



D. Scott Joslyn

Senior Operations Specialist

Scott brings a unique owner/operator mindset to his projects due largely to his experience as a municipal operator and wastewater manager. This allows him to provide recommendations for shutdown and startup and minimize impacts to plant operations. His experience as a resident engineer allows him to coordinate plant operational needs, contractor needs, and contractual requirements to help project get finished, start up, and operate more quickly. Startup plans and method of plant operation (MOPO) documents along with formal and informal training for the operators will assist clients with field testing and construction sequencing.

EDUCATION

Bachelor of Science, Civil Engineering, California State Polytechnic University, Pomona, 1993

REGISTRATIONS

Wastewater Treatment Plant Operator, California, United States, No. WWTPO V-9204 Issued: 11/16/2010, Expires: 12/31/2021

Water Treatment Plant Operator, California, United States, No. WTO T-3 20696 Issued: 05/01/1996, Expires: 05/01/2022

Water System Operator, California, United States, No. WDO D-2 15027 Issued: 05/01/2001, Expires: 05/01/2021

Professional Engineer - Civil, California, United States, No. C60929 Issued: 07/28/2000, Expires: 12/31/2020

PROFESSIONAL MEMBERSHIPS

Water Environment Federation, Sacramento, 1992-Present

INDUSTRY TENURE

29 years

HDR TENURE

5 years

OFFICE LOCATION

Sacramento, CA

RELEVANT EXPERIENCE

Columbia Boulevard Wastewater Treatment Plant Biogas Utilization and Renewable Natural Gas Facility, Portland, OR; Startup Engineer supporting the City of Portland in the design of a biogas treatment system to treat up to 750 scfm to pipeline quality standards. HDR worked with the City through a Sustainable Return on Investment (SROI) framework to assess how to best utilize excess biogas. During construction supported HazOps analysis and controls narrative development along with startup services.

Water Reclamation Plant Electronic Operations and Maintenance (eOM) Manual | City of Livermore, California 2020. Developed an HTML based eO&M for the water reclamation plant, which includes headworks, odor control, primary treatment, aeration, secondary sedimentation, disinfection of secondary effluent, flocculation and filtration, ultraviolet (UV) disinfection, reclaimed water distribution, sludge thickening, digestion, sludge dewatering, sampling and analysis, and miscellaneous operations.

Digester Rehabilitation Startup | City Midland, Texas 2019. Prior to project provided emergency support to services to recover digester from acid lock after overheating due to mechanical failure in heating system. Provided startup and operations assistance for rehabilitation of an existing anaerobic digester. The digester was taken out of service for cleaning and replacement of aging components.

Metropolitan Council, Seneca Wastewater Treatment Plant - Eagan MN 1/19-12/20. Provided third party operator training and consulting on the operation of processes being modified during the Seneca WWTP solids improvement project, including aeration control for nutrient removal, thickening, dewatering, and incineration operation.

San Mateo/Estero Municipal Improvement District Wastewater Treatment Plant - City of San Mateo, CA 2016 to 2023 Operations specialist performing operability review on Nutrient Removal and Wet Weather Flow Management project to design multiple upgrades to expand plant capacity to 78 mgd and meet nutrient removal requirements. Contract extension includes tasks for development of Operating Procedures, Electronic Operations Manual, Lock Out Tag Out procedures and

documentation, asset management coordination, and ongoing operations support during and after plant startup.

Nevada County Sanitation District, California, 11/09-03/14. Chief Plant Operator and Operations Manager for special district responsible for the operation and maintenance of ten wastewater treatment plants in Western Nevada County. Four have nutrient removal, three have NPDES permits with surface water discharge, and seven are land application.

City of Petaluma Ellis Creek Water Recycling Facility, California, 2/07-2/10. Startup Engineer for nutrient removal activated sludge wastewater treatment plant. Developed all startup protocols, standard operating procedures, established operating parameters, provided training, recommended process controls and chemical dosing strategies to improve operations for regulatory compliance.

City of Cottage Grove Wastewater Treatment Plant, Oregon, 11/05-7/06. Startup Engineer developed operating parameters and provided process control spreadsheets. Assisted with troubleshooting of nitrification and denitrification process after plant startup.

City of San Jose Headworks Wet Weather Improvements, California, 7/08-8/08. Engineer and support operator for 24-hour staffing during startup and developed solutions to improve machine performance and startup operations. Design was installed and problems were eliminated.

City and County of Honolulu "Independent Operation and Maintenance Evaluation," Hawaii, 3/22-8/00 and 4/02. Engineer completed fast track evaluation in response to an EPA administrative order. Revisited project to evaluate progress and update recommendations. Treatment plant processes included DAF clarification, disinfection, and digestion.

Napa Sanitation District Soscol Water Recycling Facility Phase 2 Upgrade, California, 06/98-1/03. Engineer and Support Operator responsible for preparing an operations manual, 32 hours of training on new processes, review of mechanical facilities for startup planning, startup assistance, verification of proper operation, performance sampling, and process optimization.

City of Dinuba Wastewater Treatment Plant, California, 12/99-4/00. Interim Chief Plant Operator implemented new process control strategies to improve treatment. Responsible for the operation of the facility.

City of Winston and Green Sanitary District Regional Wastewater Treatment Plant, Oregon, 8/98-5/00. Startup Engineer responsible for preparation of an operations manual, 12 hours of training on new processes, startup assistance, and development of project performance standards.

Sewer Authority Mid-Coastside Regional Wastewater Treatment Facility in Half Moon Bay, California, 10/97-12/97. Engineer responsible for training, startup assistance, and preparation of an operations manual discussing the automation and process control for primary, secondary, and solids handling processes.

West Basin Water Reclamation Plant located in Los Angeles, California, 12/94-6/97. Shift supervisor and operator responsible for the startup, operation, and maintenance. Responsibilities included monitoring, evaluating, and optimizing process operating parameters, automatic control

functions, equipment, and instrumentation. Prepared and implemented standard operating procedures (SOPs) and safety procedures. Provided on-the-job training in the operations and maintenance of treatment plant processes and equipment.

Water Environment Research Foundation funded project on optimizing thickening and dewatering operations through automation 98-REM-3, California and Texas, 11/98-5/01. Project Engineer developed testing protocol and located full-scale technologies to be installed at five different testing locations. Participated in the installation and operation of the control algorithms and solids handling equipment. Published final report through WERF.

South Orange County Wastewater Authority, California. Project Engineer on a project to evaluate the cost-effectiveness of state-of-the-art instruments and automation for process control improvements that will allow the centrifuge dewatering facility to run unattended during off-peak electrical hours.