# 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): _____

<u>New Development</u>

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): _____

<u>Redevelopment</u>

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): _____

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

## 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:

_____

_____

_____