



### Gee Creek Meadows and Gee Creek Plateau Pump Station and Force Mains (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

**Capital Improvement Project**

General Facilities

Local Agency Partnership

Septic Elimination Program

Developer Reimbursement Program

**Project Manager:** Jerry Barnett

**Restoration & Replacement Project**

Restoration & Replacement – Gravity

Restoration & Replacement – PS & FM

Restoration & Replacement – Local Agency Partnership

**GSP Basin:** Gee Creek East – 3-503

Cedar Ridge – 3-505, Reiman Road – 3-506,

Gee Creek (3-502)

#### 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 main. Forecasted 2036 capacity for Gee Creek Meadows Pump Station is 950 gpm and 50-year capacity is 1,300 gpm. Forecasted 2036 capacity for Gee Creek Plateau is 1,100 gpm and 50-year capacity is 2,500 gpm.

**Project Statistics.** Force main – TBD feet of 12-inch force main.

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

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

**Photos:** (Map of area on the reverse side)



### Budget Information:

<u>Project Cost Estimate:</u>	
Total Project Cost:	\$15,840,000
Construction Cost:	\$12,700,000
Basis of Estimate:	Planning
Date of Estimate:	Sept. 2024

### Schedule Information:

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

