

Storm Water Quality Report – Template

Date: _____

Project Name: _____

Project ID: _____

Design Engineer: _____

Is the project within a watershed that is 303(d) listed? _____

If yes:

Name of receiving water(s): _____

Listed Impairment(s): _____

Does the watershed that has an approved TMDL? _____

If yes:

Approved TMDL(s): _____

I have reviewed the storm water quality design and find this report to be complete, accurate, and current.

[name], Project Manager

[name], Designate Storm Water Coordinator

[name], Head of Maintenance

[stamp required at final design phase]

[name], Landscape Architect or Equivalent

Project Information

80th Percentile Storm Depth (in): _____

New Development

Area of Land Disturbance (ac): _____

Project Impervious Area (ac): _____

Project Imperviousness (%): _____

Project Volumetric Runoff Coefficient, R_v : _____

80th Percentile Volume (cf): _____

Predevelopment Hydrologic Condition (cf): _____

Project Volume Retention Goal, V_{goal} (cf): _____

Redevelopment

Existing Project Impervious Area (ac): _____

Proposed Project Impervious Area (ac): _____

Change in Impervious Area (%): _____

If change in impervious area > 10%:

Existing Project Conditions

Imperviousness (%): _____

Volumetric Runoff Coefficient, R_v : _____

80th Percentile Volume, V_1 (cf): _____

Proposed Project Conditions

Imperviousness (%): _____

Volumetric Runoff Coefficient, R_v : _____

80th Percentile Volume, V_2 (cf): _____

$V_{\text{goal}} = V_2 - V_1 =$ _____

Subsurface Information

Groundwater

Depth to Groundwater (ft): _____

Historical High Depth to Groundwater if known (ft): _____

Source: _____

Groundwater Contamination at Site: _____

Soil Information

Infiltration Rate (in/hr): _____

Hydrologic Soil Group: _____

Source: _____

Soil Contamination at Site: _____

Drinking Water

Within Drinking Water Source Area Protection: _____

Additional Relevant Site Information

LID Drainage Areas

Add additional rows as needed.

Contributing Drainage Area	Area (ac)	Impervious Area (ac)	Imperviousness (%)	Volumetric Runoff Coefficient, R_v	Water Quality Volume, WQV (cf)
CDA 1					
CDA 2					
CDA 3					
CDA 4					
Total WQV (cf)					

LID BMP Design

Add additional rows as needed.

Contributing Drainage Area	LID BMP Type	Water Quality Volume, WQV (cf)	Runoff Retained (cf)	Percent of Runoff Captured (%)
CDA1				
CDA 2				
CDA 3				
CDA 4				
Total Volume Retained (cf)				

Percent of V_{goal} captured by LID BMPs: ____%

If 100% of V_{goal} is not captured, document and provide narrative of technical infeasibilities and/or alternate compliance measures below:

Describe additional storm water quality measures incorporated into the site:
