

## JOB TITLE: WATER/WASTEWATER OPERATOR-IN-TRAINING

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**Department:** Operations

**Status:** Full-Time

**Location:** Thunder Bay Hub

**Immediate Supervisor:** Senior Operator / Operations Services Manager

It is a requirement of the OIT position, for the candidate to reside in or be willing to relocate to the geographical area of the Hub. The Thunder Bay Hub includes the following major towns and their surrounding areas: Thunder Bay, Armstrong, and Pickle Lake.

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### OVERVIEW OF COMPANY

#### *Clearford Water Systems Inc.*

[Clearford™](#) is a new kind of water management company, delivering integrated water infrastructure solutions with sector-leading efficiency and reliability. Our diverse team of licensed engineers and operators provide a complete range of water and wastewater services. From conceptual design, regulatory approval, fabrication & installation, to operations and regulatory compliance, Clearford offers everything required for any water infrastructure challenge and takes responsibility for regulatory compliance at every stage.

### **MUST BE ELIGIBLE TO WORK IN CANADA**

#### Scope Of Position

As a member of the compliance and operations team in the Thunder Bay Hub, the Water/Wastewater **Operator-In-Training (OIT)** contributes to the successful operation and maintenance of the Water Treatment and Water Distribution and Supply sub-systems, as well as Wastewater Treatment and Wastewater Collection systems that we operate. The OIT performs essential services to the public, and reports to the Senior Operator and will ensure that all applicable legislation, regulations, approvals, orders, and guidelines are adhered to; will document and optimize plant performance and will complete sampling. The OIT will perform functions and responsibilities in a team environment, with support from the Operations Services Manager, Site Performance Manager Senior Operator, Compliance Team and other Clearford support services.

As part of the Thunder Bay Hub, there is a remote operations aspect that will require the candidate to be part of a 3-person rotation into Pickle Lake. Pickle Lake is a municipal Client which offers water and wastewater operations. Each rotation is approximately 4 weeks in duration, the OIT would be required to stay in Pickle Lake for the duration of their 4-week shift. Accommodation is provided, along with paid per diem and an additional bonus for staff working on the project.

**Major Responsibilities** (This is not an exhaustive list of duties to be performed)

Ottawa

Hamilton

Sarnia

Toronto

- Perform all operational tasks and maintenance (preventative and corrective) duties for assigned facilities, (including daily rounds, water quality testing, system monitoring, housekeeping, regulatory sampling and deliveries to lab);
- Communicate using strong written and verbal skills to clearly describe operational items to members of the public, clients, government agencies, equipment suppliers, contractors and tradespeople, and to the appropriate internal team members;
- Drive long distances, including during inclement weather;
- Ensure compliance with all applicable legislation, regulations, approvals, orders, and guidelines;
- Adjust, inspect and evaluate process performance and equipment to optimize efficiency and effectiveness, in accordance with established procedures;
- Operate, monitor, and repair surface/ground water treatment plants, well-based distribution and supply systems, reservoirs including: programmable logic controllers (PLCs), various digital and analog instrumentation and control systems, numerous monitoring, reporting and communication systems, pressure tanks, filtration systems, continuous online analyzers, and related appurtenances, valves, hydrants etc;
- Operate, monitor, and repair wastewater treatment plants with varying degrees of complexity such as; rotating biological contactors (RBCs), sequencing batch reactors (SBRs), lagoons, septic systems, using Supervisory Control and Data Acquisition (SCADA) systems along with less sophisticated control systems, landfill leachate and sewage pump stations, and manholes, etc;
- Work independently to troubleshoot various types of equipment malfunctions, make necessary repairs using Operations and Maintenance manuals, seek input from peers by telephone or through the web-based communication channels such as; Teams, Skype, Zoom, and etc.;
- Collect regulatory Water and Wastewater samples; microbiological, chemical, raw sewage and treated effluent using necessary Chains of Custody, proper packaging and transportation to various laboratories;
- Conduct in-house laboratory testing utilizing handheld instruments (colorimeters or spectrophotometers);
- Carry out process changes required to optimize treatment performance;
- Comply with the on-call rotation schedule including evenings, weekends and statutory holidays;
- Able to respond to varying issues at multiple sites;
- Interpret Process Flow Diagrams (PFDs), Process and Instrumentation Drawings (P&IDs), reviews Standard Operating Procedures (SOPs), and assists with asset data collection from sites to upload into a Computerized Maintenance Management Systems (CMMS);

