



TOWN OF ELIZABETH

MIKE DEVOL, PUBLIC WORKS DIRECTOR

To: Honorable Mayor, Mayor Pro-Tem and Town Board of Trustees
From: Mike DeVol, Public Works Director
Date: April 8, 2025
Subject: Public Works Monitoring Report

Town Street Paving Improvements Project:

1. Ongoing projects for the year 2025.

Town Main St. Decorations:

1. Will remain down for Mainstreet Streetscape project.

Town Wells, Tanks, and Effluent:

1. Denver D-1 Well is slated to be brushed and cleaned in the first two weeks of April.

Town Water Line (Non) Emergency Repair:

1. No Frozen Services during this reporting period.

Town Hall/Repairs/Landscaping Plan:

1. Nothing to Report

Town Walkway Repairs:

1. PW will be completing a sidewalk repair at E Elm St. and S Elbert St. using a Foam Jacking technique as a demonstration for longevity and cost effectiveness. The contractor is local and lives in Hillside Village.
2. PW has noticed two areas of concern for sidewalks that are heaving due to freeze and thaw conditions consistent for our area.

Town Street Maintenance/Striping Projects:

1. Striping will take place in the spring/summer of 2025 as needed.

Town Snow Plowing and Street Sweeping: Snow Season is Upon Us!

1. The Town Newsletter included the Town Plowing Code and Snow Route "No Parking" information.
2. PW has been plowing and applying salt/sand as needed. Clean up continues as storms subside.
3. PW continues educating property owners of their responsibilities and the Town's actions during and after storms.
4. Public Works has begun sweeping of the streets and removing ice and snow as needed.



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Town New Wells at Ritoro/Gold Creek Valley:

1. The new Wells Building is complete, and PW is planning an Open House Grand Opening in the spring of 2025.
2. Landscaping will take place in 2025, and PW will work with the 4 adjacent property owners for their approval of the landscape sketch to ensure that we conceal as much of the building as possible from their views.

Town Trail Project:

1. Town trails are cleared of snow as soon as the storm has stopped for use by the public.
2. PW has seen increased parking along Highway 86, Harvest Bible Church, and Running Creek Elementary school for trail enthusiasts.

Gold Creek Lift Station Improvements:

1. Completion of project has begun warranty period and filing completion with CDPHE Permitting.

Eligibility Surveys for Water and Wastewater Capital:

1. Surveys have been completed for 2024/2025 and accepted by the Colorado Department of Public Health and Environment (CDPHE). The eligibility surveys allow the town to be in line for any funding that may be available for future projects.

Gold Creek Wastewater Treatment Plant (GCWWTP):

1. No Changes as of this report.
2. Just a quick review of the Wastewater Plant: It is designed to treat 500,000 (.5MGD) gallons of raw sewage per day. Train 1 and Train 2 share that equally. The plant is currently treating 170,000 (.17MGD) average gallons per day while maintaining our minimal 85% reduction of constituent removals (currently 93%-99% removal) that are set by CDPHE in our permit. When the time comes that the wastewater plant is treating at 80% (400,000 gallons or .4MGD) of the total capacity, the town must start to show plant expansion plans to CDPHE. The current WTP upgrade budget is currently in good shape for funding. Reference of constituent removal: Please see attached Laboratory Sampling Analysis for actual numbers. Note that all numbers/results are shown as milligrams per liter (mg/L). This equates from metric to standard as parts per million (ppm). Plant is 100% biological/bacteria (bugs). NO CHEMICALS.

Bio-Chemical Oxygen Demand (BOD) minimum 85% removal (current average is 99% removal).
Total Suspended Solids (TSS) minimum 85% removal (current is 93% to 99% removal).
Nitrogen/Ammonia (NH3) minimum 85% removal (current is 99% removal).
E. Coli maximum 115 parts per million (ppm) (current <1 ppm). U.V. light neuters bacterial for no reproduction and does not kill the bacterial which in turn means no chemicals and cost savings to the Town residents.



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Town Clean Up Day/Paint Round Up/Arbor Day:

1. Town Clean Up Day is rescheduled to May 10th at the Public Works yard located at 303 Washington St. from 8:00 AM to 12:00 PM due to the conflicting Meat-In event held at the Elizabeth Locker Plant.

Town Public Works News:

1. Public Works has one Water/Wastewater position open for 2025.
2. Public Works has one Streets/Parks position open for 2025.

Friday Night Markets:

1. PW is gearing up for the 2025 season.

Town Parks and Right of Way:

1. Nothing to report.

Upcoming Projects:

1. PW has completed 2024 the CDPHE Annual Reporting.
2. Annual Biosolids has been completed for 2024 and sent to CDPHE.
3. Regulation 85 Nutrient Monitoring accepted by CDPHE.
4. PW has completed a round a PFAFs (radiation/radiological). Results have been reported to CDPHE.
5. Water Augmentation and Recording.
6. Water Lead and Copper sampling.
7. Water Constituents Metals Sampling.
8. Annual DMR (Daily Monitoring Report) Gold Creek Wastewater Plant.
9. Tree City USA Application/Accepted and approved by Tree City USA.
10. Trail DOLA findings and inspections/addition of willow cutting planted.
11. PW has completed Highway User Tax Fund (HUTF) reporting and data processing.
12. PW is completing lead and copper testing per CDPHE guidelines for 2024.
13. Flushing of the entire town's water supply system is completed every 6 months.

Mike DeVol

Town of Elizabeth

Public Works Director

GCWWTP Operations

303-913-6453

mdevol@townofelizabeth.org