

Job Title: Water Operations Technician
Department: Surface
Reports To: Senior Surface Engineer
FLSA Status: Non-Exempt
Creation Date: 11/02/18
Revision Date: 11/02/18



POSITION SUMMARY

At the mine site on Admiralty Island, operates/maintains a co-precipitation industrial wastewater treatment plant, a multi-facility storm water collection system, extended aeration domestic wastewater treatment plants, potable water filtration and disinfecting plants, and other equipment as required.

SAFETY, HEALTH & ENVIRONMENTAL RESPONSIBILITIES AND ACCOUNTABILITIES

All Hecla personnel shall strive to achieve best practice in safety and health, and assist in the control of incidents, injuries and loss. Duties include, but are not limited to:

- Complying with all necessary requirements put in place to prevent incidents, injuries or losses
- Ensuring the safety and health of themselves and others in the workplace by being responsible for their actions and taking due care while performing their work
- Identifying, eliminating, and reporting hazards as soon as practicable
- Reporting incidents and accidents as soon as practicable
- Disclosing all information regarding incidents and cooperating in incident investigations
- Assisting in the resolution of health and safety matters in a positive and timely manner
- Using and maintaining PPE
- Providing suggestions for improving work processes
- Assisting Management by supporting change to achieve desired targets
- Ensuring that plant and equipment operate within their safe working limits
- Ensuring that correct equipment is used for the job
- Participating in risk assessment methodology
- Participating in safety initiatives
- Receiving training and instruction as required
- Maintaining good housekeeping standards

ESSENTIAL FUNCTIONS

Conducts sampling and other operations required to maintain compliant plant performance. Monitoring and adjusting process controls to regulate water treatment systems such as:

- flow rates;
- temperatures;
- chemical addition rates including lime, polymer, ferric chloride and chlorine;
- tank levels and pump speeds;
- settleometer operation; and
- sludge wasting.

Operates all equipment associated with the water treatment systems and stormwater systems, including but not limited to electric, pneumatic and hydraulic systems. Performs preventive and routine maintenance on all equipment; makes process related decisions to maximize treatment options and issues reports.

Monitors and maintains, in conjunction with HGCMC maintenance staff, all mechanical equipment and systems required for plant operations and related apparatus. Must have an understanding of industrial process controls and water related systems. A background in electrical or mechanical maintenance and /or Alaska DEC certification for any of the four-state regulated water/waste water classifications is preferred.

Assists in training backup operators for interim coverage of processes; works in conjunction with HGCMC staff on site- wide water systems, including process and storm water facilities. Makes compliance related decisions about stormwater routing on an event specific basis. Must be able to work within a team environment and contribute to all safety and improvement related processes.

Updates water treatment procedures; learns and complies with company policy, safety procedures, maintains high level of housekeeping, procedures and equipment operating standards; maintains attendance and safety within company specifications; knows basic emergency communication procedures; knows and complies with HGCMC Code of Conduct and other work policies (HR, Safety and Environmental).

Other duties may be assigned. Successful candidate must demonstrate the following behavioral skills: productive communication, cooperation, productivity, initiative, creativity, dependability.

QUALIFICATIONS

Education Requirements

High school or GED. Alaska DEC certified water treatment Level 1 or higher and/or ability to obtain Alaska DEC Level 1 in one year from date of employment.

Experience

One to two years related experience. Industrial wastewater treatment, electrical maintenance or mechanical maintenance preferred. Electrical/Mechanical ability preferred; computer spreadsheet and word processing skills preferred.

Other Qualifications

Pass a pre-employment physical and drug screen and pass a position-specific physical demands assessment

PHYSICAL DEMANDS

While performing the duties of this job, employees may be frequently required to stand, walk, or sit for extended periods of time; use hand and fingers to handle or feel; reach with hands and arms; climb and balance; stoop, kneel, crouch, and crawl. The employee must be able to talk and hear.

