

Water/Wastewater Budget – 2023 - Operating		
Project Name	Project Description	Alignment to Strategic Plan
<p>Lucknow Inflow and Infiltration</p> <p>\$30,000</p>	<p>Flow monitoring and closed-circuit video inspection at select locations in the Lucknow sanitary sewer system has been completed with few obvious sources of infiltration identified. More video inspections and repairs to some manhole structures that could be a source of infiltration is scheduled for 2023.</p>	
<p>Water/Wastewater Operations Review</p> <p>\$20,000</p>	<p>A third-party review of the operation and management of our water and wastewater systems will assist Township staff in determining what areas are working well and what needs improvement. In accordance with our Drinking Quality Management Standard (DWQMS), the Operational Plan is audited by a third party, however, this is only a review of the Operation Plan and not a detailed review of all the components of our operations including policies, procedure, organizational structure, etc.</p> <p>We are planning to work with our consulting engineers, BM Ross and Associates as well as a retired water and wastewater operations manager to undertake this review. The findings that are produced will be valuable information for Township staff to discuss with our Operating Authority during contract negotiations. The current contract expires on June. 30, 2024 and we are planning to begin discussions early in 2023.</p>	
<p>Lucknow Lift Pump</p> <p>\$40,000</p>	<p>One of the three pumps in the Lucknow Sewage Pumping Station has failed and is in need of replacement. Staff are planning to install a different model of pump that are considerably more expensive then the pump we were using, but we are finding that the shorter lifespan of the cheaper unit is not worth the cost savings.</p>	

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Ripley Lift Pump \$9,000	We currently do not have a working spare pump at the Ripley Sewage Pumping Station, so we are looking to purchase a new spare pump in case one of the pumps fails.	

Water/Wastewater Budget – 2023 – Capital

Project Name	Project Description	Alignment to Strategic Plan
Tanglewood & Ridgewood Watermains (Point Clark) \$570,000	This is the second and final phase of a street reconstruction project in Point Clark. The first phase included the reconstruction of Woodhaven Rd, a portion of Tanglewood Dr. and Laidlaw Pl. This phase will include the remaining portion of Tanglewood Dr., Ridgewood Rd and Jardine Pl. The existing 50mm (2") watermains have failed numerous times over the past few years and they need to be replaced. The new watermains will be 150mm (6") in diameter, fire hydrants will be installed and water services will be replaced.	
Point Clark Well 2 Inspection \$15,000	The last video inspection of Well 2 in Point Clark was in 2012 so it is overdue for another inspection. Drinking water wells are typically inspected every 10 years.	
Murdoch Glen Pump Repairs \$12,000	One of the high lift pumps at the Murdoch Glen pumping house in the Heritage Heights area is leaking and will need to be rebuilt.	
Ripley Contamination /Inspection \$30,000	The Ripley Wells 3 and 4 investigation is scheduled to continue in 2023 with the inspection of the well casings to determine if there is any source of a leak that could not be detected in the pressure test conducted in 2022.	

Water/Wastewater Budget – 2023 – Capital		
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Ripley Well 1 Abandonment \$20,000	If the Ripley Well 3 and 4 raw water contamination issue is resolved in 2023, staff are planning to abandon the original well in Ripley that is located south of the Ripley & District Fire Station. This will leave Ripley with three operating drinking water wells which is more than adequate for this system.	
Ripley Well 2 MCC Replacement (\$160,000)	The Master Control Centre (MCC) at Ripley Well 2 is in need of replacement.	
Ripley Well 2 Inspection (\$15,000)	Ripley Well 2, which is located directly east of Well 1, is due for a video inspection to evaluate its condition. The well was last inspected in 2013.	
Lucknow Well 5 VFD and Mag Meter \$35,000	<p>This project will provide redundancy in the Lucknow water system in the event that the Lucknow Standpipe has to be decommissioned before the new elevated tank is commissioned or when the new tower is taken offline for maintenance or inspection purposes. The new controls will be able to regulate water pressure across the system without elevated storage.</p> <p>This project was proposed to begin in 2022, however, staff decided to delay this until the new PTTW amended was approved by the MECP.</p>	

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