

Clint Richard White

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Team,

I am writing in application to the Water Distribution IV position. I've certified and advanced to Control Operator IV after achieving a Class IV Drinking Water Certificate in Kansas. During those four years, we adapted daily to construction upgrades to both the sand filters and the pioneering membrane filtration system. We worked daily with contractors to ensure no downtime in the \$500M distribution system. Along the way I worked with the City-run State Laboratory team in communications and optimization. I recently completed my Continuing Education and earned my Colorado Class A Certificate.

After earning the Eagle Scout rank I followed my father's Civil Engineering lead and joined the Black & Veatch Engineering Explorers Post. I was quickly voted to Vice President of the group as we met weekly to plan our travels. Over the three years we attended three National Leadership Conferences. Chicago and Washington DC provided a powerful urban experience as the conference brought us together for the challenges ahead. Just like in Science Olympiad in Jr and High School, we brought home medals and honors as we completed Communications Challenge, Structure Building and more. We were in the presence of Fire, Police, EMT, and other Explorer fields – the best of the best.

Environmental Science grabbed my heartstrings and led me to Geology. I had taken up mountain bike and rock climbing with every spare moment, and climbing millions of years of limestone and sandstone strata was fascinating! At UMKC I participated in the Philosophy Department via Philosophy of Science. Learning and applying Eco-Toxicology studies within my Water studies was a focus. Environmental Geophysics and Environmental Geology taught me further how our water and landfill actions are affecting our world.

Upon graduation I found an engaging job at the City of Olathe. As a Control Operator, I was able to use SCADA data, apply it in Excel, and find anomaly all over the Water Plant. We corrected error after error, and I kept finding more. I utilized the data from the SCADA system to find equipment malfunction, chemical leaks including tens of thousands of gallons of hypochlorite we thought was being consumed, and caught things before they became catastrophic. My interface suggestions created a smoother workflow on the SCADA system.

We cross-trained in other Water departments and celebrated department victories. I trained with the Service Technician team at the water plant, solving problems to prevent them from needing to wake and drive to the plant on the overnight shift for emergencies. I trained in Ladder Logic to assist in programming the automation for the water plant, impressing the Instructor as others struggled with the concepts. My electrical safety certificates were completed when Lydia training was available, now LinkedIn Learning. We proactively cleaned and replaced parts in a preventative maintenance schedule.

Since moving to Colorado I've worked for over three years in the Engineering and Survey field to lay out the designs for drinking water, storm water and sanitary pipes. We use Engineering plansets to confirm flow, coordinating with Superintendents to correct any updates along the way. I've witnessed and mitigated conflict in Contractor and Regulator communications, revealing the complexity of both to each as we sought completed projects. My recent Survey Crew Chief position included miles of staking for various Water projects throughout the State. The water project in Estes Park required solo staking in very challenging terrain; attention to detail had me correcting some missed Engineering errors.

I miss the Water industry stability, and look forward to discussing how my skillset can help Colorado Water Operations grow sustainably and safely.

To the Future,

Clint White