



## Penn Valley Dual Sewer Force Main Project - Nevada County

### PROJECT DATA

**Owner:**

Nevada County Sanitation District  
No.1

**Project Type:**

Wastewater

**Project Duration:**

2016-2018

**Construction Value:**

\$7,000,000

**Inspection:**

ICM Group, Inc.

**Designer:**

HydroScience

**Contractor:**

Koch & Koch Construction

### Project Overview

The project consisted of 4.5 miles of 6" dual sewer force main, creek crossing by HDD methods, new Sewer Lift Station, Squirrel Creek Bridge crossing, improvements to the Lake Wildwood WWTP Influent Sewer, new Grit Removal and Odor Control systems, connections to existing collection system, air-vacuum valves, interties, and paving. Auger bore & jack method was used to cross State Highway 20. Pipeline alignment passed through Penn Valley residential and commercial corridors and also along the very busy Pleasant Valley Road near the Lake Wildwood community.

### Services Provided

ICM Group, Inc. provided construction management and inspection services for Nevada County Sanitation District No. 1. Services included inspection of daily construction, verifying work quality, preparation of daily reports and photos, and review of change orders and progress payments.