



PRJ# _____ Case# _____

Minor Project Stormwater Report Narrative and Plan Submittal

Instructions: This is a template for a simplified storm report for projects triggering Minimum Requirements #1-5. This form (or equivalent) must be included in your Building or Clearing and Grading Permit Application if the answer is “yes” to any of the questions below. If the project exceeds any of the thresholds below then Civil Engineering Plans are required, and the project does not qualify for the simplified report template.

All submittals shall be per the City of Vancouver Surface Water General Requirements located [here](#):

Yes	No	Criteria
		Project results in more than 2,000 sf but less than 5,000 sf of new plus replaced hard surface area.
		Project results in 7,000 sf or more of land disturbing activities.
		Project is not part of a larger common plan development.
		Project will not adversely impact a wetland, stream, water of the state, or change natural drainage course.

Project Site Information	
Parcel Number:	
Address/Location:	
Project Name:	
Site Address:	
Total Lot Size (sq ft):	Total Area to be Disturbed (sq ft):
Total Proposed Converted Pervious Surface Area (native vegetation to lawn or landscape)(sq ft):	
Total New Hard Surface Area (sq ft):	Total Proposed Replaced Hard Surface Area (sq ft):
Total New Plus Replaced Hard Surface Area (sq ft):	

Applicant Information			
Business Name:		Contact Name:	
Mailing/Billing Address:		City:	State: Zip:
Phone Number:		Email:	
Applicant Signature:			

Minimum Requirement #1: Preparation of Stormwater Site Plan

Part A: Provide Project Background Information

Written Project Description:

Arial Image of Site:

Part B: Calculate new or replaced areas by surface type:

Category A: Lawn or Landscape Areas: _____ sq ft	Category B: Roof Area: _____ sq ft
Category C: Driveway: _____ sq ft Sidewalk: _____ sq ft Patio: _____ sq ft Parking Lot: _____ sq ft Other: _____ sq ft	

Part C: Attach Stormwater Site Plan

Stormwater Site Plan shall include the following:

- **Site Layout**
 - Property Lines
 - Slopes
 - Public Right of Way
 - Existing and proposed vegetation
 - Proximity to wetlands, lakes, and rivers (If Applicable)
 - Existing buildings
 - Existing driveways
- **Hard Surfaces**
 - Proposed buildings
 - Proposed driveways
 - Proposed sidewalks
 - Proposed disturbed soil
- **Storm Facilities**
 - Proposed LID BMP
 - Existing facilities located nearby on the street (If Applicable)
- **Erosion Control**
 - Construction Entrance (Detail E-1.05)
 - Silt Fencing (Detail E-2.33)
 - Inlet protection for existing facilities (Details E-2.20a & E-2.20b) (If Applicable)
 - General Erosion Prevention and Sediment Control Notes (Details E-1.00a & E-1.00b)

Minimum Requirement #2: Construction of Stormwater Pollution Prevention Plan

- **Attach completed abbreviated Stormwater Pollution Prevention Plan.**

Minimum Requirement #3: Source Control of Pollution

Source Control BMP's are intended to prevent stormwater from coming in contact with pollutants. Information about Source Control BMP's is provided in Volume III, Section 1.1 in the 2019 [Stormwater Management Manual for Western Washington](#).

Check the following applicable BMP's for this project:

- **BMP S411:** BMPs for Landscaping and Lawn/Vegetation Management
- **BMP S417:** BMPs for Maintenance of Stormwater Drainage and Treatment Systems
- **BMP S433:** BMPs for Pools, Hot Tubs, and Fountains

Other BMP's Listed In [Volume IV of 2019 Stormwater Management Manual](#):

Minimum Requirement #4: Preservation of Natural Drainage Systems

Drainage patterns and discharges from the project site shall be maintained and preserved at their natural location to the maximum extent practicable.

Choose the option that best describes your project:

If the site does have existing drainage systems and outfalls include the following:

Yes	No	Criteria
		The site has existing drainage systems or outfalls.

