

**Mark D. Walter**  
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## **PROFILE**

Mr. Walter has an extensive and varied work history ranging from small system operation to management positions over advanced wastewater treatment facilities. He is well versed on modern operations and maintenance methods and is an effective communicator. Mr. Walter's combination of experience gives him a unique ability to orient quickly and facilitate action.

In 2016 Mr. Walter founded Waterdude Solutions a consulting company focused on providing technical support to wastewater treatment facilities. His experience includes planning for maintenance of plant operation during construction and system commissioning coordination.

Additional company information can be found at [www.waterdudesolutions.com](http://www.waterdudesolutions.com)

## **PROFESSIONAL EXPERIENCE**

Senior Operations & Maintenance Specialist, Owner  
Waterdude Solutions, Oregon City Oregon

- Activated sludge process and performance testing.
- Sampling plan development and data analysis.
- Operations and maintenance technical support during planning and design.
- Process control plan and operating strategy development.
- Staff training and development.

Operations Manager  
Oak Lodge Sanitary District, Oak Grove Oregon

- Led secondary treatment transition from conventional/high rate to nitrogen removal.
- Implemented activated sludge simultaneous nitrification-denitrification process.
- Operations coordinator for Cannibal treatment system startup and performance testing.
- Facilitated startup and performance testing.
- Created and implemented standard operating procedures.

Maintenance Division Manager  
Clean Water Services (CWS), Hillsboro, Oregon

- Identified required critical spares and developed budget for procurement.
- Defined and updated predictive maintenance and condition assessment protocols.
- Created measurement systems for maintenance and reliability performance.

Manufacturer's Equipment Representative  
Beaver Equipment Specialty Company, Inc., Vice President

- Evaluated feasibility of various secondary treatment equipment applications.
- Facilitated equipment procurement options with owners and consultants.
- Performed equipment commissioning and training services.

### Project Manager

CH2MHill, Operations Management International, Inc

City of Lebanon, City of Philomath, and Freeway Properties

- Supervision and management of two water and three wastewater treatment systems.
- Identified and coordinated improvement projects between CH2MHill and clients.
- Performed offsite O&M evaluations and troubleshooting to other CH2MHill facilities.

### Operations Supervisor

CH2MHill, Operations Management International, Inc

Gresham Wastewater Treatment Plant

- Responsible for process oversight of activated sludge wastewater treatment facility.
- Coordinated operations, laboratory, and maintenance activities.
- Developed O&M programs and provided staff training.

### Wastewater Treatment Plant Operator

- Clackamas County Department of Utilities, Oregon City, Oregon
  - MLE and conventional activated sludge
- Orange County Sanitation District, Fountain Valley, California
  - Trickling filter – activated sludge
- Michelson Water Reclamation Plant, Irvine, California
  - Conventional activated sludge

### CERTIFICATION

- Wastewater Treatment System Operation, Oregon Grade IV #7091
- Wastewater Collection System Operation, Oregon Grade IV #12219
- Oregon Emerging Small Business Certification # 10792 Waterdude Solutions, LLC.

### EDUCATION

Clackamas Community College and Chemeketa College, Oregon

- Water Quality, Management, Human Relations, and Business Law

### Professional Development

- EPA Advanced Asset Management Training; Managing Multiple Projects; Conflict Resolution; Effective Negotiating; Project Management; Coaching and Teambuilding; Building Better Training Programs; Emergency Response Planning; Leading with Emotional Intelligence; Performance Management; Technology of Participation (ToP) Facilitation; Taylor Protocols Core Value Index (CVI) facilitation.

### REGIONAL LEADERSHIP

- Presenter and trainer at regional and national technical and management conferences.
- Pacific Northwest Clean Water Association (PNCWA: Past President, Operations Challenge Chair, Awards Committee Chair, Plant Operations and Maintenance Committee Chair, Oregon Region Director; Lower Columbia Section President.
- Past Director, Chair of Oregon Water Education Foundation Water Environment School.

### VETERAN

United States Army

- 82<sup>nd</sup> Airborne Division, Paratrooper/Infantryman
- 104<sup>th</sup> Training Brigade, Infantry Patrolling Instructor