



City of Coquitlam Small-Scale Residential Stormwater Management Form

Engineering and Public Works

3000 Guildford Way, Coquitlam, BC V3B 7N2
Phone: [604-927-3500](tel:604-927-3500) Email: epw@coquitlam.ca

Application Date: _____ City Project (if applicable): _____

- This form is to be completed by the applicant and submitted with the building permit application to confirm conformance with the City's Small-Scale Residential Stormwater Management policy.

Development Site Address (if applicable): _____

Work location (street name, block number, to/from, at, etc.): _____

Contact Information

Applicant Company Name: _____

Applicant (person completing application form)

Applicant Name: _____ Applicant Title: _____

Applicant Phone: _____ Applicant Email: _____

Applicant's Signature: _____

Company Name (Prime Contractor)

Site Superintendent

Name: _____ Title: _____

Phone: _____ Mobile: _____ Email: _____

Permit Information

Building Permit Number: _____ Number of Units: _____

Total Impervious Area: _____ m²

Type of Development:

Single Family ☐ Duplex ☐ Accessory Building ☐ Housing Choices ☐

Small-Scale Multi-Unit Housing (SSMUH) ☐ Other: _____

Application Checklist

The following information must be provided. Incomplete applications will not be reviewed.

1. Does the Development Site fall into the Steep Slope Criteria? (Per [Drainage Bylaw Slope Review](#))

Yes ☐

No ☐

If Yes, only a detention system is required.

2. Does the Development Site have a high seasonal groundwater table (defined as being within 1.2 metres of the ground surface and confirmed by a geotechnical professional engineer)?

Yes ☐

No ☐

If Yes, a Customized Stormwater Management Plan is required.

3. Specify the selected method for compliance with the Stormwater Management requirements

City Standard - Detention ☐ Customized Stormwater Management Plan ☐

City Standard - Infiltration ☐

If the Customized Stormwater Management Plan is selected, adhere to the [Stormwater Management Policy and Design Manual](#) criteria.

Performance Requirements

Provide the following information only if City Standard was selected in the previous section.

1. Site Area: _____ m²

Using the site area noted in Item i, select the minimum storage volume and orifice diameters for the proposed development from Table 1.

Lot Size	Minimum Storage Volume (m ³)	2 - Year Orifice	10 - Year Orifice
Up to 500 m ²	5.4	25	55
501 m ² to 750 m ²	8.1	30	65
751 m ² to 1000 m ²	10.9	35	75
1001 m ² to 1250 m ²	13.6	40	85
1251 m ² to 1500 m ²	16.3	45	95

Table 1: Minimum Storage Volumes and Orifice Diameters

2. Minimum Storage Volume: _____ m³

3. 2-Year Orifice Diameter: _____ mm and 10-Year Orifice Diameter: _____ mm

Reduction in Tank Storage Volume

The tank storage volume can be reduced if other stormwater management features are implemented. The following table shows the reductions available for common features.

Stormwater Management Feature	Permitted Reduction					
Permeable Paving	0.01m (10mm)	x		m ² =		m ³
Runoff directed to landscaping	0.01m (10mm)	x		m ² =		m ³
Green Roof	0.01m (10mm)	x		m ² =		m ³
Total Reduction				=		m ³

Table 2: Permitted Reductions for Tank Storage Volume

4. Tank Storage Volume = _____ m³ (Minimum Storage Volume – Total Reduction)

Acknowledgement

By signing this form, the applicant hereby acknowledges the stormwater management requirements for their site and confirms that a stormwater management system will be installed as per the City's Stormwater Management Criteria.

Applicant Name: _____ Signature: _____

Additional Information

By submitting this form you are consenting to the collection of your personal information for the purposes of the City's Small-Scale Residential Stormwater Management Program in accordance with Section 26(c) of the *Freedom of Information and Protection of Privacy Act*. Should you have any questions or concerns about the collection of your personal information please contact us at epw@coquitlam.ca.