

SANITARY SEWER PROJECTS

PROJECT AND LOCATION

SIZE/PROJECT TYPE

Town of Ruston
2009 Sanitary Sewer Replacement Project
Mr. Bruce Hopkins, Mayor
253-759-3544

12,000 LF 8" Sanitary Gravity Sewer replacement and associated service laterals. (\$5.0 Million total project cost; USDA-RD Funding)

City of Fircrest
Relocation of Back-Yard Sewer Mains
Jeff Davis, Utility Foreman
253-238-4137

P.S. & E. for 9,200 LF of 8" gravity mains, 227 gravity and pressure sewer laterals from house connection to new mains, one sanitary sewer lift station, and 9,200 LF of curb, gutter and sidewalks.

City of Bonney Lake
82nd St. Ct. E. / 199th Ave. Ct. E.
Mr. John Woodcock, P.E.
253-862-8538

P.S. & E. For 900 LF 8" Sanitary Sewer and associated service laterals.

Washington State Patrol
Sanitary Sewer/Reclaimed Water
Mr. Jonathan Martin, Project Manager
360-753-6540

Feasibility analysis; P.S. & E. for 730 LF of 1 ¼" – 4" forcemain, 1060 LF of 6"-8" Gravity Sewer, 4 manholes, and a sanitary sewer lift station.

City of Fircrest
Princeton St. Roadway Reconstruction/Sanitary Sewer and Water Improvements
Jeff Davis, Utility Foreman
253-238-4137

P.S. & E. for 1,750 LF of 8" Sanitary Sewer replacement, 1,000 LF of 12" watermain and roadway reconstruction improvements.

City of Fircrest
Contra Costa Lift Station Improvements
Jeff Davis, Utility Foreman
253-238-4137

P.S. & E. for reconstruction and remodel of existing 0.5 MGD wastewater lift station.

City of Fircrest Berkely Ave./Regents Blvd.
Sanitary Sewer Improvements
Jeff Davis, Utility Foreman
253-238-4137

P.S. & E. for 1,800 LF of 8" Sanitary Sewer Replacement.

City of Fircrest
Comprehensive Sanitary Sewer System Plan
Mr. Jeff Davis, Utility Foreman
253-238-4137

Preparation of the city's first comprehensive Sanitary Sewer System Plan including analysis/rating of all existing lift stations, manholes, and piping.

City of Fircrest
Berkely St./Spring St. Sewer and Water Improvements
Mr. Jeff Davis, Utility foreman
253-238-4137

P.S. & E. for 1,400 LF of 8" Sanitary Sewer and 1,000 LF of 8" watermain improvements.

PROJECT LOCATION

SIZE/PROJECT TYPE

City of Fircrest

44th Street Lift Station Improvements

Mr. Jeff Davis, Utility foreman
253-238-4137

P.S. & E. for lift station improvements including pump/panel replacement and replacement of 800 LF of 4" forcemain.

Town of Steilacoom

Sanitary Sewer Replacement Project Design Services

Mr. Mark Burlingame, Director of Public Works
253-581-1912

Sanitary sewer replacement and rehabilitation project. Approximately 7,000 LF of 8" to 12" diameter mains and related service laterals.

City of Cosmopolis

Highland Additions Sanitary Sewer Extension Project

F.R. Bramstedt, Mayor
City of Cosmopolis
360-532-9230

Sanitary sewer collection system extension to serve the Highland Additions in Cosmopolis and included the provision of sanitary sewer service to 87 existing residential lots, approximately 6,350 LF of 8" diameter sanitary sewer mainline and 2,575 LF of sanitary service laterals. (By L.I.D.)

City of Shelton

Capitol Hill Area Sanitary Sewer Extension

Mr. Gary D. Rhoades (Retired)
Director of Development Services
360-426-9731

Alternative study: P.S. & E.: construction management services for the City of Shelton, including 17,850 LF of 8" to 12" sewers, 700 LF of 18" sewers, 14,000 LF of service laterals, pump station and related watermain and storm drain improvements.

City of Shelton

1989 Public Works Trust Fund Sanitary Sewer Rehabilitation Project

Mr. Gary D. Rhoades (Retired)
Director of Development Services
360-426-9731

P.S. & E. and construction management services for downtown Shelton sewer system rehabilitation, including approximately 2,000 LF of 30" and 5,000 LF of 12" sewers in high groundwater conditions.

City of Yelm

Yelm Facilities Plan

Mr. Gene Borges, City Administrator
360-458-3244

Joint venture sanitary sewer study for the City of Yelm, including primary responsibility for conventional system valued at \$11 million; provided STEP collection system design and construction monitoring.

