

Baya Khanin

Wastewater Operator

✉ baya.khanin@gmail.com

☎ (619) 496-6069

📍 123 Mountain View Dr, Missoula, MT 59801

EDUCATION

Associate of Applied Science in Wastewater Treatment Technology at Flathead Valley Community College, Kalispell, MT

Sep 2017 - May 2022

Relevant Coursework: Wastewater Treatment Processes, Water Quality Analysis, Environmental Science, Hydraulics, Chemistry, Microbiology, Instrumentation and Control, and Plant Operations and Maintenance.

LINKS

[linkedin.com/in/bayakhanin](https://www.linkedin.com/in/bayakhanin)

SKILLS

Filtration techniques

Disinfection methods

Sludge management

Nutrient removal

Membrane bioreactors

Ultraviolet treatment

Activated sludge

LANGUAGES

English

French

HOBBIES

Gardening

PROFILE

Dedicated Wastewater Operator with 1 year of experience in efficient wastewater treatment plant operation, maintenance, and regulatory compliance. Skilled in analyzing samples, performing routine maintenance on equipment, and ensuring safety protocols are followed. Committed to contributing to a sustainable environment through effective wastewater management and continuous learning in the industry.

EMPLOYMENT HISTORY

● Wastewater Operator at Montana Rural Water Systems, MT

Feb 2023 - Present

- Successfully managed and optimized the treatment of over 1.5 million gallons of wastewater per day, resulting in a 99% reduction in pollutant discharge and ensuring compliance with state and federal regulations.
- Implemented an advanced monitoring system that increased the efficiency of the treatment process by 20%, reducing operational costs by \$50,000 annually and improving overall plant performance.
- Led a team of operators in a comprehensive system upgrade project, which included the installation of new equipment and infrastructure improvements, ultimately increasing plant capacity by 30%.
- Developed and conducted training programs for 15 new wastewater operators, enhancing their skills and knowledge in wastewater treatment and contributing to a 10% reduction in errors and safety incidents within the plant.

● Wastewater Operator Trainee at Big Sky Water Solutions, MT

Sep 2022 - Dec 2022

- Successfully completed 200 hours of on-the-job training, gaining hands-on experience in wastewater treatment processes and equipment maintenance at Big Sky Water Solutions, MT.
- Achieved 100% compliance with state and federal regulations for effluent discharge quality over a one-year period, contributing to the company's excellent environmental performance record.
- Assisted in reducing plant operating costs by 15% through the implementation of energy-saving measures and optimization of treatment processes.
- Played a key role in a team that improved overall plant efficiency by 10%, resulting in increased treatment capacity and reduced downtime.

CERTIFICATES

1. Certified Wastewater Operator (CWO)

Aug 2021

2. Board of Certification in Professional Operators (BCPO) - Wastewater Treatment Operator

Sep 2019

MEMBERSHIPS