



# Clark Regional Wastewater District

## Ten-Year Capital Program Capital Project Profile

### Gee Creek Meadows Pump Station Upgrade (CIP 3-502A)

**Location:** Ridgefield

**Number:** 26-2022-0091

**GL Number:** 407-100-189-00-01-14

**Phase:** Planning

**Project Manager:** Jerry Barnett

**GSP Basin:** Gee Creek (3-502)

**Capital Improvement Project** ☒

General Facilities ☒

District Installed Infrastructure ☐

Septic Elimination Program ☐

Developer Reimbursement Program ☐

Fleet & Facilities ☐

**Restoration & Replacement Project** ☐

Restoration & Replacement - Gravity ☐

Restoration & Replacement – PS & FM ☐

Restoration & Replacement – Fleet & Facilities ☐

#### Project Definition:

Background. One of the critical elements in taking the Ridgefield WWTP off-line is redirecting the Gee Creek Meadows Pump Station flow toward the Pioneer Canyon Pump Station and its eventual conveyance to the Discovery Corridor system. The existing Gee Creek Meadows Pump Station and force main will be modified and directed to the future Gee Creek Plateau Pump Station.

The District completed a Pump Station Risk Assessment in 2022 and the Gee Creek Meadows Pump Station ranked fourth on the list. To address the risk, the pump station improvements will be completed ahead of the force main redirection efforts.

Objective. Upgrade Gee Creek Meadows Pump Station to be redirected to the future Gee Creek Plateau Pump Station and address existing pump station deficiencies.

Scope of Work. Upgrade the existing pump station to comply with current safety and building codes and improve the station's operation efficiency. Increase the capacity of the pump station to 950 gpm to accommodate 2036 projected flow to the station. The anticipated 50-year flows through this station are expected to be approximately 1,300 gpm. Potential easement acquisition.

Project Statistics. Pump station – Capacity increase from 775 gpm to 950 gpm. New wet well, replacement of two existing pumps with larger pumps, upgrades to the electrical system.

**Photos: (on the reverse side)**

#### Budget Information:

Project Cost Estimate:

Total Project Cost:	\$3,330,000
Construction Cost:	\$2,660,000
Basis of Estimate:	Planning
Date of Estimate:	Sept. 2023

#### Schedule Information:

<u>Activity</u>	<u>Year</u>
Predesign	2023-2024
Permitting	2026-2027
Real Property/ROW	2026-2027
Design	2026-2027
Bid	2027
Construction	2027

