts. All sections have since passed inspection.

#### Old River Crossing RV Park

Staff and the Mayor met with the current owners and contractor, Trident Contracting, to discuss necessary improvements. We requested the replacement of knocked-over street signs, removal of destroyed culverts in front of the church, repairs to driveways to prevent road base erosion, and road patching to ensure an 18-foot width for vehicle passage and proper drainage. We are awaiting satisfactory completion of the onsite plan revisions by their engineer.

### Infrastructure and Maintenance:

#### Streets

Patching, overlay, and sealing punch list repairs were completed around June 14, 2024. Due to recent rain, street sweeping and vacuuming were delayed but are ongoing. Following these activities, we will resurvey all streets to ensure compliance with our punch list.

### **Gadge and Cade Construction**

Gadge and Cade Construction, contractors working for PEC on Mesquite Drive, have caused significant damage to recently repaired streets due to heavy truck traffic hauling dirt and fill. The affected streets include Old Austin Hwy., Mesquite Dr., Haley, and smaller side roads in the area. I have contacted the contractor and sent photos of the damage, requesting their plan for repairs. Additionally, Rick has reached out to PEC with the following email:

"With the construction of the PEC laydown yard off Mesquite Dr., the City has noticed considerable road damage from PEC trucks and other oversized vehicles. The primary road damage is located off Old Austin Hwy., Mesquite Dr., Haley, and the smaller side roads in this area. The Public Works Director has been in contact with Zach Cason with Gadge and Cade Construction (see below), but I do not believe we have heard anything yet. City concerns include, among others:

1. Road damage; and
2. The use of these streets for access to the PEC laydown yard, rather than main access points off US Hwy. 281 through existing PEC facilities.

Moreover, this issue also brings forth provisions within our existing Franchise Agreement:

#### **Section 4. Operations and Maintenance.**

(b) The surface of any street, alley, or public way or place disturbed by the Cooperative shall be restored to substantially the same condition existing prior to the work by the Cooperative within a reasonable time after the completion of the work. No street, alley, or public way or place shall be encumbered by the Cooperative for a longer period than shall be reasonably necessary to execute the work.

We would like to set up a meeting with you and your team to discuss this matter. Please advise on a good date/time and we will coordinate on our end."

### **Water and Wastewater**

Please refer to the attached monthly report from the EPA on the Wastewater Treatment Plant. Operational challenges arose when my phone fell into the clarifier, causing a temporary increase in the return rate to prevent pump stalling. Despite this, the plant continues to run smoothly, and I have activated an additional blower to maintain higher dissolved oxygen levels, which is challenging during the summer. All chlorine and bacteria levels are satisfactory.

### **Parks and Recreation:**

#### **Community Park**

- **Playground Repairs:** The slide on the larger playset damaged during the May 9th hailstorm has been delivered and will be installed soon. The toilet seats in the community park bathroom have been replaced.

- **Community Pool:** The pool is fully staffed and recently hosted the first dive-in movie of the summer. Attendance has been steady with no issues noted.
- **Skate Park:** Unfortunately, the skate park was tagged again around June 14-15. Staff promptly removed the spray paint.
- **Security:** All cameras at the community park have been online and operational since June 17th. These are monitored and reviewed for any suspicious activity.

### **Memorial Park**

Small repairs were made to the bathroom at Memorial Park this past month. Overall, the park is in great condition and we will continue to monitor it for repairs and trash collection.

### **Capital Improvement Projects:**

#### **CDBG – Fire hydrant and Valve Replacement Project**

Construction contractor Sovrex began work on Monday, June 24th by marking, inspecting, and excavating the selected valve locations in preparation for the insertion valve placement. There are thirteen (13) locations selected for valve placement and replacement. Once this is completed, a second crew will begin replacing the fire hydrants. We expect the second phase of this project to begin in two to three weeks with a projected completion by end of August.

#### **ARPA – Sewer Line Rehab**

This project has been completed and remained under budget. All lines are fully operational, significantly reducing the staff time spent on jetting and cleaning the sewer mains in those sections.

### **Professional Development:**

#### **Water License Renewal**

Larry Bible and I have renewed our water licenses for the next three years.

#### **WEFTEC Conference**

I have been invited by Colin Marcusen with SEH to attend the WEFTEC conference in October. This conference will feature equipment demonstrations and onsite tours in New Orleans, providing an opportunity to discuss treatment options with operators and engineers. This firsthand exposure to various treatment possibilities will be more beneficial than solely relying on recommendations.

#### **Staffing Needs**

The Utility Department would benefit from adding an additional public works employee as the budget allows.

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## DMR Copy of Submission

Expand Notices

Form Approved OMB No. 2040-0004 expires on 07/31/2026

**Permit**

**Permit ID:**

TX0052973

**Permittee:**

JOHNSON CITY, CITY OF

**Facility:**

JOHNSON CITY MUNICIPAL WWTP

**Permitted Feature:**

001 - External Outfall

**Report Dates & Status**

**Monitoring Period:**

From 05/01/24 to 05/31/24

**Status:**

**NetDMR Validated**

**Considerations for Form Completion**

**Principal Executive Officer**

**First Name:**

Rick

**Title:**

**Last Name:**

Schroder

**No Data Indicator (NODI)**

**Form NODI:**

-

**Major:**

**Permittee Address:**

PO BOX 369  
JOHNSON CITY , TX78636

**Facility Location:**

343 RESORT RD  
JOHNSON CITY , TX78636

**Discharge:**

001-A - DOMESTIC FACILITY - 001

**DMR Due Date:**

06/20/24

**Telephone:**

830-868-7111

Code	Name	Value 1	Units	Value 2	Value 3	Units	of Ex.	Analysis	Type
51040	E. coli								
	1 - Effluent Gross								
	Season: 0								
	NODI: -								
80082	BOD, carbonaceous [5 day, 20 C]								
	1 - Effluent Gross								
	Season: 0								
	NODI: -								

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

No attachments.

**Report Last Saved By**

JOHNSON CITY, CITY OF

User: bsultemeier@johnsoncitytx.org  
 Name: Brent Sultemeier  
 E-Mail: bsultemeier@johnsoncitytx.org  
 Date/Time: 2024-06-10 10:00 (Time Zone:-05:00)

**Report Last Signed By**

User: bsultemeier@johnsoncitytx.org  
 Name: Brent Sultemeier  
 E-Mail: bsultemeier@johnsoncitytx.org  
 Date/Time: 2024-06-10 10:01 (Time Zone:-05:00)