- **Short Description of how the current systems will be preserved.**

- **Along with the following additions made to the site plans**

- Pipe invert elevations
- Slopes
- Cover Locations
- Grades
- Direction of flow into stormwater facilities (i.e. catch basins or bioretention facilities)
- Culvert locations
- Additional pipe locations and info

Minimum Requirement #5: On-Site Stormwater Management

All projects meeting Minimum Requirement #1 through #5 thresholds are required to employ on-site stormwater management BMPs (see Fact Sheet) in order to infiltrate, disperse, and retain stormwater runoff to prevent flooding or erosion impacts.

Part A: Infiltration Rates

Projects triggering Minimum Requirements #1 through #5 may have one of the following prepare a soils report to determine if soils are suitable for infiltration.

Criteria	
	Professional soil scientist certified by the Soil Society of America
	Locally licensed on-site sewage designer
	A suitably trained person working under the supervision of a professional engineer, geologist, hydrogeologist, or engineering geologist registered in the State of Washington

Tested Infiltration Rate: Inches/hour

Part B: Select BMP

For each surface category, evaluate the feasibility of the BMPs in the order listed, and use the first BMP that is considered feasible. The applicant must document the site conditions and infeasibility criteria used to deem BMPs infeasible. Once a BMP is deemed feasible and used for a surface, no other BMP from the list is necessary for that surface

Category A: Lawn and Landscape Areas			
BMP and Applicable Lists	Infeasibility Criteria	Is BMP Implemented?	Description and Rationale for BMP not Selected
<ul style="list-style-type: none"> BMP T5.13: <u>Post-Construction Soil Quality and Depth</u> 	<ul style="list-style-type: none"> Siting and design criteria provided in BMP T5.13 (SWMMWW Vol. V Section V-11) cannot be achieved. Lawn and landscape area is on till slopes greater than 33 percent. 	<p>Yes:</p> <p>No:</p>	

Category B: Roofs

BMP and Applicable Lists	Infeasibility Criteria	Is BMP Implemented?	Description and Rationale for BMP not Selected
<ul style="list-style-type: none"> • BMP T5.30: <u>Full Dispersion</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.30 (SWMMWW Vol. V, Section V-3) cannot be achieved 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.10A: <u>Downspout Full Infiltration</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.10A (SWMMWW Vol. V, Section V-4) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.14: <u>Rain Garden</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.14 (SWMMWW Vol. V, Section V-5) cannot be achieved. • Infeasibility criteria for BMP T5.14: Rain Garden is the same for BMP T7.30: Bioretention. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T7.30: <u>Bioretention</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.14 (SWMMWW Vol. V, Section V-5) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.10B: <u>Downspout Dispersion Systems</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.10B (SWMMWW Vol. V, Section V-4) cannot be achieved 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.10C: <u>Perforated Stub-out Connections</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.10C (SWMMWW Vol. V, Section V-4) cannot be achieved 	<p>Yes:</p> <p>No:</p>	

Category C: Other Hard Surfaces

BMP and Applicable Lists	Infeasibility Criteria	Is BMP Implemented?	Description and Rationale for BMP not Selected
<ul style="list-style-type: none"> • BMP T5.30: <u>Full Dispersion</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.30 (SWMMWW Vol. V, Section V-3) cannot be achieved 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP 5.15: <u>Permeable Pavement</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.15 (SWMMWW Vol. V, Section V-5) cannot be achieved 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.14: <u>Rain Garden</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.14 (SWMMWW Vol. V, Section V-5) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T7.30: <u>Bioretention</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T7.30 (SWMMWW Vol. V, Section V-5) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.12: <u>Sheet Flow Dispersion</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.12 (SWMMWW Vol. V, Section V-3) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	
<ul style="list-style-type: none"> • BMP T5.11: <u>Concentrated flowdispersion</u> 	<ul style="list-style-type: none"> • Site setbacks and design criteria provided in BMP T5.11 (SWMMWW Vol. V, Section V-3) cannot be achieved. 	<p>Yes:</p> <p>No:</p>	