



Gee Creek Facilities Upgrade (CIP 3-502A, 3-502B)

Location: Ridgefield

Number: 27-2021-0063, 26-2022-0091, 27-2023-0016

GL Number: 409-100-189-00-01-17, 407-100-189-00-01-14,
409-100-189-00-01-20

Phase: Planning

Project Manager: Dale Lough

GSP Basin: Gee Creek East – 3-503
Cedar Ridge – 3-505, Reiman Road – 3-506,
Gee Creek (3-502)

Capital Improvement Project ☒

General Facilities ☒

Local Agency Partnership ☐

Septic Elimination Program ☐

Developer Reimbursement Program ☐

Restoration & Replacement Project ☐

Restoration & Replacement – Gravity ☐

Restoration & Replacement – PS & FM ☐

Restoration & Replacement – Local Agency Partnership ☐

Project Definition:

Background. To facilitate the decommissioning of the Ridgefield Wastewater Treatment Plant (RTP), flow from the City of Ridgefield is being directed to Pioneer Canyon Pump Station and the subsequent Discovery Corridor Wastewater Transmission System (DCWTS). One of the critical steps to directing flow to DCWTS is to redirect Gee Creek Meadows Pump Station to Pioneer Canyon Pump Station. The 2017 General Sewer Plan identified the need for an intermediate pump station due to the static head requirements between the pump stations.

Prior to the construction of DCWTS, Pioneer Canyon Pump Station flowed west through twin 12-inch force mains to Gee Creek Meadows. The existing force mains are currently not in use and are available to redirect flows from Gee Creek Meadows.

Objective. Upgrade Gee Creek Meadows Pump Station, construct a new force main to an intermediate pump station, construct an intermediate pump station and force main system, Gee Creek Plateau, to direct flows to Pioneer Canyon Pump Station. Gee Creek Plateau Pump Station will also provide service to the Gee Creek East sewer basin. Use the existing 12-inch force mains where practical.

Scope of Work. Upgrade Gee Creek Meadows Pump Station, construct a new force main to Gee Creek Plateau, construct Gee Creek Plateau Pump Station and force main to tie into the existing 12-inch force mains. System design capacity is 1,500 gpm for Gee Creek Meadows and 1,800 gpm for Gee Creek Plateau.

Project Statistics. Force main – 2,800 feet of new 12-inch and 5,400 feet of redirected 12-inch.

Gee Creek Meadows Pump Station – 60 hp triplex submersible pumps; 10-foot wetwell; three phase electrical service; diesel generator; control kiosk; odor control chemical tank.

Gee Creek Plateau Pump Station – 70 hp triplex submersible pumps; 10-foot wetwell; three phase electrical service; diesel generator; control kiosk; odor control chemical tank.

Photos: (Map of area on the reverse side)

Budget Information:

Project Cost Estimate:

Total Project Cost:	\$16,100,000
Construction Cost:	\$13,000,000
Basis of Estimate:	Planning
Date of Estimate:	Sept. 2025

Schedule Information:

<u>Activity</u>	<u>Year</u>
Predesign	2022-2024
Permitting	2024-2027
Real Property/ROW	2024-2027
Design	2025-2027
Bid	2027
Construction	2027-2028

