

EPSC CONTRACTOR INSPECTION FORM

This form is to be completed by the Permittee's designee every 7 calendar days and within 24 hours of a 0.5 inch or greater rain event. Completed forms shall be kept on site at all times and made available to the MSD inspector upon request.

Section I- General Information

Project Name _____ **Site Disturbance Permit No.** _____

Inspected By _____ **Certification Number** _____

Name of Permittee _____

Contractor _____

Inspection Date _____

- Weekly Inspection**
- Rain Event Inspection** (greater than 0.5 inches in 24 hour period)
 Date of Rain Event _____ **Amount of Rain** _____ **Inches**

Stage of Construction (% complete) _____ %

Section II – Standard EPSC Inspection Items (Modifications by approval only)

Project Implementation	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Pre-construction meeting held prior to start of work.
<input type="checkbox"/>	<input type="checkbox"/> All BMPs installed per plan.
<input type="checkbox"/>	<input type="checkbox"/> Construction entrances installed at all points of site access.
<input type="checkbox"/>	<input type="checkbox"/> Creek crossings installed prior to land-disturbing activity, including clearing and blasting.
<input type="checkbox"/>	<input type="checkbox"/> Sediment/detention basin was installed as first land disturbing activity, if applicable.
<input type="checkbox"/>	<input type="checkbox"/> Sensitive features are adequately protected.

Erosion Prevention	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Construction is following the phasing and sequencing plan.
<input type="checkbox"/>	<input type="checkbox"/> Conveyance channels are stabilized per the plans.
<input type="checkbox"/>	<input type="checkbox"/> Temporary/final stabilization (seed/mulch) has occurred on all areas inactive for 14 days or more.
<input type="checkbox"/>	<input type="checkbox"/> For utility installations (pipe), trench disturbance without stabilization is less than 1,500 linear feet.
<input type="checkbox"/>	<input type="checkbox"/> Previously stabilized areas are being maintained.

Sediment Control	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Sediment control practices are located and installed correctly.
<input type="checkbox"/>	<input type="checkbox"/> BMPs are maintained per MSD specifications and plan guidelines.
<input type="checkbox"/>	<input type="checkbox"/> Stockpiles are stabilized and contained.
<input type="checkbox"/>	<input type="checkbox"/> De-watering operations prevent direct discharges to sensitive features.

Adverse Impacts or Off-Site Degradation**Yes No**

- Work is within the limits of the approved plans, including clearing and blasting.
- Adverse impacts – ponds, streams, wetlands and sinkholes are free of sediment from site.
- Off-site degradation - sediment is kept out of roadways, adjacent property, storm sewers, or air (dust)..

Section III – Specific BMP Inspection Items (Design to match approved EPSC plan)**Stabilized Construction Entrance****Yes No**

- Stone is clean enough to effectively remove mud from vehicles.
- Installed KTC. No. 3 Stone, 6-inch minimum depth laid on a geotextile fabric.
- Minimum length is 100 feet; minimum width is 14 feet (one way traffic) or 24 feet (two-way traffic).

Silt Fence**Yes No**

- Installed on contour, 10 feet from toe of slope (not across conveyance channels).
- Joints constructed by wrapping the two ends together for continuous support.
- Installed 2 x 2 inch hardwood posts, downstream side of flow, maximum 6 foot intervals.
- Fabric buried 8 inches.
- Posts are stable, fabric is tight and without rips or frayed areas.
- Sediment accumulation less is than 1/3 height of filter fabric

Reinforced Silt Fence**Yes No**

- Installed on Contour, 10 feet from toe of slope (not across conveyance channels).
- Joints constructed by wrapping the two ends together for continuous support.
- Installed steel posts, downstream side of flow, maximum 6 foot intervals with 6 x 6 inch 14 gage wire.
- Fabric buried 8 inches.
- Posts are stable, fabric is tight and without rips or frayed areas.
- Sediment accumulation less than 1/3 height of filter fabric.

Stone Bag Check Dam in Small Ditch**Yes No**

- Bag ties should be on downstream side of flow.
- Bags are placed up to level of top of bank.
- Bags create 3 – 6 inch dip in the middle of the structure to direct flow through the center.
- Bags are 18 1/2 inch x 28 inch woven polypropylene bags filled 1/2 to 2/3 with KTC No. 57 stone.
- Bags are in good condition (i.e., without holes or exposed rock).
- Sediment accumulation less than 1/3 height of check dam.

Stone Bag Inlet Protection**Yes No**

- 18 1/2 inch x 28 inch woven polypropylene bags fill with KTC No. 57 stone 1/2 to 2/3 full.
- Interweave bag ends to close gaps between bags and to seal bags.
- Installed 12-inch minimum height of bags around the inlet.
- Bags are in good condition (i.e., without holes or exposed rock).
- Sediment accumulation less than 1/3 height of structure.

