

# Storm Water Quality Report

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**

80<sup>th</sup> Percentile Storm Depth (in): \_\_\_\_\_

New Development

Area of Land Disturbance (ac): \_\_\_\_\_

Project Impervious Area (ac): \_\_\_\_\_

Project Imperviousness (%): \_\_\_\_\_

Project Volumetric Runoff Coefficient, R<sub>v</sub>: \_\_\_\_\_

80<sup>th</sup> Percentile Volume (cf): \_\_\_\_\_

Predevelopment Hydrologic Condition (cf): \_\_\_\_\_

Project Volume Retention Goal, V<sub>goal</sub> (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<sub>v</sub>: \_\_\_\_\_

80<sup>th</sup> Percentile Volume, V<sub>1</sub> (cf): \_\_\_\_\_

Proposed Project Conditions

Imperviousness (%): \_\_\_\_\_

Volumetric Runoff Coefficient, R<sub>v</sub>: \_\_\_\_\_

80<sup>th</sup> Percentile Volume, V<sub>2</sub> (cf): \_\_\_\_\_

$V_{goal} = V_2 - V_1 =$  \_\_\_\_\_

**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

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## 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  $V_{\text{goal}}$  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:

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Describe additional storm water quality measures incorporated into the site:

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