

# EROSION AND SEDIMENT CONTROL (ESC) PLAN CHECKLIST

## REQUIREMENTS



<b>1.</b> The ESC Plan shall include the 12 ELEMENTS OF ESC:	
i.Preserve Vegetation (e.g. indicate Tree Barriers) and Mark Clearing Limits	
ii.Establish Construction Access	
iii.Control Flow Rates	
iv.Install Sediment Controls Specific To The Site	
v.Stabilize Soils	
vi.Protect Slopes	
vii.Protect Drain Inlets	
viii.Stabilize Channels and Outlets	
ix.Control Pollutants	
x.Control De-Watering	
xi.Maintain Best Management Practices	
xii.Manage The Project	
<b>2.</b> Multi-staged ESC Plan that includes measures and best management practices for erosion and sediment control during the clearing grubbing and demolition stage, installation of utility services and building construction, and landscaping and maintenance phase.	
<b>3.</b> Identify the primary source control for all erodible areas, disturbed areas, and/or exposed soils, sediment, etc.	
<b>4.</b> The plan shall include the ESC inspection frequency and schedule for report submissions to Land Development as per the field review schedule defined in the Confirmation of Commitment by the Erosion and Sediment Control Supervisor	
<b>5.</b> The ESC Plan shall identify the weather station utilized to determine when to complete an ESC inspection based on the total precipitation.	
<b>6.</b> The ESC Plan shall include in situ water quality sampling in NTU and water quality sampling submission frequency to Land Development as per the field review schedule defined in the Confirmation of Commitment by the Erosion and Sediment Control Supervisor	
<b>7.</b> For sediment ponds, traps and/or sumps that are proposed, please include the sediment pond/sump design calculations.	
<b>8.</b> For all proposed sediment ponds, traps, and or sumps please provide further details such as, but not limited to sizing, depth, construction materials, etc.	
<b>9.</b> The ESC plan shall include proposed methods to restore and revegetate disturbed areas following the completion of building construction.	
<b>10.</b> The ESC Plan identifies:	
a. Property lines and legal designations of the subject property or properties	
b. Existing and proposed contours or spot elevations	
c. Existing and proposed underground utilities and proposed connections to existing utility services	
d. Haul route if applicable such as large development sites requiring clearing and grubbing; and placement of fill material for grading	
e. Existing and proposed watercourse systems (i.e. open watercourses, ditches, drainage/stormwater infrastructures, catchbasins, etc.) within 30 meters of the site boundaries and proposed protection measures	
f. Environmentally sensitive areas and associated setbacks (e.g. 15 m setback from watercourse top of bank, 15 m setback from natural boundary of the ocean).	
g. Water quality sampling points including the background environment, discharge of water off -property, discharge into the District watercourse system (i.e. drainage infrastructure), and tie-in or connections to proposed drainage/ stormwater infrastructure	
h. Existing and proposed buildings or ancillary buildings or structures	

### PLANNING, DEVELOPMENT AND ENVIRONMENT SERVICES

750 17th Street, West Vancouver BC V7V 3T3  
604-925-7040 | [landdevelopment@westvancouver.ca](mailto:landdevelopment@westvancouver.ca)