



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

**Type of Project: Commercial/Plat**

## **Project Information**

Project Name: \_\_\_\_\_

Project Address/Site Location: \_\_\_\_\_

Permit Number: \_\_\_\_\_

Owner/Developer: \_\_\_\_\_

General Contractor: \_\_\_\_\_

Site Contractor: \_\_\_\_\_

Certified Erosion and Sediment Control Lead (CESCL): \_\_\_\_\_

Prepared by: \_\_\_\_\_

Date Prepared: \_\_\_\_\_

## **Site Information**

Property Area (sq ft/acres): \_\_\_\_\_

Area to be Cleared and Graded (sq ft/acres): \_\_\_\_\_

Estimated Total Fill (cu yds): \_\_\_\_\_

Estimated Total Excavation (cu yds): \_\_\_\_\_

Existing Impervious Area (sq ft/acres): \_\_\_\_\_

New Impervious Area (sq ft/acres): \_\_\_\_\_

Replaced Impervious Area (sq ft/acres) \_\_\_\_\_

## **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 for the \_\_\_\_\_ construction project.

The Contractor is required to comply with the terms of this TESC Report and the TESC measures shown on the approved permit plans. The Contractor's TESC Supervisor shall be responsible for the performance, maintenance, and review of TESC measures as described in this TESC Report and the approved plans. With the exception of small projects, the TESC supervisor shall be a Certified Erosion and Sediment Control Lead (CESCL).

TESC measures shall be in accordance with 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>.

## **2. SITE DESCRIPTION**

Briefly describe below the existing conditions, topography, soils, etc, as appropriate.

## **3. PROPOSED CONSTRUCTION ACTIVITIES AND APPROXIMATE SCHEDULE**

Briefly describe below the proposed construction activities for the project. Describe or include as an attachment a schedule for the project activities. Typical activities include utility installation, building foundations, frontage improvements, paving, etc.

## **4. CONSTRUCTION TESC BEST MANAGEMENT PRACTICES (BMPS)**

Describe below how each of the following BMPs apply to the project. These BMPs are to be shown on the project plans as appropriate. Address the different phases of construction (e.g. clearing and grading, utility installation, building construction).

### **a. Monitoring Points**

Identify Monitoring Points on the TESC plans for all locations where runoff discharges from the project site for all phases of construction. The City will measure the turbidity of the discharge at the Monitoring Points to verify compliance with the permit. Identify any temporary discharge points during construction and also the discharge points for all permanent storm drainage systems.

Description of Monitoring Points:

b. Clearing Limits

Describe the clearing and grading limits for the project. The purpose of the clearing 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).

Description of Clearing Limits:

c. Cover Measures

Describe the temporary cover measures (e.g. straw or other mulch, erosion control blankets, plastic, etc) that will be used to protect disturbed areas. Providing cover measures for as much disturbed area as possible is the most practical way to reduce turbidity in runoff.

Description of Cover Measures:

d. Perimeter Protection

Describe how and where perimeter protection (e.g. silt fence, straw/compost wattles) to filter sediment from sheet flow shall be provided downstream of all disturbed areas. Perimeter protection shall be provided to protect any critical areas and buffers.

Description of Perimeter Protection:

e. Traffic Area Stabilization (including Truck Wheel Wash Areas)

Describe the locations and BMPs to be used to stabilize unsurfaced entrances, roads, and parking areas used by construction traffic to minimize erosion and tracking of sediment offsite. Alternative measures such as a wheel wash shall be used if traffic area stabilization does not prevent sediment from being tracked offsite.

Description of Traffic Area Stabilization (including Truck Wheel Wash Areas):

f. Sediment Retention

Describe any temporary sediment ponds/traps, tanks, or other storage methods that will be used to treat surface water collected from disturbed areas prior to discharge from the site. Also describe how storm drain inlet protection measures (e.g. silt socks) will be used for the project.

Description of Sediment Retention Measures:

g. Surface Water Collection

Describe the surface water collection measures (e.g. ditches, berms, etc.) that will be used to intercept and direct surface water from disturbed areas to sediment ponds/traps, tanks, or other storage methods. This includes any diversions needed to address drainage uphill from the project site.

Description of Surface Water Collection Measures:

h. Dewatering Control

Describe the BMPs to be used to manage turbid water resulting from the dewatering of utilities, excavations, foundations, etc. Water shall not be pumped offsite without prior approval from the City inspector.

Description of Dewatering Control Measures:

i. Dust Control

Preventive measures shall be used as needed to minimize wind-borne dust from leaving the project site. Water used for dust control shall be minimized so that it does not generate runoff.

Description of Dust Control Measures:

j. Flow Control

Provisions shall be made to prevent increases in the existing site conditions 2-year and 10-year runoff peaks discharging from the site during construction.

Description of Flow Control Measures:

k. Final Site Stabilization

Describe how disturbed areas will be stabilized at the completion of the project (e.g. permanent landscaping, straw or other mulch, hydroseed, etc.)

Description of Final Site Stabilization Measures:

## 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

Describe the BMPs to be used for each of the following activities:

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. Describe the BMPs for storage and handling of hazardous materials.

b. Concrete Work and Paving Operations

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

c. Spill Kits and Spill Response

Describe the spill control plan for the construction project.

## 7. DEVELOPER/CONTRACTOR SITE INSPECTIONS AND RECORDKEEPING

Describe the TESC site inspections and recordkeeping that will be performed by the developer/contractor for the project:

## **8. CONTACTS**

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

Owner/developer:

General Contractor:

Site Contractor:

Certified Erosion and Sediment Control Lead (CESCL):