



April 22 2016

File No. 29599

City of Victoria
#1 Centennial Square
Victoria BC V8W 1P6

Attention: Randy Chang
Engineering Department

Dear Sir:

**Re: 515 Burnside
Sewage Flow Calculations - Revised**

This report will compare the sewage flow of the proposed development with the "highest use" development permitted under the existing zoning to see if sewage attenuation is required.

Background

The proposed development is a 289.28 sq. m building with an office occupancy. For the reader's convenience, a copy of the Architect's DP package is enclosed in Appendix A.

The following shows the estimated sewer flows expected from the highest use under the existing zoning and the proposed development:

Existing Zoning

The existing R1-B zoning permits a single family dwelling and a secondary suite. As per the calculations attached in appendix B, the estimated peak wet-weather flow under the existing zoning is expected to be 9,255 L/day.

Proposed Development

As per the attached calculations in appendix B, the estimated peak wet-weather flow for the proposed development is expected to be 3,774 L/day.

Summary

The peak sewage flow from the proposed development will be less than the sewage flow from a development at the highest use for the current zoning. Therefore, no sewage attenuation is required for the proposed development.

Yours truly,

J.E. Anderson and Associates

Ross Tuck, P.Eng
Senior Project Engineer