Block and Gravel Drop Inlet Protection

Yes No

- Installed concrete blocks lengthwise so open ends face outward, not upward.
- Placed wire screen between No. 3 crushed stone and concrete blocks.
- Sediment accumulation less than 1/3 height of structure.

Gravel and Wire Mesh Inlet Sediment Filter

Yes No

- Placed 12 inches minimum of KTC No. 2 stone over the inlet.
- Stone extended beyond inlet opening 18 inches minimum.
- Sediment removed and gravel washed after each storm event.

Filter Fabric (Drop) Inlet Protection

Yes No

- Installed 2-inch x 4-inch wood frame and wood posts, with maximum 3-foot spacing.
- Filter fabric buried a minimum of 8 inches and secured to frame/posts with staples at max 8-inch spacing.
- Posts 3-foot maximum spacing between posts.
- Posts are stable, fabric is tight and without rips or frayed areas.
- Sediment accumulation is less than 1/3 height of filter fabric.

Excavated Drop Inlet Protection

Yes No

- Excavated depth is a minimum 1-foot, but no more that 2-feet maximum.
- Gravel supported by hardware cloth to allow drainage and restrict sediment movement.
- Excavated side slopes should be 2:1.

Ditch Check

Yes No

- Channel is without erosion (i.e., flow is not eroding soil underneath or around the structure).
- Check is in good condition (i.e., rocks have not been displaced and no permanent pools behind the structure).
- Sediment accumulation less than 1/3 structure height.

Temporary Sediment Trap

Yes No

- Outlet structure is constructed per the approved plan or drawing.
- Geotextile fabric has been placed beneath rock fill.
- Sediment accumulation less than 1/3 height of structure or less than level specified on approved plan.

Temporary Sediment Basin

Yes No

- Basin and outlet structure constructed per the approved plan.
- Basin side slopes are stabilized with seed/mulch.
- Sediment accumulation is less than the lowest opening in riser or less than level specified on approved plan.
- Drainage structure flushed and basin surface restored upon removal of sediment basin facility.

Temporary Stream Crossing	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Maximum number of 18-24-inch diameter pipes necessary to span creek without dredging are installed.
<input type="checkbox"/>	<input type="checkbox"/> Installed non-woven geotextile fabric beneath approaches.
<input type="checkbox"/>	<input type="checkbox"/> 20 feet minimum approach length, minimum 6 inch depth of rock, 18 inch maximum fill depth over pipes.
<input type="checkbox"/>	<input type="checkbox"/> Installed diversion dike/swale through both approaches 50 feet (max) from top of bank.
<input type="checkbox"/>	<input type="checkbox"/> Fill composed of clean shot rock or KTC Class III channel lining.
<input type="checkbox"/>	<input type="checkbox"/> Rock clean enough to remove mud from vehicles & prevent sediment from entering stream during high flow.

Pump Around Diversion	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Upstream and downstream berms (sandbags, inflatable dams, etc.) are installed per plan.
<input type="checkbox"/>	<input type="checkbox"/> Clean water from upstream pool is being pumped to the downstream pool.
<input type="checkbox"/>	<input type="checkbox"/> Sediment laden water from work area is being discharged to a silt-trapping device.
<input type="checkbox"/>	<input type="checkbox"/> Constructed upstream berm with one-foot minimum freeboard.

Vegetative Filter Strips	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Vegetation is dense and there are no signs of erosion.
<input type="checkbox"/>	<input type="checkbox"/> Width of filter strip is per the approved plan.
<input type="checkbox"/>	<input type="checkbox"/> Ground slope of filter strip is between 1% and 5%.

Level Spreader	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Installed per plan.
<input type="checkbox"/>	<input type="checkbox"/> Constructed on undisturbed soil, not on fill, receiving only clear, non-sediment laden flow.
<input type="checkbox"/>	<input type="checkbox"/> Flow sheets out of level spreader without erosion on downstream edge.

Interceptor Dikes and Swales	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/> Installed per plan with minimum side slopes 2H:1V or flatter.
<input type="checkbox"/>	<input type="checkbox"/> Stabilized by geotextile fabric, seed, or mulch with no erosion occurring.
<input type="checkbox"/>	<input type="checkbox"/> Sediment-laden runoff directed to sediment trapping structure

Section IV – General Notes and Necessary Maintenance (To be used on all forms)

➤ Note: Explain any necessary maintenance items that were checked “no” during inspection. All repairs and maintenance should be completed within 48 hours from the date of inspection.
