



**Subject:** *Bylaw IO-300-2, an Amendment to Bylaw IO-300, A Bylaw Respecting the Regulation of Connections and Discharges to Public Sewer Systems (Sewer Bylaw)*

**To:** Executive Committee

**Date Prepared:** July 13, 2026

**Related Motions:** IO17(18), C24(224)

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**Approved by:** Jesse Hulsman, Director of Infrastructure & Operations

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### Summary

Bylaw IO-300, The Sewer Bylaw outlines the responsibilities of residents and the Municipality for the installation and maintenance of the Municipal sewer system. Staff are recommending the Bylaw be updated to decrease the allowable biochemical oxygen demand (BOD) concentration.

### Financial Impact Statement

There are no immediate financial impacts associated with the update to the Bylaw.

### Recommendation

To approve the proposed amendment to the *IO-300 Sewer Bylaw*.

### Recommended Motion

*Move that the Infrastructure & Operations Committee recommends to Council that Council approves and gives first reading to Bylaw IO-300-2, an Amendment to Bylaw IO-300, a Bylaw Respecting the Regulation of Connections and Discharges to Public Sewer Systems (Sewer Bylaw) as attached to the Executive Committee agenda of July 21, 2026.*

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### Background

Bylaw IO-300, the Sewer Bylaw (the 'Bylaw'), outlines the duties of both residents and the Municipality for the installation, proper use, upkeep, and repair of the Municipal sewer system.

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### Discussion

The proposed update includes:

#### Update Allowable Biochemical Oxygen Demand (BOD) Concentration

Section 4.3.18 has been amended to reduce the allowable biochemical oxygen demand (BOD) concentration in wastewater from 300 milligrams per litre to 200 milligrams per litre. This revision aligns with the design criteria within the Porter Dillon Infrastructure Capacity Study (1998), which

also represents a typical industry design value. No supporting documentation was identified to justify the existing allowable BOD concentration of 300 milligrams per litre.

## Alternatives

To continue using the July 24, 2024 version of the Bylaw.

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## Conclusion

Incorporating the proposed amendment to the Bylaw will appropriately reduce the allowable biochemical oxygen demand (BOD) concentration limit to align with the Porter Dillon Infrastructure Capacity Study (1998), which also represents a typical industry design value.

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## Attachments

Please see attached:

- IO-300 Bylaw Review Notes (2026-2027);
- Excerpt from Porter Dillon Infrastructure Capacity Study (1998).