



Stormwater Technical Information Report For Targeted and Large/Full Project Sites

Project Name:

Project Address:

Parcel Number(s):

Name of Developer/Owner:

Name of Engineer:

Company:

Address:

Phone Number:

Report Date:

Engineer's Stamp:

| | |
|---------------------------------------|--|
| This box to be completed by COK staff | |
| PERMIT # | |

For Applicable Core Requirements, see Section 1.1 (Table 1.1.2.A) of the 2009 King County Surface Water Design Manual.

A. Project Overview

- General description of project vicinity
- Describe existing hydrology
- Description of proposed project
- Site vicinity map showing location of site, nearby roads, receiving waters, and significant geographical features

B. Minimum Requirements:

- Req. #1 – Discharge at the Natural Location
- Req. #2 – Offsite Analysis
 - Include a table showing the amount of impervious surface area existing on the site prior and post development.
 - Include analysis of any offsite flows entering the property.
 - Include downstream analysis that assesses potential offsite drainage impacts associated with development of the project and proposes appropriate mitigations of those impacts. List any existing problems with conveyance, erosion, or flooding. If there are existing problems, state how project will avoid exacerbating or will correct existing downstream problems.
- Req. #3 – Flow Control
 - State level of flow control and facility proposed. Include all flow control calculations.
 - Evaluate the feasibility and applicability of dispersion and infiltration, and state the low impact development BMPs that will be used on this project (1 minimum). See PW Pre-Approved Plan Policy L-2.
 - Include required soil information.
 - Amended soil per Ecology BMP T5.13 is required for all landscaped areas on project sites 1 acre or larger.
- Req. #4 – Conveyance system
Include conveyance calculations for all on-site storm structures and new off-site structures. Calculations must show the system is designed with sufficient capacity to convey and contain the 25-yr peak flow.
- Req. #5 – Erosion and Sediment Control
The Construction Storm Water Pollution Prevention Plan (CSWPPP) contains 2 parts; the Erosion and Sediment Control (ESC) Plan, and the Stormwater Pollution Prevention and Spill (SWPPS) Plan. All projects meeting the threshold for a drainage review require an ESC Plan (including a drawing in the plans and a narrative section in the technical information report). Only project sites one acre or larger are required to submit a SWPPS Plan. All three plans are explained further in Public Works Policy D-12, and in the 2009 KCSWDM (sections 2.3.1.3 & 2.3.1.4).
- Req. #6 – Maintenance & Operations.
 - Include standard maintenance practices for all on-site stormwater structures.
 - If the stormwater facility/structures will be privately maintained, an Operation and Maintenance manual is required. The O&M Manual is a stand-alone document that shall be retained on site after

construction and should be transferred with the property to new owners. At a minimum, include the following in the O&M:

- a. Description of each facility; what it does and how it works.
 - b. Outline of maintenance tasks and the recommended frequency.
 - c. Log to be used when maintenance activities occur, documenting where and when waste was disposed.
- Req. #7 – Financial Guarantees and Liability
 - Req. #8 – Water Quality
 - Include areas of new and replaced PGIS (table and site drawing)
 - Include level of treatment and facility proposed, along with all calculations.

C. Special Requirements:

- Include information on Special Requirements 1-5 as applicable