

Construction Stormwater Site Inspection Form

Project Name Contract # 9698, SR 169 Permit # WAR309846 Inspection Date 12/21/2021 Time 9:00 am
Ravensdale Creek Fish Passage

Name of Certified Erosion Sediment Control Lead (CESCL) or qualified inspector if *less than one acre*

Print Name: Bob Cuskelly,

Approximate rainfall amount since the last inspection (in inches): 1.60" Onsite Rain Gauge.

Approximate rainfall amount in the last 24 hours (in inches): 0.23" Internet

Current Weather Clear ☐ Cloudy ☒ Mist ☐ Rain ☐ Wind ☐ Fog ☒

Overcast.

A. Type of inspection: Weekly ☒ Post Storm Event ☒ Other ☐

B. Phase of Active Construction (check all that apply):

Pre Construction/installation of erosion/sediment controls	<input type="checkbox"/>	Clearing/Demo/Grading	<input type="checkbox"/>	Infrastructure/storm/roads	<input checked="" type="checkbox"/>
Concrete pours	<input type="checkbox"/>	Vertical	<input type="checkbox"/>	Utilities	<input type="checkbox"/>
	<input type="checkbox"/>	Construction/buildings	<input type="checkbox"/>		<input type="checkbox"/>
Offsite improvements	<input type="checkbox"/>	Site temporary stabilized	<input checked="" type="checkbox"/>	Final stabilization	<input type="checkbox"/>

C. Questions:

1. Were all areas of construction and discharge points inspected?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
3. Was a water quality sample taken during inspection? (refer to permit conditions S4 & S5)	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
4. Was there a turbid discharge 250 NTU or greater, or Transparency 6 cm or less?*	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
5. If yes to #4 was it reported to Ecology?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
6. Is pH sampling required? pH range required is 6.5 to 8.5.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Sampling Results: All storm water appears clear and free of sheen with 100% infiltration at this time. Existing storm water ponds are empty, and there is no discharge at points named on permit. Ravensdale Creek and tributary appears clear.

Parameter	Method (circle one)	Result			Other/Note
		NTU	cm	pH	
Turbidity	meter				
pH	Paper, kit, meter				

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D. Check the observed status of all items. Provide "Action Required" details and dates.

Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
1 Clearing Limits	Before beginning land disturbing activities are all clearing limits, natural resource areas (streams, wetlands, buffers, trees) protected with barriers or similar BMPs? (high visibility recommended)	X					
2 Construction Access	Construction access is stabilized with quarry spalls or equivalent BMP to prevent sediment from being tracked onto roads?	X			Construction access is in good condition.		
	Sediment tracked onto the road way was cleaned thoroughly at the end of the day or more frequent as necessary.	X			No track out observed at this time.		
3 Control Flow Rates	Are flow control measures installed to control storm water volumes and velocity during construction and do they protect downstream properties and waterways from erosion?	X			BMP'S at unnamed tributary are functioning properly and tributary appears clear and free of sheen.		
	If permanent infiltration ponds are used for flow control during construction, are they protected from siltation?			X			
4 Sediment Controls	All perimeter sediment controls (e.g. silt fence, wattles, compost socks, berms, etc.) installed, and maintained in accordance with the Storm water Pollution Prevention Plan (SWPPP).	X			Perimeter sediment controls are in good condition.		
	Sediment control BMPs (sediment ponds, traps, filters etc.) has been constructed and functional as the first step of grading.	X					
	Storm water runoff from disturbed areas is directed to sediment removal BMP.	X					
5 Stabilize Soils	Have exposed un-worked soils been stabilized with effective BMP to prevent erosion and sediment deposition?	X			Exposed soils created from chevron sign installation have been stabilized using straw mulch at time of inspection.		

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Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
5 Stabilize Soils Cont.	Are stockpiles stabilized from erosion, protected with sediment trapping measures and located away from drain inlet, waterways, and drainage channels?			X	Stockpiles of soils have been removed from site.		
	Have soils been stabilized at the end of the shift, before a holiday or weekend if needed based on the weather forecast?	X					
6 Protect Slopes	Has storm water and ground water been diverted away from slopes and disturbed areas with interceptor dikes, pipes and or swales?	X					
	Is off-site storm water managed separately from storm water generated on the site?		X				
	Is excavated material placed on uphill side of trenches consistent with safety and space considerations?			X			
	Have check dams been placed at regular intervals within constructed channels that are cut down a slope?			X			
7 Drain Inlets	Storm drain inlets made operable during construction are protected.			X			
	Are existing storm drains within the influence of the project protected?	X			Below grate filter protection in existing storm drains within influence of project are in good condition.		
8 Stabilize Channel and Outlets	Have all on-site conveyance channels been designed, constructed and stabilized to prevent erosion from expected peak flows?	X					
	Is stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream conveyance systems?			X			
9 Control Pollutants	Are waste materials and demolition debris handled and disposed of to prevent contamination of stormwater?	X			Waste management receptacle is on site.		
	Has cover been provided for all chemicals, liquid products, petroleum products, and other material?	X					
	Has secondary containment been provided capable of containing 110% of the volume?	X					
	Were contaminated surfaces cleaned immediately after a spill incident?			X	55 gallon drum spill response kits are located near lay down area.		
	Were BMPs used to prevent			X			

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	contamination of stormwater by a pH modifying sources?						
Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
9 Cont.	Wheel wash wastewater is handled and disposed of properly.			X			
10 Control Dewatering	Concrete washout in designated areas. No washout or excess concrete on the ground.			X			
	Dewatering has been done to an approved source and in compliance with the SWPPP.			X			
	Were there any clean non turbid dewatering discharges?			X			
11 Maintain BMP	Are all temporary and permanent erosion and sediment control BMPs maintained to perform as intended?	X			Maintenance to plastic at North end of trail was performed on December 15 th .		
12 Manage the Project	Has the project been phased to the maximum degree practicable?	X					
	Has regular inspection, monitoring and maintenance been performed as required by the permit?	X					
	Has the SWPPP been updated, implemented and records maintained?	X					

E. Check all areas that have been inspected. ✓

All in place BMPs ☒ All disturbed soils ☒ All concrete wash out area ☐ All material storage areas ☒
 All discharge locations ☒ All equipment storage areas ☒ All construction entrances/exits ☒

F. Elements checked "Action Required" (section D) describe corrective action to be taken. List the element number; be specific on location and work needed. Document, initial, and date when the corrective action has been completed and inspected.

Element #	Description and Location	Action Required	Completion Date	Initials
11	Plastic at North end of trail.	Maintenance.	12/15/2021	BC

Attach additional page if needed

Sign the following certification:

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"I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"

Inspected by: (print) Bob Cuskelly (Signature) Bob Cuskelly Date: 12/21/2021
Title/Qualification of Inspector: CESCL ID# TIG-41919-01.



On site rain gauge since previous week's inspection.



Maintenance to plastic at trail, was performed last week.

Disturbed soils from sign installation have been stabilized using straw mulch at time of inspection.



All installed BMP'S are in good condition at this time.