Strength	Frequency			Weight/ Force	Side	Parameters			
	Occ	Freq	Cons			From	To		
Walking Incline	X				One Hand & Either	10% grade	15% grade		
Balance (Uneven Surfaces)	X				One Hand & Either	Level surfaces	Unlevel surfaces		
Lifting - fire extinguisher	X			35 lb	Two Hands	Floor	Shoulder		
Lifting – Pumps	X			67 lb	Two Hands	0 in	42 in		
Lift	X			75 lb	Two Hands	Floor	Waist		
	Occ	Freq	Cons	Weight	Side	Distance			
Carrying – 50 Feet	X			50 lb	Two Hands	50 ft			
Carrying – 20 Feet	X			75 lb	Two Hands	20 ft			
Carrying - Pumps and parts	X			66.2 lb	Two Hands	20 ft			
	Occ	Freq	Cons	Force	Side	Height	Rotation	Grip Pattern	Hand Spread
Pushing	X			50 lb	Two Hands	46 in	Pronated	Cylinder	12 in
Pulling	X			50 lb	Two Hands	Elbow/Chest	Neutral	Cylinder	
Reach below Knee 2 Hand Squat.	X			>5 lbs	Wenches				
Ladder	X				3 x 10				
Standing	X				Stand concrete floors				
Kneel / Squat to Stand	X				Squat Tests 5 Minutes				

Vision - Constant:

- Able to judge distances and spatial relationships to avoid accidents while driving and walking underground
- Have clarity of vision while operating machinery, reading gauges, and placing tools
- Have clarity of vision for distances while navigating within the mine and access roads efficiently and safely
- Able to adjust varying points of reference while safely navigating the terrain, maintaining awareness of traffic, and operating tools and machinery
- Able to identify vehicles, machinery, and people in peripheral vision

Speaking - Occasional:

- Able to clearly communicate with co-workers and supervisors on the radio and in person

Hearing – Constant:

- Able to clearly hear and comprehend radio communications while operating equipment

Hearing - Occasional:

- Must wear hearing protection when necessary

WORK ENVIRONMENT & JOB SCHEDULE

Employees will be frequently exposed to; outside weather conditions, wet and/or humid conditions; extreme cold, extreme heat, potentially hazardous wildlife; moving mechanical parts; high precarious places; fumes or airborne particles, toxic or caustic chemicals; risk of electrical shock; explosives and vibration. The noise level in most work environments is occasionally loud. This position may require work on nights, weekends, and rotating shifts; shift schedules may require residency in on-island camp during work rotations.

ABOUT US**Greens Creek**

The Greens Creek Mine, located on Admiralty Island, 18 miles south of Juneau, is an underground polymetallic mine employing approximately 425 people. The mine is owned and operated by Hecla Mining Company, headquartered in Coeur d'Alene, Idaho. Established in 1891, Hecla has a rich history as a distinguished and respected precious metals producer. Winner of numerous safety and environmental awards, Greens Creek is seeking new team members committed to professional growth and success.

Community

Juneau, Alaska's capital, is the third largest city in the state. Like Alaska, Juneau is full of contrasts, a sophisticated cosmopolitan city in the heart of the Tongass National Forest. Nestled at the base of mountains overlooking the Gastineau Channel, Juneau is surrounded by intercoastal waterways, lush rain forests, rugged mountainsides, and awe-inspiring glaciers. This small city has it all, the adventure of the "last frontier" as well as a good education system, year-round cultural and sports activities, a wide variety of entertainment, world class fishing and wildlife viewing, temperate weather, and a strong sense of community. Juneau is rich in mining history and Greens Creek is proud to contribute to that heritage by operating in a safe and environmentally responsible manner.

Compensation & Benefits

Hecla Greens Creek offers competitive pay based on experience and an excellent low-cost benefits package for medical, prescription, dental, and vision insurance as well as other coverages such as disability coverage and life insurance. Retirement benefits include a pension plan and 401(k) with company match.

APPLICATIONS & RESUMES

Applicants must possess current authorization to work in the United States. Resumes are welcome but **must be attached to an application form**. Applications are available at the Juneau Job Center or <http://www.hecla-mining.com/careers/>. Completed applications should be forwarded to:

Juneau Job Center
Mailing address: P.O. Box 115514, Juneau, AK 99811-5514
In Person: 10002 Glacier Hwy #100, Juneau, Alaska 99801
Phone: 907.465.4562
Fax: 907.465.2984

Hecla Greens Creek is an Equal Opportunity Employer.
Please visit Hecla's website at www.hecla-mining.com
and our recruiting page at
<http://www.hecla-mining.com/careers/>

ACKNOWLEDGMENT

I have received my job description and understand I will be evaluated on the requirements of the Water Operations Technician position.

Signature and Date

Printed Name