



H<sub>2</sub>O Innovation is a complete water solutions company providing design, manufacturing and delivery of state-of-the-art water and wastewater treatment facilities. Our strategic area of focus is membrane technologies and we have a world-class team of membrane experts who customize designs for our client's water challenges. In the fall of 2020, H<sub>2</sub>O Innovation was named **Water Company of the Year at the Global Water Awards** as a result of our portfolio of award-winning projects, continuous focus on innovation, and reputation as a client-focused organization that offers solutions throughout the life cycle of a Utility.

With >1200 employees, \$250M in annual revenue and 800 installations, our team has the experience and breadth of knowledge to identify ideal solutions for challenges within the field of water treatment. Our company is focused on water and only water, allowing us to leverage expertise from our service technicians and operators to feed back into the preliminary designs developed by our engineering teams. This real-time and continuous feedback gives us a distinct advantage to incorporate world-class innovation within our treatment plant designs. H<sub>2</sub>O Innovation's flexibility has played a large role in our success. Our company is large enough to have the experience, strong technical team and robust financial backbone, while being small enough to be agile in response to the specific needs of our partners and clients. Unique engineering challenges like treatment plant retrofits give us an opportunity to demonstrate our ability to carefully assess technical challenges and our client's priorities, formulate detailed engineering outputs and present them in a clear and concise manner.

H<sub>2</sub>O Innovation's mission is to develop, produce and bring to market safe, integrated, and customized products for the production of drinking water and industrial process water, the reclamation of water and the treatment of wastewater. Our systems are environmentally friendly and aim to meet or exceed local and federal water treatment standards.



H<sub>2</sub>O Innovation's approach is to review and fully understand our customer's needs before making recommendations. We conduct a complete analysis of the customer's unique situation and consider all possible solutions, with an emphasis on technical suitability, capital and operating costs, energy savings, maintenance requirements and equipment amortization. Technical specifications are fully respected in the development of our proposal and during the execution of the project. In the absence of technical specifications, proposals are prepared jointly with the customer and customer's engineer, who become key partners in the design process. Our systems utilize standard replacement parts for valves, motors and switches that are available easily from well-known manufacturers. Technical submittals for approval are prepared in conformance with the requirements of the specifications and presented for ease in the evaluation by the engineer. Any deviation and/or exception to the specifications are clearly identified.

H<sub>2</sub>O Innovation has acquired a unique know-how in the sector of membrane filtration and applies it in the development of highly efficient solutions. The Corporation possesses a broad line of products serving various customers in the municipal, commercial, institutional, industrial, oil & gas, mining and energy markets. We are able to build complex and highly specified projects for a variety of applications, as exemplified in this video: <https://youtu.be/qWnzTYKhyzs>.

Our design teams leverage the most advanced modeling software from biological simulations to 3-D graphical representations of our designs allowing operators and fabrication specialists to visualize and optimize our final products in advance of commencing procurement of materials. This approach optimizes our internal process.

Our extensive manufacturing capabilities provide us with a unique approach to market. Steel fabrication and painting, electrical panel assembly and final treatment skid assembly and factory acceptance testing is all conducted onsite under the supervision of our production team. Maintaining our in-house approach drives projects forward to meet tight schedules while providing consistent fabrication quality that strictly adhere to H<sub>2</sub>O Innovation's internal quality management system.

The most important objective in our projects is customer satisfaction. From initial discussions, through the exploration of design concepts, all the way to factory acceptance testing and onsite start-up programs, we know that our clients come first. Our efforts are rewarded when we get positive feedback at the end of a big project.



"From initial design through to performance testing the project was an overwhelming success..."

I would highly recommend H<sub>2</sub>O Innovation as a water and wastewater treatment company..."

- **Christian Brinegar,**  
Facilities Engineer