

Construction Site Inspection Checklist

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EOA, Inc.

Construction Inspection Workshop
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Inspection Checklist

- Required to track data on checklist electronically



SAN MATEO COUNTYWIDE
Water Pollution Prevention Program
Clean Water. Healthy Community.

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: _____ 1a. Current weather conditions: _____
2. Name of Project: _____ 2a. Project No./Permit No. _____
3. Project Address: _____
4. Inspection Type: ☐ Routine ☐ Follow-up ☐ Other
5. Permit Type: ☐ Building Permit ☐ Grading Permit ☐ Site Development ☐ CIP Project
6. Project disturb \geq 1 acre?: ____ (Y/N - If Yes, inspect monthly during wet season.) NOI Required: ____ (Y/N) SWPPP dated ____/____/____
Project covered under statewide Construction General Permit? ____ (Y/N) SWPPP on site? ____ (Y/N)
7. High Priority Site (significant threat to water quality)? ____ 7.a Hillside Project? ____ (Y/N - If Yes, inspect monthly during wet season.)
8. Project Type: ☐ Residential ☐ Commercial/Industrial ☐ Institutional ☐ Landscaping
☐ Utility (water, sewer, PG&E) ☐ Grading ☐ Demolition ☐ Street Improvement ☐ Other: _____

Illicit Discharge

- Evidence of Illicit Discharge?
- Look at the storm drain inlets and adjacent water body (if any)
- Illicit Discharge = all non-stormwater discharges not composed entirely of stormwater
- Common: paint, concrete washout, oil & grease
- How about sediment?

* A=Adequate, NM=needs maintenance, P=Problem(s), NA=Not Applicable

15. Is there an actual illicit discharge or evidence of illicit discharge to storm drain/discharge point? ☐ Yes ☐ No

16. Comments:

Illicit Discharge



Observe BMP Adequacy

	Inspection Finding (A / NM / P / NA)*	Location on site/Comments
9. Erosion Control Measures:		
<input type="checkbox"/> Jute Netting/Fiber Blankets		
<input type="checkbox"/> Mulch		
<input type="checkbox"/> Hydroseed/Soil binder/Compost blanket		
<input type="checkbox"/> Mark Areas to be Preserved		
<input type="checkbox"/> Tree Protection Fencing		
<input type="checkbox"/> Riparian Area Barrier		
10. Sediment Control Measures		
<input type="checkbox"/> Stabilized construction entrance		
<input type="checkbox"/> Street Sweeping		
<input type="checkbox"/> Dust Control		
<input type="checkbox"/> Wattles / Fiber Rolls / Compost Socks		
<input type="checkbox"/> Silt Fences / Compost Berms		
<input type="checkbox"/> Sedimentation Basin		
<input type="checkbox"/> Check Dams		
<input type="checkbox"/> Inlet Filters (Gravel bags)		
<input type="checkbox"/> Earth Dikes / Drainage Swales		
11. Run-on and Runoff Control		
<input type="checkbox"/> Earth Dikes / Drainage Swales		
<input type="checkbox"/> Sampling is conducted, if required		
12. Active Treatment System (if any)		
13. Good Site Management		
<input type="checkbox"/> Soil Stockpiles		
<input type="checkbox"/> Waste Systems Management		
<input type="checkbox"/> Construction Materials (wood, cement,...)		
<input type="checkbox"/> Hazardous Materials (paint, solvents)		
<input type="checkbox"/> Petroleum Products (oil, fuel)		
<input type="checkbox"/> Vehicle Servicing		
14. Non-Stormwater Management		
<input type="checkbox"/> Concrete/Stucco washout area		
<input type="checkbox"/> Architectural copper rinsewater		
<input type="checkbox"/> Other:		

* A=Adequate, NM=needs maintenance, P=Problem(s), NA=Not Applicable

Erosion Control

- **Keep sediment in place**

- Mobilized by wind, rain drops or stormwater runoff
- Slow flows to non-erosive velocity
- Protect exposed soil

- **Look at exposed soil**

- Active
- Protected

- **Check slopes**

- Proper BMP installation
- Signs of exposed soil
- Signs of erosion: sheet, rill or gully



