

Hultgren-Tillis Engineers

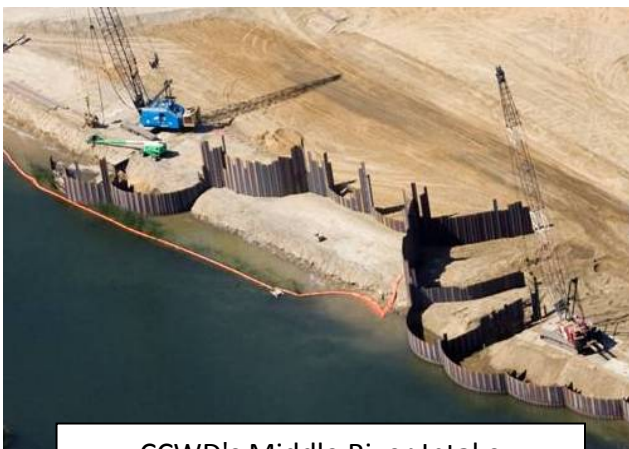
Geotechnical Engineering for Wastewater/Water Infrastructure

Hultgren – Tillis Engineers (HT) is a full service geotechnical engineering firm located in Northern California, in Concord, between San Francisco Bay and the Sacramento – San Joaquin Delta. The focus of our practice is heavy industry, marine structures, soft ground, and water resources projects. Most of our recent projects are in the Sacramento – San Joaquin Delta, along the Carquinez Strait and around the perimeter of the San Francisco Bay.

HT's experience with wastewater and water infrastructure: pump stations, new and replacement sanitary sewers, wastewater outfalls, intake structures, maintenance buildings, lift stations, treatment ponds and embankments, treatment plants, and water delivery canals and pipelines.

Water Infrastructure

- Two Gates Fisheries and Water Quality Control Structures, Connection Slough and Old River, San Joaquin River Delta
- Threemile Slough Gate Structure, between Brannan and Sherman Islands
- Middle River Pump Station and Open Cell® bulkhead, Victoria Island
- Water Tunnel beneath Old River
- Corkscrew Slough Flow Control Structure, Redwood City
- Isolated Conveyance Feasibility Study, including slough crossings, Sacramento – San Joaquin Delta
- Rock Slough Intake, Oakley
- Los Vaqueros Reservoir Marina, Contra Costa County
- Cascade Dam and Water Reservoir, Orinda
- Delta Wetlands Water Storage Reservoirs, San Joaquin River Delta



CCWD's Middle River Intake

HT was the geotechnical engineer for all elements of Contra Costa Water District's Middle River water intake. The project consisted of an intake and pump station, a flood protection levee around the intake structure, two miles of 6-foot diameter pipe, and a tunnel beneath Old River. As part of its assignment, HT developed geotechnical design criteria for the Open Cell® bulkhead, the temporary cofferdam, intake wetwell shoring, and tunnel launching and receiving shafts.

Wastewater Infrastructure

- Stormwater Pump Station, Marin County
- Horizontal Directional Drill (HDD) Sanitary Sewer Pipeline beneath Dutch Slough, Oakley
- Sanitary Sewer Outfall to San Joaquin River, Oakley
- Sanitary Sewer Pipeline Across Jersey Island, Oakley
- San Pablo Avenue Sewer Replacement, Albany
- Solano Avenue Sewer Replacement, Albany
- Rose Avenue Road Underpass to Treatment Plants, Oakley
- Emergency Storage Ponds, Oakley
- Camp Parks Reservoir, Dublin
- Camp Parks Sewer, Dublin
- Facultative Sludge Lagoon Expansion, Dublin
- Jensen Road Sewer, Castro Valley
- Almond Court Sewer, Castro Valley
- Stanton Road Sewer, Castro Valley
- Arthur Road Pump Station, Martinez
- Blum Road Sewer, Martinez
- Plant Way Trunk Sewer, Martinez
- Austin Way Lift Station, Martinez

Wastewater and Water Clients

- Mt. View Sanitary District
- Dublin-San Ramon Services District
- Contra Costa Water District
- Castro Valley Sanitary District
- Marin County Flood Control and Water Conservation
- City of Albany
- Ironhouse Sanitary District
- Contra Costa County Flood Control District
- State Water Contractors



San Pablo Avenue Sewer

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