

TREATMENT PLANT

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Hi, my name is Cameron, I recently graduated from college last Spring. Following my graduation, I accepted a position at Pennichuck Water working as their Corporate Communications Specialist. When I first started, I had no idea about the water industry and its significant importance. My intent with creating this blog is to be able to share what I learn and experience about the water industry with others.

During my first week at Pennichuck, I received a tour of their water treatment facility. When I arrived at the water treatment facility, I had to scan my badge to get through the entrance of the facility which made me feel like an official Pennichuck employee. As I was driving up to the treatment plant, I saw some beautiful brick buildings on a pond and a waterfall that led down to a stream.

Once I entered the building, I was introduced to two of the engineers, Hannah and Casey, who would be giving me the official tour. We started off the tour in the Snow Station which was one of the older brick buildings I saw when I arrived. She mentioned that the building was built in the year 1893 and that it served the purpose of housing the Snow Steam Turbine which pumped water to the city of Nashua.

Afterward, we went into the actual treatment plant where Hannah and Casey showed and explained to me the process of water treatment. They started by explaining the initial filtration process and the developments Pennichuck has made over its 175 years of operation. We then talked about the chemicals added to the water to eliminate the bacteria and ensure the water is safe to drink.

Following touring the treatment plant, we walked over to the last building on the treatment facilities premises, the Dean & Main Building. Hannah informed me this building houses the Dean & Main pump constructed in the 1900s. This hydraulically driven pump delivered up to 7 million gallons a day from the supply pond to the distribution system and ran until the 1970s when it was replaced by electric pumps. Today, the Dean & Main station is in refurbished condition and serves as a historical display. This building also houses handwritten pumping logs from the 1800s and many other drinking water artifacts.

Following the tour, all I could think about was how unique it was to work at a company that has been around for so long and made so many advancements in its years of operation yet still maintains its historical integrity. Since the start of Pennichuck Water, their mission has been to supply their customers with safe and clean drinking water. The advancements that they have made since then are remarkable and I am so lucky to be a part of this mission.

