



# COMMUNICATION UPDATE

<b>TO:</b>	Mayor and Members City Council
<b>DATE:</b>	January 12, 2024
<b>SUBJECT:</b>	Procurement Policy 10 - Digester 3 Emergency Repairs - HW2401
<b>WARD(S) AFFECTED:</b>	City Wide
<b>SUBMITTED BY:</b>	Shane McCauley Director, Water & Wastewater Operations Public Works Department
<b>SIGNATURE:</b>	

Mayor Horwath and Members of Council, the purpose of this Communication Update is to satisfy the notification requirement in accordance with Procurement Policy By-law No. 22-255, Policy 10; and is related to the emergency repairs that were required due to an upset of Digester #3 at the Woodward Wastewater Treatment Plant (WWTP).

On February 5, 2022, Hamilton Water - Plant Maintenance and Technical Services declared an emergency, as defined in the Procurement Policy By-Law 22-255.

Digester #3 at the Woodward Wastewater Treatment Plant (WWTP) suffered a process upset that caused a pressure increase until the digester cover lifted and damaged the cover support beams. The upward force deformed the beams and caused the welds to fracture where the beams connected to the outer thrust ring and radial beams.

CIMA + Engineering was retained for Consulting Services to assess the damage and provide contract management services during the repairs to Digester #3. Maple Reinders was engaged as the contractor to complete the remediation work.

Prior to commencement of the repair work, the digester was required to be cleaned out. WESSUC Inc. was retained to remove, appropriately track, and dispose of the contents to a registered landfill. The final cost of the solids clean-out was \$1,433,133.51.

Thereafter, Maple Reinders completed their work as of August 2023 marking the end of the emergency work. The final cost for Maple Reinders to complete the required repairs under Procurement Policy 10 was \$3,248,709.00, necessitating a notification to Council.

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OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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For further information, please contact Danny Locco, Manager of Plant Maintenance and Technical Services at (905) 546-2424, extension 5487.

**APPENDICES AND SCHEDULES ATTACHED**

N/A