City of Lacey

Martin Way Sanitary Sewer Extension

Mr. Rich Cobb, P.E., Director of Public Works (Retired) 360-491-5600

P.S. & E. for 1.8 miles of 24" to 15" sanitary sewer interceptor for the Hawks Prairie Mall.

PROJECT AND LOCATION

SIZE/PROJECT TYPE

North Beach School District
Washington State Parks Department
Mr. Karl Roskopf
360-753-4168

Preliminary study, P.S. & E. construction management, including two pump stations at 225 gpm and 110 gpm, 1,950 LF of 6" to 8" gravity sewer, and 5,650 LF of 4" to 6" forcemain air release stations.

City of Fircrest
Haddow Development
Mr. George Haddow, Developer
253-572-2500

HYDRA analysis of existing sewer system to establish capabilities to serve an additional 500 unit development, establish service alternatives with cost estimate and I&I analysis / flow monitoring.

City of Olympia
Bigelow Lake Basin Analysis
Mr. Tom Frare, City Engineer
Mr. Jeff Fant, Development Services
360-754-8314

HYDRA analysis of a 350 acre sewer basin in the Bigelow Lake area to locate deficiencies in the existing system and cost effective service to entire basin.

City of Olympia
Boulevard Road Sanitary Sewer Extension
Mr. Robert W. Moorhead, P.E., Design Supervisor
360-753-8476

P.S. & E. for 1,500 LF of 15" sanitary sewer interceptor with a total project cost of \$150,000.

Town of Fircrest
Leach Creek Interceptor Feasibility Report
Mr. James Valentine, Administrator
253-564-8900

Feasibility study and report for 1.7 miles of sanitary sewer, with a total project cost of \$1.4 million.

Washington State West Capitol Campus
Sanitary Sewer Survey
Mr. Dick Ewan, Associate Engineer
360-753-8314

Sanitary sewer survey, report and improvement recommendation for sanitary sewer and storm water separation.

City of Olympia
LOTT, Phase 2
Mr. Alan Kimbel, Engineer
360-753-8314

Subconsultants for sanitary sewer facilities plan for serving the Lacey, Olympia, Tumwater and Thurston County Area, including an evaluation of onsite sewage disposal and feasibility for the County.

Washington State Department of Corrections
Cedar Creek Corrections Center STP
Mr. Peter Waugh, P.E., Associate Engineer
360-753-0175

Improvement study and report, PS&E and construction monitoring for lagoon sewage treatment plant improvements.

City of Olympia
LOTT, Phase 2
Mr. Tom Colby, LOTT STP Operator
360-753-8314

Sewage treatment plant inspection services as subconsultants

PROJECT LOCATION

SIZE/PROJECT TYPE

Washington State

Soldier's Home

Gerald Hanlon, Dept. of General Administration
360-586-2497

Wastewater system evaluation area report. I&I analysis, flow monitoring, recommendation for system improvements. PS&E for improvements, including metering station and collection system replacement.

Rustlewood Inflow and Infiltration (I&I) Study Rustlewood I&I Reduction Repairs and Improvements

Mr. Gary Yando, Director
Mason County Community Development
360-427-9670, ext. 270

I&I study; STP evaluation; Study included full video survey, smoke testing, manhole survey, flow monitoring, STP survey and hydraulic modeling. Approximately 8,000 LF of gravity sewer, two pump stations, 41 manholes and a 55,000 gpd activated sludge treatment plant. PS&E for system repair.

Numerous Municipal and Private Clients Sanitary Sewer Extensions

(see the provided *Client Reference Sheet*)

Feasibility studies and P.S. & E. for sanitary sewer, collections and interceptor sewers since 1970 (over 300 projects).

PacificCorp, Cowlitz, Clark and Skamania Counties

Mr. Dan Strandee
503-464-5347

Sanitary sewer evaluation, report and improvement recommendations for 18 PacificCorp facilities, ranging from sites to power generation plants.

Friendly Grove Road Sanitary Sewer Sub-basin Study

Mr. Russel Meixner
BBC Development, Inc.
360-352-3307

Sanitary sewer sub-basin delineation study to define sub-basin boundaries for the purpose of extending sanitary sewers within the City of Olympia, approximately 300 acres. Defined pipeline routes and established pump station size.

Friendly Grove Road Sanitary Sewer Pump Station

Mr. Russel Meixner
BBC Development, Inc.
360-352-3307

Design and monitor construction of sanitary sewer pump station (approximately 350 gpm).

Lewis County Water District No. 2 Facilities and Comprehensive Plan

Mr. Travis Meade, Manager
360-978-4249

Complete sanitary sewer system inventory, system conditions, and facilities sizing study for the Town of Onalaska 16,000 LF gravity pipelines. 2000 LF forcemain, 36 manholes, two pump stations and an 200,000 gpd treatment plant.