



# Staff Report

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## Operations

**Report To:** Special Meeting of Council  
**Meeting Date:** September 2, 2021  
**Report Number:** CSOPS.21.065  
**Title:** 3rd Party Review of the Thornbury WWTP Expansion  
**Prepared by:** Shawn Carey, Director of Operations

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### A. Recommendations

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THAT Council receive Staff Report CSOPS.21.065, entitled "3rd Party Review of the Thornbury WWTP Expansion" for their information.

### B. Overview

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This Staff Report provides a summary of next steps regarding a 3rd Party review of the Thornbury WWTP expansion plans.

### C. Background

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Further to the August 9, 2021, Special Meeting of Council Closed Session, staff were directed to provide information regarding a land acquisition or disposition matter and provide a staff report with considerations affecting such acquisition or disposition of lands to a Special Meeting of Council scheduled for the week of August 30, 2021.

Part of that direction was to conduct a 3rd Party review of the expansion plans for the Thornbury WWTP to assess design options, budget estimates, project schedule, including any other relevant matters.

### D. Analysis

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Staff are in the process of finalizing a 3rd Party Optimization Study of the Thornbury WWTP. The objective of the study is to enhance plant operations and operator training. The draft report provides a number of recommendations to optimize the existing conditions prior to the Phase 1A expansion, operations and maintenance activities associated with the Thornbury WWTP. The report identifies a number of efficiencies as a result of the 3rd Party audit of process-related controls and equipment and operator training including a number of recommendations regarding odour control systems, energy conservation opportunities and implementation strategies.

Given the familiarity with the existing Thornbury WWTP, Staff are in the in the process of securing the same consultant to undertake a comprehensive 3rd Party review of the expansion plans. As outlined above, the scope of work will include an assessment of design options, budget estimates, project schedule, etc.

Staff are intending on having the results of both the Optimization Study and the 3rd Party review presented at a future Committee of the Whole meeting.

## **E. Strategic Priorities**

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### **1. Communication and Engagement**

We will enhance communications and engagement between Town Staff, Town residents and stakeholders

### **2. Organizational Excellence**

We will continually seek out ways to improve the internal organization of Town Staff and the management of Town assets.

### **3. Community**

We will protect and enhance the community feel and the character of the Town, while ensuring the responsible use of resources and restoration of nature.

### **4. Quality of Life**

We will foster a high quality of life for full-time and part-time residents of all ages and stages, while welcoming visitors.

## **F. Environmental Impacts**

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A number of the recommendations included in the Optimization Study are linked to decreases in carbon emissions, power consumption, etc. In addition, a 3rd Party review of the Thornbury WWTP expansion plans may yield findings that can improve environmental outcomes.

## **G. Financial Impacts**

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\$25,000 for the 3rd Party review would be drawn from the Thornbury WWTP expansion Wastewater Asset Replacement Reserve Fund.

## **H. In Consultation With**

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Allison Kershaw, Manager of Water & Wastewater Services

## **I. Public Engagement**

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The topic of this Staff Report has not been the subject of a Public Meeting and/or a Public Information Centre as neither a Public Meeting nor a Public Information Centre are required. However, any comments regarding this report should be submitted to Shawn Carey, Director of Operations [directorops@thebluemountains.ca](mailto:directorops@thebluemountains.ca).

## **J. Attached**

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N/A

Respectfully submitted,

Shawn Carey  
Director of Operations

For more information, please contact:

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