



Temporary Erosion and Sediment Control (TESC) Report and Stormwater Pollution Prevention Plan For Construction Activities

Project Type: Single Family Residence

Project Name:

Project Address/Site Location:

Permit Number:

Owner/Developer:

Contractor:

Property Area (sq ft):

Area to be Cleared (sq ft):

Estimated Total Fill (cubic yards):

Estimated Total Excavation (cubic yards):

Existing Impervious Area (sq ft):

New Impervious Area (sq ft):

Replaced Impervious Area (sq ft):

Prepared by:

Date Prepared:

1. INTRODUCTION

This Temporary Erosion and Sediment Control Report and Stormwater Pollution Prevention Plan for the City of Issaquah (TESC Report) has been prepared as part of the City of Issaquah permit requirements for the _____ construction project.

The Contractor is required to comply with the terms of this TESC Report and any TESC measures shown on the approved plans. The Contractor shall designate a TESC Supervisor who shall be responsible for the performance, maintenance, and review of TESC measures as described in this TESC Report and the approved plans.

After the permit is issued, a TESC Preconstruction Meeting will be held onsite to discuss the TESC plans for the site. Any changes needed to adapt the plan to actual site conditions can be addressed at that meeting. For example, proposed silt fence locations are reviewed to ensure that they are appropriate for the site.

Overall TESC requirements for the City of Issaquah are described in the 2017 City of Issaquah Stormwater Design Manual Addendum to the 2014 Stormwater Management Manual for Western Washington. This document is available at <http://issaquahwa.gov/DocumentCenter/View/1049>

For more information on TESC requirements specific to single family residential construction, see Minimum Requirement #2: Construction Stormwater Pollution Prevention (SWPP) in the 2014 Stormwater Management Manual for Western Washington. This document is available at <http://www.ecy.wa.gov/programs/wq/stormwater/manual/2014SWMMWWinteractive/Content/Resources/DocsForDownload/2014SWMMWWW.pdf>

2. SITE DESCRIPTION

Describe the existing conditions, topography, drainage facilities, soils, critical areas, etc, as appropriate. This is intended to be a brief overview of the site.

3. PROPOSED CONSTRUCTION ACTIVITIES AND SCHEDULE

- a. Describe the proposed construction activities and an approximate schedule for the project. Include the existing and proposed storm drainage.

- b. What is the approximate square footage of the total site disturbance, including clearing and grading for buildings, driveways, drain fields, etc.?

4. CONSTRUCTION TESC BEST MANAGEMENT PRACTICES (BMPS)

Describe below how each of the following will be addressed for the project. See Minimum Requirement #2: Construction Stormwater Pollution Prevention (SWPP), for more information.

The Monitoring Points and BMPs are to be shown on the project site plan as much as possible. If for some reason this is a problem, it is acceptable to provide the information on a separate sketch.

- a. Monitoring Points

Identify Monitoring Points on the site plan for all locations where runoff normally discharges from the project site. This includes possible discharges to roadside ditches, drainage swales, storm drains, etc. The City will measure the turbidity of the discharge at the Monitoring Points to verify compliance with the permit.

For project sites where designating a monitoring point is not feasible (for example, flat sites or sites where runoff sheet flows across the property), the monitoring locations will be at the discretion of the City of Issaquah.

- b. Mark Clearing Limits/Minimize Clearing

Show the clearing and grading limits for the project. The purpose of the clearing and grading limits is to define the project boundaries and to prevent disturbance of areas not designated for clearing and grading (e.g. critical areas and buffers). Silt fence is often used to define clearing and grading limits.

- c. c) Minimize Sediment Tracked Offsite

Show the construction entrance and any related parking or staging areas.

d. Control Sediment

Describe how and where perimeter protection (e.g. silt fence) to filter sediment from sheet flow will be provided downhill from disturbed areas. Perimeter protection shall be provided to protect all critical areas and buffers. Provide storm drain inlet protection for nearby storm drains.

e. Stabilize Exposed Soils/Stockpiles

Describe how and what cover measures (straw or other mulch, plastic, erosion control blankets, etc.) will be used to protect disturbed areas and any stockpiled material during both dry weather and wet weather.

f. Protect Slopes

Describe how slopes on site will be protected to minimize erosion.

g. Control Runoff

Describe how stormwater runoff will be managed on the site to keep sediment-laden water from leaving the site. Typical measures include temporary ditches and ponds. Also, if appropriate, describe the BMPs to be used to keep any uphill surface water and stormwater runoff away from the project site.

h. Control Dewatering

Describe the BMPs to be used to manage turbid water resulting from any dewatering of foundations, excavations, etc. Pumping any water offsite is not allowed without prior approval from the City of Issaquah.

i. Protecting Low Impact Development BMPs

Describe how you will protect all Bioretention and Rain Garden BMPs from sedimentation and compaction during the construction process.

j. Final Stabilization

All disturbed areas shall be stabilized with landscaping or some other method prior to final construction approval.

5. WET SEASON REQUIREMENTS

If construction is scheduled during the wet season (October 1st to April 30), describe any additional BMPs that may be used to meet wet season requirements. If the wet season BMPs can be addressed in these plans and TESC Report, an updated plan and TESC Report will not be required for construction during the wet season.

6. POLLUTION PREVENTION AND SPILL PREVENTION BMPS

Pollution control measures shall be followed to ensure that no liquid products or contaminated water enters the storm drainage system or otherwise leaves the project site. Describe the BMPs to be used for the following activities:

Note: If the site is located in the Critical Aquifer Recharge Area (CARA) Class 1 or 2, specific pollution prevention BMPs are required (i.e. secondary containment and spill containment supplies).

a. Storage and Handling of Hazardous Materials

Hazardous materials include petroleum products such as oil, fuel, cold mix, paint, solvents, curing compounds, etc. Liquid products stored outside that may contaminate stormwater runoff if spilled shall be stored under cover and in containment. Spill cleanup materials shall be available at the site.

b. Concrete Work and Paving Operations

Describe the BMPs to be used to ensure materials used during concrete foundation work and paving operations do not enter storm drainage systems, surface waters, or wetlands. Concrete washout must be managed properly.

7. CONTACTS

Provide contact information (name and phone numbers) for the following:

Owner/developer:

Contractor:

TESC Supervisor (person responsible for providing TESC for the site):