- Participate in the commissioning of new treatment plants, including process optimization, instrumentation, and control as well as SCADA.
- Maintain logs and records pertaining to system performance and conditions, in accordance with established procedures and regulatory requirements;
- Assist in maintaining a safe work environment by using appropriate PPE and Health and Safety training;
- Help to promote a positive working environment, present a professional approach to the client, and establish and maintain relationships between Clearford and the client.

### Required Knowledge, Experience, & Competencies

- Minimum operating Certificate/Licenses for:
  - Water Treatment or Limited Surface Water
  - Water Distribution and Supply
  - Wastewater Treatment
  - Wastewater Collection
- Post-secondary education in the environmental, chemical/biological, or engineering field;
- Training and certification in Confined Space Entry (CSE), Working at Heights, First Aid,
- Lock-Out Tag-Out, WHMIS, Transportation of Dangerous Goods are considered strong assets;
- Good understanding of the latest technologies in the Water and Wastewater industry;
- Basic knowledge of applicable legislation and regulations (for example, Occupational Health & Safety Act, Drinking Water Standards, Drinking Water Protection Regulations, Safe Drinking Water Act, Spills Act, etc.);
- Strong computer skills including Microsoft software packages including: Access, Project and Teams, as well as web-based data entry systems for payroll and expenses;
- Possess a strong mechanical aptitude, and is familiar with various types of tools;
- Demonstrated problem-solving and troubleshooting skills and a willingness to develop and grow these on the job;
- Proactively, or by management request, maintains current training and pursues advanced certification;
- A valid Ontario Class (full) G2 driver's license, clean driver's abstract;
- Access to a vehicle during working hours required;
- When applicable, a valid Ontario Class (full) G driver's license, clean driver's abstract is required to drive a company vehicle.

- 6 Years of class G driving experience considered an asset.

#### Hours Of Work and Travel Expectations

- The OIT will be required to work outside of regular business hours to facilitate the Operation and Maintenance of the area;
- The OIT may be required to work on-call shifts on a rotation or periodic basis;
- There will be frequent travel throughout the area and periodic travel to other areas in Ontario.

#### What We Offer:

- The hourly rate for the Operator-in-Training ranges from \$25.00 - \$27.00 with overtime after 44 hours (calculated weekly) at 1.5X hourly rate, and 2.0X hourly rate for working Statutory Holidays;
- Weekly on-call rate;
- Vehicle allowance – for those who use their personal vehicle;
- Group benefits including:
  - Health, Dental, Life Insurance and Vision coverage from date of hire.
  - RRSP contribution of 3% matched by employer after three months of employment;
- We offer unique growth opportunities for personal and professional development within the Clearford's various divisions including Engineering, Optimization, Compliance, Account Management (Sales), and Fabrication of UV Pure Disinfection Equipment for Water and Wastewater.

#### How To Apply

Qualified candidates are invited to submit their resumes to [careers@clearford.com](mailto:careers@clearford.com). Please indicate Thunder Bay Hub in your application. The application deadline for this position is November 30<sup>th</sup>, 2023.

For additional opportunities at Clearford, please visit our careers page at <https://www.clearford.com/careers/>

*Clearford is committed to inclusive, barrier-free recruitment and selection processes and work environments. We will accommodate the needs of applicants under the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act (AODA) throughout all stages of the recruitment and selection process. Please advise Human Resources if you require accommodation throughout this process.*