Erosion Control

■ Soil binders

- Need 24 hrs to dry before rain
- Spray from two directions
- No visible soil (look from two directions)
- No visible rilling or gulleys



Erosion Control

■ Mats

- Top is trenched in
- Rolled out perpendicular to slope
- Ends overlapped
- Look for anchors
- No stretching
- No visible soil
- Condition



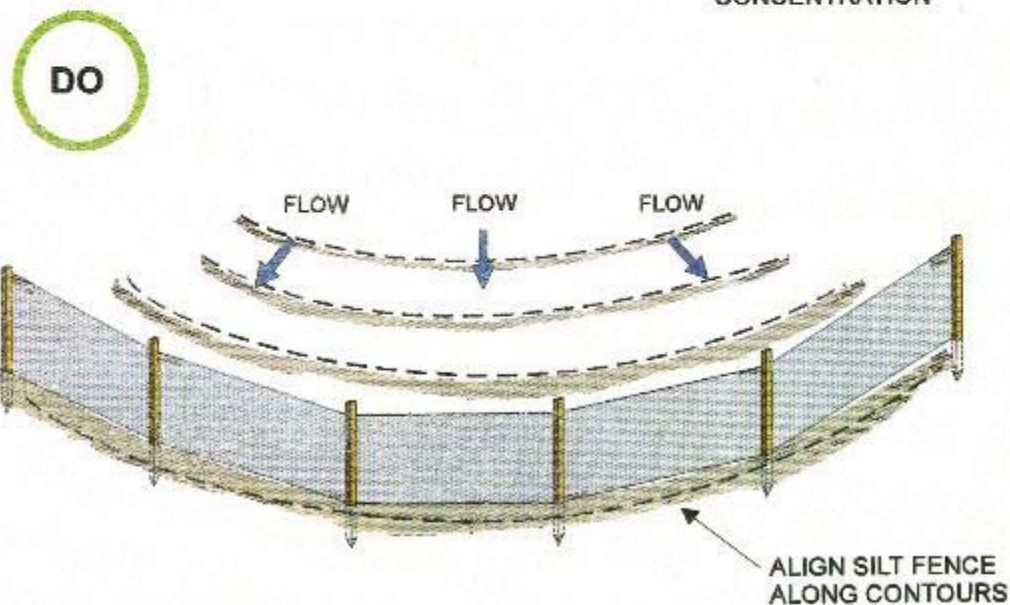
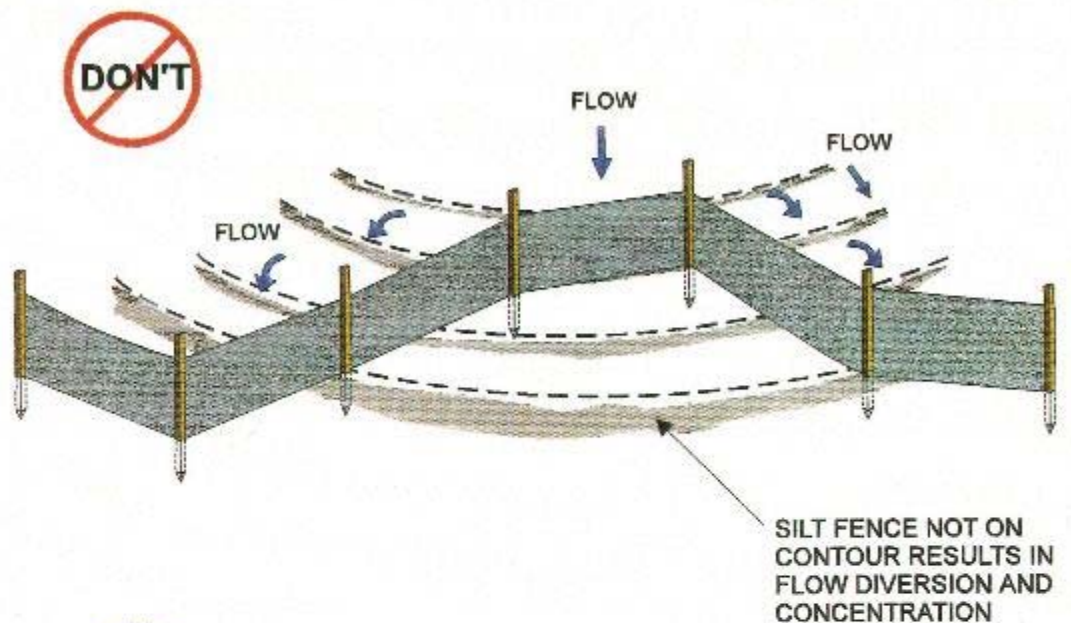
Sediment Control

