Coquitlam

Significant Rainfall Event Planning Checklist

Completed by ESC Supervisor – Copy Must Remain On-Site

Site Address: _____

Site Superintendent Name: _____ Phone: _____

ESC Supervisor Name: _____ Phone: _____

Developer/Duly Authorized Agent Name: _____ Phone: _____

Date: _____ File # _____

It is required that the ESC Supervisor completes the following checklist 48 hours before a forecasted significant rainfall event (**25mm over 24hr period**).

ITEM AND/OR LOCATION TO CHECK	CONDITIONS	ACTION	COMPLETED
A. Are the sediment fences adequate and/or erected correctly?			
• Geotextile sediment fence buried at least 200mm below ground and properly compacted			
• Sediment fencing installed parallel to slope contours and posts installed at minimum 2m spacing			
• Built up sediment does not exceed 1/3 of the height of the sediment fence			
• No tears or rips in existing silt fence fabric			
• Not covered over by materials			
B. Does the wheel wash or the entry/exit point (truck stand/pad) require maintenance?			
• Does the wheel wash contain excessive sediment in its holding tank?			
• Does the entry/exit pad exhibit excessive sediment accumulation and/or tracking offsite?			
• Aggregate 100 to 150mm or greater			
C. Is the road clean of sand, silt and mud?			
• Do the trades staffs have the capacity to clean-up the sediment before they leave the site?			
• Have you ensured sediment does not reach CB?			
D. Are the silt sack traps in place as per the ESC plan specifications?			
E. Is the sediment control system or the pond system well maintained and in good working condition?			

F. Are the 'wet trades' setting/washing up behind a sediment fence and on grassed areas that will hold the volume of waste?			
G. Are roadside gutter check-dams installed upstream from the CB inlets to preclude runoff diversion past CB inlets and mitigate downstream flooding concerns?			
H. Are the stockpiles/sand/soil adequately protected?			
• Covered by a 6mil polyethylene sheets or tarps			
• Located behind a sediment fence			
• Sand bags around base of all temporary stockpiles, placed on paved or compacted surfaces to divert surface runoff away from erodible materials			
I. Do the temporary stockpiles on hard surfaces have:			
• Stockpile fully covered?			
• Perimeter control measures (i.e. sandbags, fibre or geotextile) on the down slope of the stockpile?			
• An up-slope diversion of sandbags, fibre or geofabric for on-site stockpiles?			
J. Are the grass/turf strips on the footpath cleared of sediment, sand and mud?			
K. Are the service trenches backfilled?			
L. Are exposed surfaces of the trench protected with perimeter control measures and/ or disturbed surface protection (i.e. tarps or rock mulch)			
M. Are the temporary drainpipes correctly connected?			
N. Has the Developer been advised about erosion and sediment control corrections?			
O. Incidental Water Management			
P. Polymer/Flocculent Additives			
Q. pH Mitigation			

Notes: