**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.

|  |  |
| --- | --- |
| [stamp required at final design phase] |  |
| [name], Project Manager |
|  |
| [name], Designate Storm Water Coordinator |
| [name], Head of Maintenance |
|  | [name], Landscape Architect or Equivalent |

**Project Information**

80th Percentile Storm Depth (in): \_\_\_\_\_

|  |  |
| --- | --- |
| New Development | Redevelopment |
| Area of Land Disturbance (ac): \_\_\_\_\_ | Existing Project Impervious Area (ac): \_\_\_\_\_ |
| Project Impervious Area (ac): \_\_\_\_\_ | Proposed Project Impervious Area (ac): \_\_\_\_\_ |
| Project Imperviousness (%): \_\_\_\_\_ | Change in Impervious Area (%): \_\_\_\_\_ |
| Project Volumetric Runoff Coefficient, RV: \_\_\_\_\_ | If change in impervious area > 10%: |
| 80th Percentile Volume (cf): \_\_\_\_\_ |  Existing Project Conditions |
| Predevelopment Hydrologic Condition (cf): \_\_\_\_\_ |  Imperviousness (%): \_\_\_\_\_ |
| Project Volume Retention Goal, Vgoal (cf): \_\_\_\_\_ |  Volumetric Runoff Coefficient, RV: \_\_\_\_\_ |
|  |  80th Percentile Volume, V1 (cf): \_\_\_\_\_ |
|  |  Proposed Project Conditions |
|  |  Imperviousness (%): \_\_\_\_\_ |
|  |  Volumetric Runoff Coefficient, RV: \_\_\_\_\_ |
|  |  80th Percentile Volume, V2 (cf): \_\_\_\_\_ |
|  |  Vgoal = V2 – V1 = \_\_\_\_\_ |

**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, RV | 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 Vgoal captured by LID BMPs: \_\_\_\_%

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

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| --- |
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|  |
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|  |

Describe additional storm water quality measures incorporated into the site:

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