- **Prevent transport of sediment off site**
 - Filter
 - Slow/stop flow and allow sediment to settle out
- **Look for places where sediment may leave the site**
 - Perimeter
 - Storm drains
 - Exits/Entrance
 - Water bodies on-site



■ Silt Fence

- Align with contours
- Bury bottom 6 inches
- Stakes on downslope
- Not for areas with concentrated flow
- Overlap ends
- Accumulated sediment removed



SILT FENCE

Fiber Roll/Straw Wattle

- Align with contours
- Ends turned upslope (height of roll)
- Trenched in
- Stakes on downslope side
- Weighted down if on impervious surface (i.e. gravel bags)
- No daylight (contact with ground)
- Not for high traffic areas
- Keep in good condition
- Overlap ends to connect



Fiber Roll/Compost Sock

- **Same as fiber roll but**
 - Don't need to trench in on slope
 - Don't need to weigh down on impervious surface



Inlet Protection

- Adequate to keep sediment out
- Locate around inlet based on direction of flow
- Good condition (do NOT use sand bags – if break cause discharge)
- Captured sediment/debris removed often
- Remove at end of job



Stabilized Exit

■ Look for:

- Track out
- Signs of other exits
- Aggregate
 - Geotextile under gravel
 - Appropriate coverage for size of site and vehicles
 - Appropriate sized gravel
 - Gravel embedded in dirt – needs maintenance
- Rumble Plates
 - Perpendicular to exit
 - Bolted down to prevent movement
 - Dirt/gravel filling in rumble plates



Stabilized Exit

■ Additional BMPs

- Street sweeping
- Wheel wash



Good Housekeeping

- **Keep stormwater from coming into contact with materials that can mobilize**
 - Elevated material storage
- **Keep materials from being exposed**
 - Cover dumpsters
- **Keep materials from leaking**
 - Preventative maintenance
- **Keep potential discharges from leaving the site**
 - Secondary containment

Good Housekeeping

■ Portable Toilets

- Flat even ground
- Secondary containment
- No water in secondary containment
- Placed away from storm drain inlets
- Ask about maintenance schedule

■ Equipment/Vehicles

- Stored and maintained off-site
- Drip pans, tarp, etc. placed under leaks



Good Housekeeping

■ Waste Management

- Dumpsters covered when not in use
- Overflowing trash/debris
- Litter problems

■ Stockpiles

- Covered when not in use
- Securely covered
- Protected from run-on
- Do not place in gutters
- Plastic sheets/tarps available



Non-stormwater Management

■ Concrete washout area

- Designated area
- Water tight
- Overfilled



Inspection Checklist

- Enforcement Action
- Time for problem resolution

17. Enforcement/Follow-Up	Date problem first identified: _____	Next follow-up inspection date: _____
Comments: _____		
Enforcement: <input type="checkbox"/> None/In compliance <input type="checkbox"/> Verbal Warning <input type="checkbox"/> Notice of Violation <input type="checkbox"/> Notice to Comply <input type="checkbox"/> Stop Work <input type="checkbox"/> Administrative Fine		
18. Resolution:	<input type="checkbox"/> Problem Fixed <input type="checkbox"/> Need More Time (include rationale in comments) <input type="checkbox"/> Escalate Enforcement Date resolve ____ / ____ / ____	
Was there rain with runoff after problem identified and before resolution? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Items corrected during inspection (see comments)		
Comments: _____		

Construction BMP Online Handbook

[Browse](#)

[Filter](#)

[Map](#)

Select a construction site element from the map, and scroll down to view the documents that contain best management practices information for those elements.



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