

Land Disturbance Checklist

Site Name:

Site Address:

MSOP Permit #:

Date of Inspection:

Site Contact:

Developer Name and Phone #:

STORMWATER POLLUTION PREVENTION PLAN

Yes No N/A

 Is the Stormwater Pollution Prevention Plan on-site and/or easily available?

• **Does the Stormwater Pollution Prevention Plan adequately address the following land disturbance Best Management Practices (BMPs)?**

- The physical description of the BMPs
- The site and physical conditions that must be met for effective use of the BMPs
- BMP installation/construction procedures, including typical drawings
- The operation and maintenance procedures for the BMPs
- Whether the BMP is temporary or permanent
- Where, in relation to other site features, are the BMPs to be located
- Schedule for installation of the BMPs, including phased development
- Schedule and requisite site conditions for removal of temporary BMPs

• **Does the Stormwater Pollution Prevention Plan adequately address the following additional BMPs as appropriate?**

Yes No N/A

- Solid and hazardous waste management including: providing trash containers and regular site clean up for proper disposal of solid waste such as scrap building material, product/material shipping waste, food containers, and cups
- Providing containers and proper disposal of waste paints, solvents, and cleaning compounds, etc.
- Provision of portable toilets for proper disposal of sanitary sewage

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Yes No N/A

- Storage of construction materials away from drainage courses and low areas
- Installation of containment berms and use of drip pans at petroleum product and liquid storage tanks and containers

PERMITTING

Yes No N/A

- Is the Land Disturbance Permit current and applicable to the site?
- Is a 404 and 401 Permit required (disturbance of defined drainage or watercourse)?
- If yes, have the 404 and 401 permits been obtained?
- Are all land disturbances and borrow areas on-site?
- If not, have separate permits been obtained for these sites?
- Has owner applied for a termination of the permit?
- If yes, does perennial vegetation, pavement, buildings, or structures using permanent materials, cover all areas that have been disturbed?
- Does the vegetation have a plant density of at least 70 percent, covering 100 percent of the site?

LAND DISTURBANCE AREAS

Yes No N/A

- Is any clearing/grubbing activities within 50 feet of a defined drainage or watercourse adequately stabilized within 5 days?
- Is mulch or other similar erosion control practices in place within 14 days after land disturbance ceases at a particular site? (7 days, if greater than 3:1 slopes or greater than 3 percent slope and 150 feet or longer)
- Are all disturbed areas physically inspected weekly and within 72 hours following a heavy rainfall event?
- Is written documentation of the inspections maintained, signed by the proper individual, and available?

SEDIMENT FENCES / STRAW BALES / OTHER BMP'S

- | Yes | No | N/A | |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are fences/bales/other BMP's installed in all appropriate areas? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are fence supports adequate? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are fences installed level (on contours)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are fences dug in? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are fences/bales/other BMP's installed in accordance with the SWPPP? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Have fences overtopped and has sediment been removed? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Has there been undercutting and channeling around stormwater checks? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is maintenance of BMPs adequate? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Have fences NOT been installed in stream channels? (These BMPs are only effective for sheet flow before it reaches the channel.) |

List any other types of BMPs used:

DETENTION BASINS

- | Yes | No | N/A | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are detention basins installed for disturbed sites greater than 10 acres? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Have temporary basins been installed at the beginning of grading? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are basins adequately sized for 2 year / 24 hour storm event? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Will the basin contain at least 0.5 inches of sediment and stormwater runoff from a 2-year, 24-hour storm? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are the BMP's for the discharge pipe properly installed (riprap or energy dispersion)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does the effluent structure on a dry basin design have a dewatering device to prevent sediment from flowing directly out at the bottom of the basin (NOT RETAINING SEDIMENT)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is sediment removal from the basin and around the discharge pipe adequate? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is a set aside area available for removal and drying of sediment? |

STREET STORMWATER INLETS

- | Yes | No | N/A | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are stormwater inlets protected by bales/fences/booms/others (street inlets and area inlets)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is sediment removed and inlet barriers maintained after rainfall events? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are obvious bypasses of inlet barriers evident? |

WATER QUALITY MONITORING

- | Yes | No | N/A | |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Was the receiving stream inspected? - if yes, name of stream: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Were there any water quality violations noted? (If yes, please specify observations) _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Was sediment from the facility observed in the receiving stream? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Were samples collected? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Do the results for settleable solids exceed a maximum of 2.5 ml/L/hr. for each stormwater outfall? |

RECOMMENDATIONS and COMMENTS

| | | |
|----------------|------|-----------------|
| Inspector Name | Date | Office Location |
|----------------|------|-----------------|