

Site Inspection Checklist

Site Address: _____

Month: _____

Inspector Name: _____

Project Start Date: _____

Phone: _____

Project End Date: _____

USE THIS CHECKLIST FOR REGULAR SITE INSPECTION, AT **MINIMUM ONCE PER WEEK**
AND **BEFORE HEAVY PRECIPITATION** OR OTHER WEATHER-RELATED DISTURBANCES

Item and/or Location to Check	Inspection Dates			
	_____	_____	_____	_____
Rain Events				
Is a rain event greater than 20mm in 12 hours expected? If yes verify all controls are in excellent working order ahead of the rain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personnel and Vehicles				
Have all personnel on site been made aware of the requirements for erosion and sediment control and the consequences involved if there is a breach?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have construction vehicles exposed soils, removed vegetation, or compacted root systems? If so communicate the issue to drivers and remediate the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has it been communicated to heavy machinery to bypass the proposed infiltration area (as noted on ESC plan) to reduce risk of compaction during construction where possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overland Flow				
Is "clean water" diverted around the disturbed area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are concentrated flows of runoff being directed into a sediment pond?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment Pond				
Are the embankments of the pond and the areas that lie downstream stabilized?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the pond system in good working condition? Accumulated sediment is removed before pond reaches 50% capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Dams				
Are the straw bale dams checked regularly (including immediately after each rainfall) and repaired/replaced if integrity is compromised?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the straw bale check dams keyed into the ditch and staked with two stakes angled towards the adjacent bale?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is loose straw wedged between bales to create a continuous barrier?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the excavated soil backfilled and compacted against the bale on the upslope side?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Silt Fence				
Is the geotextile still buried in the soil on the upslope side of the stakes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the fence pulled tight so it won't sag when water builds up behind it?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the ends brought upslope compared to the rest of the fence to prevent runoff from going around the ends?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have all the gaps and tears in the fence been eliminated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the excavated soil backfilled and compacted against the fence on the upslope side?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the built up sediment reached 1/3 of the height of the sediment fence? If yes, remove sediment and make necessary fence repairs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disturbed Areas and Stock Piles				
Is the upslope run-off diversion of sandbags, fibre or geofabric that is in good working order (i.e. continuous barrier properly installed)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the stock pile located upslope of an appropriate sediment barrier (wall of sandbags, fibre or geotextile) that is in good working order (i.e. continuous barrier properly installed)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are stockpiles unlikely to be used for over 14 days or, if a heavy rain is imminent, been temporarily stabilized (wind and waterproof coverings held down by weights) in their entireties?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stabilization				
Has seed and mulch been applied at the proper rate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has seed or mulch blown away? If so, replace.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If rainfall has been inadequate, have seeded areas been watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there evidence of erosion on previously stabilized areas? If so investigate using other stabilization methods.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storm Water				
Do all operational storm sewer inlets have inlet protection in good working order (i.e. continuous barrier properly installed)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pollution Control				
Are fuel tanks and drums of toxic and hazardous materials stored within a diked area or trailer and away from any watercourse, ditch or storm drain?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notes				

If you are not able to check off all relevant boxes or have questions, please call the Town of Stratford (902-569-1995) OR visit our website for more information on all of these sediment control structures