

**PRESS RELEASE**  
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**TSX-V: HEO**  
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## **H<sub>2</sub>O Innovation completes its largest integrated UF-NF project to date.**

**Quebec City, February 4, 2015** – (TSX-V: HEO) – H<sub>2</sub>O Innovation Inc. (“H<sub>2</sub>O Innovation” or the “Company”), leader in membrane filtration, completed the commissioning of one of its largest drinking water project to date, which was designed for the City of Delaware in Ohio (the “City”) and provide continuous support to the City with its proprietary remote monitoring solution SPMC™ (System Performance Monitoring Center). The City also selected the green chemistry of Professional Water Technologies™ (“PWT”) to operate the plant.

The water treatment system, designed by H<sub>2</sub>O Innovation in collaboration with AECOM Technology Corporation (Columbus, Ohio) for the City, produces 7 MGD (26,498 m<sup>3</sup>/d) of drinking water. The system is comprised of three ultrafiltration (UF) trains and five nanofiltration (NF) trains treating water from two different raw water supply sources.

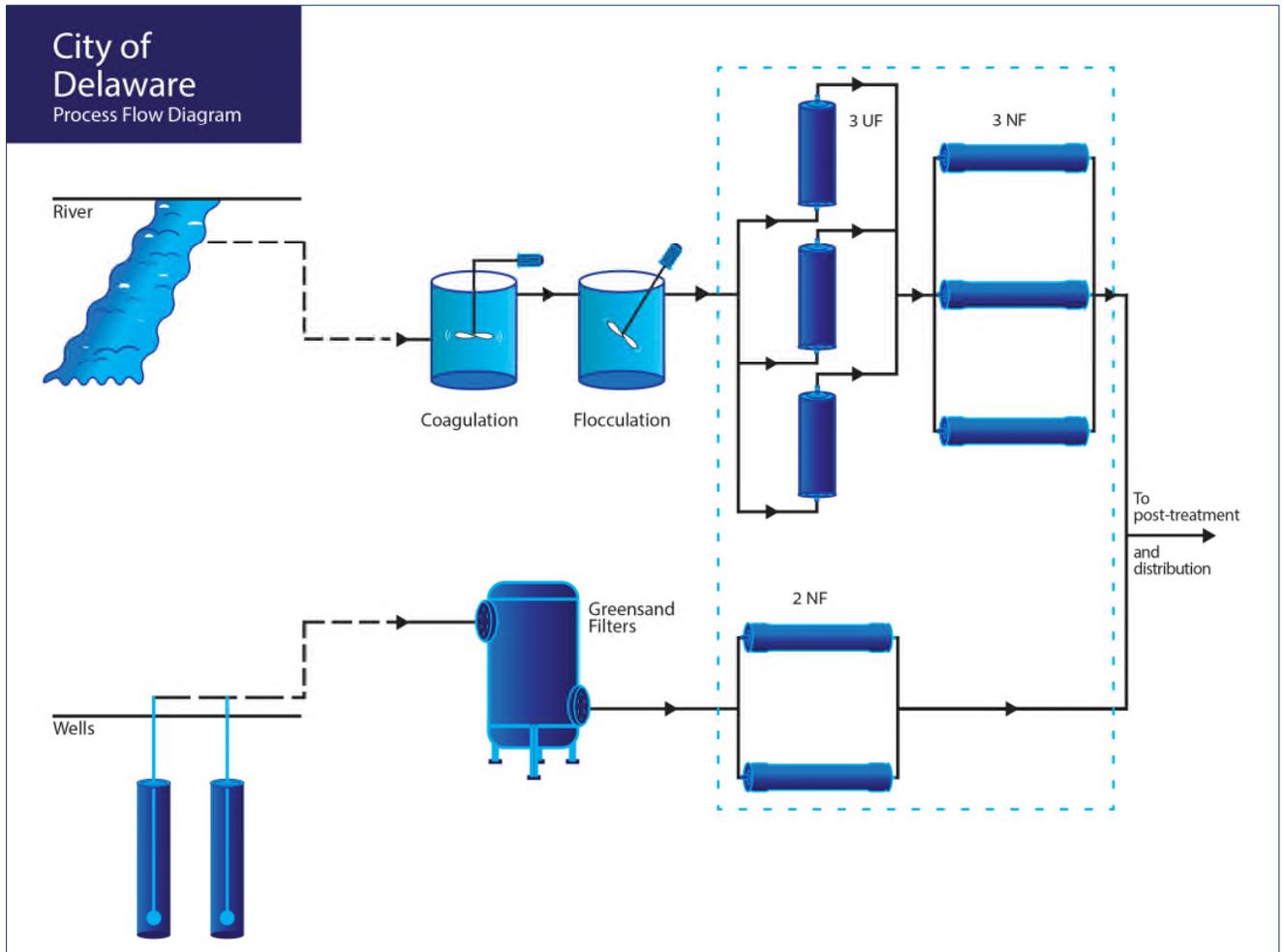


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*Additional images are available upon request to our Marketing Manager.*

### **Dual Water Sources, Dual Treatment Scheme**

In order to provide its customers with sufficient potable water, the City pumps water from the Olentangy River but also from groundwater wells. To treat the river water, an existing flocculation and sedimentation system provides pretreatment to three new UF trains followed by three new NF trains. The net capacity of the surface water treatment system is 4.5 MGD (17,034 m<sup>3</sup>/d). The groundwater source, which contains iron, manganese and hardness, requires a different treatment process that consists of greensand filtration followed by two new NF trains. The groundwater treatment system has a capacity of 2.5 MGD (9,464 m<sup>3</sup>/d). The treated surface water and groundwater streams are ultimately blended prior to pumping to the distribution system. By providing engineered process design for each raw water source, membrane fouling is minimized, while optimizing operation and maintenance costs.



### System's Status at Their Fingertips

H<sub>2</sub>O Innovation continues to support the City by providing monitoring and performance analysis in real time. Through its remote monitoring solution SPMC™ (System Performance Monitoring Center) developed in-house, H<sub>2</sub>O Innovation's process engineers and service team are capable of assisting the operators in their daily tasks as they learn the ins and outs of this new UF-NF treatment system. The monitoring solution SPMC™ also enables the operators to have remote access to the HMI, to receive alarm notifications on their smart phones but more importantly, to get process recommendations such as the scheduling of the next membrane cleaning.

### PWT Chemicals Selected by the City

While the clients are free to use the chemicals they want to maintain their system, H<sub>2</sub>O Innovation always proposes its complete line of speciality chemicals branded under the name Professional Water Technologies™ ("PWT"). After a careful evaluation, the City has decided to go ahead and procure PWT's specialty chemicals for membrane scale inhibition and cleaning using our green chemistry – phosphate free antiscalant.

### A Successful Project All Around



This project has been a success for both the City and H<sub>2</sub>O Innovation. “Through its experience in membrane system design, fabrication and commissioning, its monitoring solution SPMC™ and its PWT speciality chemicals, H<sub>2</sub>O Innovation shows its ability to provide safe and integrated water treatment solutions and outstanding customer care in order to secure long-term relationships”, **said Frédéric Dugré, President and Chief Executive Officer of H<sub>2</sub>O Innovation.**

The design and construction phases were executed in accordance with the City’s expectations and requirements and H<sub>2</sub>O Innovation was able to secure a long term service agreement. **Brad Stanton, Public Utilities Director at the City, commented:** “H<sub>2</sub>O Innovation was truly a great company to work with, they delivered a system of high quality and we are really pleased with the results”. The City’s satisfaction confirms H<sub>2</sub>O Innovation’s position as a membrane filtration expert and solidifies its leading position on the municipal market of medium size water treatment projects.

### **About H<sub>2</sub>O Innovation**

H<sub>2</sub>O Innovation designs and provides state-of-the-art, custom-built, and integrated water treatment solutions based on membrane filtration technology to municipal, energy & natural resources end-users. Also, directly and through its affiliates, H<sub>2</sub>O Innovation provides services and products complementary to its membrane filtration and reverse osmosis systems. These products consist of a complete line of speciality chemicals and consumables and a complete line of couplings. For more, visit [www.h2oinnovation.com](http://www.h2oinnovation.com).

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### **Source :**

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