American Samoa Power Authority	Human Resource Department, Tafuna PO Box PPB, Pago Pago American Samoa 96799 Phone No: (684) 699-3033 humanresource@aspower.com

PUBLIC JOB POSTING

Position Title	**WATER OPERATIONS ENGINEER**	*Posting Date*	**October 16, 2026**
Department	**Engineering**	*Deadline*	**November 05, 2026**
Division	**Water Division**		
Position Type	**Contract**	*Pay Range*	**$53,203.70 - $55,363.98 per year**
Reports To	**Water Operations Manager**	*Job Grade/Status*	**M/2/C – M/3/C, Exempt**

Major Duties & Responsibilities

Engineering: Performs moderately complex professional engineering duties both in the field and in the office, requiring independent evaluations and the application of standard engineering techniques, procedures, and criteria. Responsibilities include project management, quantity takeoffs, basic surveying, and the planning, design, and construction of water supply and wastewater systems, including pipelines, treatment facilities, pumping stations, storage facilities, and related infrastructure. Conducts site inspections, collects and analyzes data, prepares technical reports, and ensures compliance with applicable engineering, environmental, and safety standards. Work is reviewed for technical accuracy, sound engineering judgment, and conformance with established policies and standards. Unusual problems are resolved in consultation with the supervisor, and limited supervision of subordinate staff may be exercised.

Water Operations: Provides engineering and technical support for the daily operation, maintenance, and improvement of water supply, treatment, storage, and distribution systems. Monitors and evaluates system performance, including water production, pressure, flow, storage levels, and water quality, to ensure reliable and efficient service. Assists in troubleshooting operational issues, identifying system deficiencies, and coordinating preventive and corrective maintenance activities. Evaluates infrastructure conditions and operational data, recommends system improvements, and supports compliance with drinking water quality, environmental, and safety regulations. Coordinates with operations personnel, contractors, and other stakeholders to support maintenance activities, emergency responses, and the integration of new infrastructure into existing water systems. Performs other related duties as required.

Minimum Requirements

Education & Experience	A Bachelor of Science degree in Engineering from an accredited institution and a minimum of five years of work experience in engineering or a related field is required. A degree in Civil Engineering or a related field is preferred.
Skills, Abilities, Job Requirements	• Knowledge of water supply and wastewater system design, including pipelines, pumping stations, storage facilities, and treatment facilities. • Knowledge of water system operations, including water production, treatment, storage, distribution, pressure management, and flow control. • Knowledge of water distribution system components, including pumps, valves, pipelines, reservoirs, meters, and related equipment. • Understanding of water treatment processes, drinking water quality standards, and applicable operational and regulatory requirements. • Knowledge of preventive and corrective maintenance practices for water supply and distribution infrastructure. • Proficiency in applying standard engineering principles, techniques, and procedures.

	• Ability to perform hydraulic modeling and analyze water and wastewater systems. • Ability to monitor and evaluate water system performance, including production, pressure, flow, storage levels, and water quality. • Ability to identify and troubleshoot water system operational problems, including leaks, pressure fluctuations, equipment failures, and service interruptions. • Ability to analyze operational data, assess infrastructure conditions, and recommend improvements to system efficiency, reliability, and performance. • Ability to provide technical support and coordinate with operations and maintenance personnel on routine maintenance, emergency repairs, and system improvements. • Proficiency in CAD software, including AutoCAD and Civil 3D. • Ability to prepare clear and detailed Scopes of Work (SOW) for engineering projects. • Ability to prepare PS&E (plans, specifications, and estimates) and related contract documents. • Ability to perform quantity takeoffs and interpret engineering plans and specifications. • Basic surveying and field data collection skills. • Strong analytical and problem-solving skills related to engineering projects and water system operations. • Ability to evaluate engineering and operational problems and apply appropriate technical solutions. • Ability to exercise sound engineering judgment and decision-making. • Ability to work independently with limited supervision. • Ability to collaborate effectively with supervisors, engineering staff, water operations personnel, contractors, and other stakeholders. • Ability to conduct field inspections, assess water infrastructure and equipment conditions, and perform office-based engineering work. • Ability to interpret technical manuals, engineering drawings, operational procedures, and established standards. • Ability to manage multiple tasks and meet project and operational deadlines. • Ability to communicate effectively, both verbally and in writing. • Familiarity with relevant environmental, drinking water quality, occupational health, and safety regulations. • Competence in technical report writing, operational data analysis, recordkeeping, and documentation. • Basic project management skills, including planning, coordination, and implementation of engineering and operational improvement activities. • Ability to support testing, commissioning, and integration of new or upgraded water infrastructure into existing systems. • Knowledge of Geographic Information Systems (GIS) is preferred.
Qualified applicants: *Please submit a completed ASPA Employment Application with a copy of your resume to ASPA (address listed above) by the deadline listed above. Attach copies of credentials and transcripts. Candidates selected for hire must pass examinations (when applicable), pre-employment clearances & test negative on employment drug test. ASPA reserves the right to waive education and experience requirements as necessary. No phone inquiries accepted.* ***Salary will commensurate with experience and education.***	
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