

SAMOA WATER AUTHORITY

POSITION DESCRIPTION

Position Title:	Engineer – Operations and Maintenance
Salary Grade/Rate:	Special Grade 1
Responsible to:	Manager Urban Operations Division
Division:	Urban Operations

Position Overview:

The successful candidate will be responsible for ensuring the efficient, reliable, and sustainable operation, maintenance, and monitoring of the Urban Area's water supply infrastructure, including water treatment plants, boreholes, distribution systems, and all SWA assets and facilities. This role requires a strong background in engineering principles, project management, and a commitment to ensuring water quality and sustainability standards.

Duties & Responsibilities:

1. Oversees and ensures the efficient, reliable operation and maintenance of water treatment plants, boreholes, distribution systems, and all SWA assets, promptly resolving any issues and ensuring compliance with regulatory standards and operational efficiency.
2. Coordinate and monitor customer complaints and concerns related to water supply services, ensuring timely resolution and customer satisfaction.
3. Develop and implement maintenance programs to ensure the reliability and longevity of water supply infrastructure.
4. Coordinate with maintenance staff, contractors, and suppliers to schedule and complete maintenance and repair work in a timely manner and according to Engineering standards.
5. Conduct regular inspections and audits of water supply facilities to identify and address maintenance needs, safety issues, and compliance requirements.
6. Analyze operational data and performance metrics to identify areas for improvement and implement solutions to enhance efficiency and cost-effectiveness.
7. Prepare reports, presentations, and recommendations for management regarding the performance of water supply systems and proposed improvements.
8. Participate in emergency response and recovery efforts related to water supply disruptions, contamination incidents, or natural disasters.
9. Develop and implement strategies to enhance the resilience of water supply infrastructure against environmental and operational risks.
10. Provide technical expertise and guidance to staff including training and mentoring as needed.

11. Engage with customers to educate them about water conservation, water safety, and the importance of maintaining the water supply infrastructure. Coordinate with PRU for consultation on new projects or awareness and outreach programs for customers.
12. Assist in the preparation and management of the budget for the Urban Operations Division, ensuring cost-effective use of resources.
13. Identify and integrate new technologies and innovations that can improve water treatment processes and distribution efficiency.
14. Carry out any duties assigned by Manager Urban Ops or Managing Director.

Position Requirements:

1. A Bachelor's Degree in Civil Engineering, Environmental, or any related professional Engineering Discipline (Essential).
2. Minimum of 5 years of Experience in water supply infrastructure operations and maintenance and contract management (Essential).
3. Strong project management skills with experience in planning, designing, and managing engineering projects (Essential).
4. Proficiency in analysing operational data and performance metrics (Essential).
5. Excellent problem-solving skills and ability to troubleshoot and resolve issues promptly (Essential).
6. Strong communication and interpersonal skills for coordinating with various stakeholders (Essential).
7. Knowledge of regulatory standards and compliance requirements related to water supply (Essential).
8. Ability to participate in and lead emergency response efforts (Essential).
9. Commitment to sustainability and continuous improvement in water supply systems (Essential).
10. Experience in developing and implementing resilience strategies for infrastructure (Essential).
11. Experience in Budget management (Essential).
12. Familiarity with innovative technologies and best practices in the water supply sector (Essential).
13. Must have a current Samoan driver's license and be liable for renewal every year (Essential).