

TESC Plan Review Checklist

A complete TESC plan must include a narrative section and plan sheets. WSDOT uses TESC plans and Spill Prevention, Control, and Countermeasures (SPCC) plans to meet the stormwater pollution prevention planning (SWPPP) requirements of the NPDES Construction Stormwater General Permit (CSWGP) issued by the Department of Ecology (Ecology). This checklist is intended to help TESC plan designers ensure TESC plans are complete and meet the CSWGP planning requirements.

A TESC plan must be prepared in accordance with WSDOT’s *Temporary Erosion and Sediment Control (TESC) Manual M3109*. Some items required to be in a TESC plan may not be known during the design phase and must be added to the TESC plan or site log book after the pre-construction meeting, following CSWGP transfer, or as needed during construction. These items may include:

- The Certified Erosion Sediment Control Lead (CESCL).
- Locations of the permitted outfall locations and discharge sample locations.
- Staging area location(s).

Project Title: _____

Checklist Complete By: _____

Date: _____ Project Engineer: _____

TESC Narrative: Project Description and Existing Site Conditions			
Checklist Items	Yes	No	Comments
Will the NPDES Construction Stormwater General Permit be transferred to the contractor?	<input type="checkbox"/>	<input type="checkbox"/>	
Is the project information complete and accurate for TESC planning purposes (acres of soil disturbance, information about site contamination and impaired waterbodies)?	<input type="checkbox"/>	<input type="checkbox"/>	
Is a general construction schedule outlined for TESC planning purposes (help understand seasonal risks)?	<input type="checkbox"/>	<input type="checkbox"/>	

Have risks associated with soil type been identified (vulnerability to erosion, saturation, infiltration, suspension and sedimentation etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Checklist Items	Yes	No	Comments
Have climate based risks been identified (duration, frequency, intensity of historic storm events, seasonal risks, wind, freeze-thaw cycles etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Have topography based risks been identified (existing or designed slope length, gradient, contours etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Have vegetation preservation opportunities been described and vegetation removal based risks been identified? Consider how the removal of vegetation will effect erosion; if vegetated areas can be saved; if permanent vegetation can be planted early; if clearing be phased to limit risk etc.	<input type="checkbox"/>	<input type="checkbox"/>	
Have drainage based risks been identified (e.g., sources of offsite water run-on from adjacent areas, altered drainage systems, existing drainage issues etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Have other potential risks associated with existing site conditions or high risk work been identified (e.g., high groundwater, seeps or seasonal springs, sensitive or critical areas, utilities work, residential or commercial challenges, geotechnical issues, shaft drilling, rock blasting etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Have potential problem areas been identified (e.g., cut/fill slopes, clay soils, work that generates process wastewater like shaft drilling etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	

Have contingency plans been identified (e.g. how the project plans to manage things like: high pH stormwater, HazMat plans, really turbid water and wastewaters etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	
Have engineering calculations for ponds, treatment systems or other designed structures such as channels and outlets been included?	<input type="checkbox"/>	<input type="checkbox"/>	
TESC Narrative: Elements Risk Analysis and BMP Identification			
Checklist Items	Yes	No	Comments
<i>It is recommended that S9.D of the CSWGP be referred to during this part of the review process.</i>			
Element 1: Preserve Vegetation/Mark Clearing Limits - Are risks clearly outlined?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 2: Establish Construction Access - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 3: Control Flow Rates - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are engineering calculations for ponds included?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 4: Install Sediment Controls - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 5: Stabilize Soils - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 6: Protect Slopes - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 7: Protect Drain Inlets - Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	

- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 8: Stabilize Channels and Outlets			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are engineering calculations for channels or outlets included?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 9: Control Pollutants			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 10: Control Dewatering			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 11: Maintain BMPs			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 12: Manage the Project			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified or relevant contract language referenced?	<input type="checkbox"/>	<input type="checkbox"/>	
Element 13: Protect Low-Impact Development (LID) Facilities			
- Are risks described clearly?	<input type="checkbox"/>	<input type="checkbox"/>	
- Are possible BMPs identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Project Specific Contract Language Used to Manage TESC Risk			
Are Special Provision(s) needed to manage TESC related risks?	<input type="checkbox"/>	<input type="checkbox"/>	

Additional comments on TESC narrative section:

TESC Plan Sheets

Checklist Items	Yes	No	Comments
Is the direction north identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Are property lines, ROW, existing structures, roadways and impervious surfaces identified?	<input type="checkbox"/>	<input type="checkbox"/>	
Are all potential receiving surface water bodies, including wetlands and sensitive/critical areas shown?	<input type="checkbox"/>	<input type="checkbox"/>	
Are cut/fill slopes identified, including the top and bottom slope catch lines?	<input type="checkbox"/>	<input type="checkbox"/>	
Are clearing limits and sensitive/critical areas accurately delineated with high visibility fencing?	<input type="checkbox"/>	<input type="checkbox"/>	
Are first order of work BMPs such as silt fence and ponds shown?	<input type="checkbox"/>	<input type="checkbox"/>	
Are catch basin inlets shown?	<input type="checkbox"/>	<input type="checkbox"/>	
Are anticipated stabilized construction access points shown?	<input type="checkbox"/>	<input type="checkbox"/>	

Are topographical features and the directional flow of water shown?	<input type="checkbox"/>	<input type="checkbox"/>	
Are locations of off-site support activities directly related to the project shown (to be included by the contractor after the permit has been transferred)?	<input type="checkbox"/>	<input type="checkbox"/>	
Are the temporary outfalls as identified in the Notice of Intent shown? Are the discharge sample locations shown (these will likely be added to the TESC plan sheets once construction begins)?	<input type="checkbox"/>	<input type="checkbox"/>	
Additional comments on TESC plan sheets:			