

Woodward Upgrades Project Newsletter

A part of the Clean Harbour Program

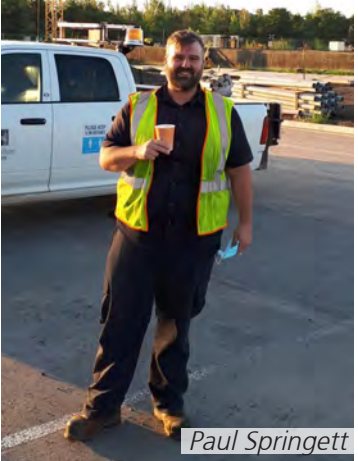
September 2021

THANK YOU

Throughout the Woodward Upgrades Program, staff from both Plant Operations and Plant Maintenance & Technical Services (PMATS) have provided incredible levels of support and dedication to this milestone capital program. Since design started in mid-2009, staff have continuously supported project document reviews and workshops, helped to ensure operational needs would be met and that project designs were the best and most sustainable options available. From the start of construction in 2017, Operations and PMATS staff were ready to assist with shutdowns, adjust to road closures, maintain plant operations with reduced capacity and respond quickly to issues. There has been outstanding commitment and support in lending their expertise to facility testing, both on and off site and actively participating in commissioning activities. The incredible contribution of staff has attributed greatly to a smooth transition of the new processes, as the projects reach their completion. The Woodward Upgrades team would like to express their deep appreciation to staff at all levels who contributed to this momentous achievement for Hamilton Water.



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Main Pumping Station

Site grading and paving is nearing completion. Interior finishes including control room, staff facilities and 24-person capacity boardroom are being finalized. The 60-day run test of the new station is estimated to be completed in October, after which time operation of the facility will be handed over to Plant Operations. After successful commissioning and transition to Plant Operations, the original pumping station will be decommissioned and the building will be demolished.

Progress to Date



Electrical Power Centre

Nearly all WWTP loads have been transferred to the new EPC system. Once completed, the old WWTP electrical substation and auxiliary power building will be demolished. Work will continue to correct deficiencies that have been identified. The new chlorine system is nearly complete and the remaining commissioning activities continue. The project is estimated to reach substantial completion in December 2021.

Progress to Date



Tertiary Treatment

Phase 2 of the South Plant construction is progressing with concrete work on the Aeration tank and the new Secondary Clarifier. Concrete work continues as well at the new Chlorine Contact Tank. The new effluent outfall spillway and channel is almost complete. The construction of the Tertiary Treatment Building has made great stride with masonry, mechanical, electrical, and HVAC work continuing.

Progress to Date

