SWPPP Evaluation

# Missouri Department of Natural Resources

Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807

Phone: 417-891-4300 Fax: 417-891-4399

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| FACILITY INFORMATION | **PREPARED BY:** | | |
| Name of Facility: MO #: MO-R10  COUNTY | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **(Name) (Date)** | | |
| SWPPP Component | Yes | No | Comments |
| Facility identified. |  |  | Site Map |
| All outfalls identified |  |  | Site Map |
| All pollutant sources, storm water and non-storm water identified. (porta-pottys, fuel tanks, staging areas, waste containers, chemical storage areas, concrete cure, paints, solvents, other hazardous waste, storage of construction materials, etc.) |  |  | Site Map |
| Contains a physical description of the best management practices (BMP’s) both temporary and permanent. This should include how off site vehicle tracking will be addressed. |  |  | Narrative SWPPP |
| Explains site and physical conditions that must be addressed for effective use of the BMP’s |  |  | Narrative SWPPP |
| Describes BMP installation/construction procedures, including typical drawings. |  |  | Narrative SWPPP/Standard Drawings |
| Describes operation and maintenance procedures for the BMP’s chosen. Include a schedule for maintenance. |  |  | Narrative SWPPP |
| States whether the BMP is temporary or permanent. |  |  | Narrative SWPPP |
| Describes or shows where, in relation to other site features, the BMP’s are to be located. |  |  | Site Map |
| Details when the BMP will be installed in relation to each phase of the land disturbance procedures to complete the project and what site conditions must be met before the removal of the BMP’s if the BMP’s are not permanent. Includes a time schedule for this implementation. |  |  | Narrative SWPPP & Contractor Communications |
| States temporary stabilization details should areas be left undisturbed for more than 14 days. |  |  | Narrative SWPPP |
| States bench marks to be referenced for proper installation, as well as operation and maintenance of drainage course changes. Work in defined drainages or watercourses and their associated wetlands may require a permit from the U.S. Army Corps of Engineers pursuant to Section 404 of the federal Clean Water Act. |  |  | Narrative SWPPP |
| Discusses solid and hazardous waste management including trash containers. |  |  | Narrative SWPPP |
| Discusses proper sanitation methods (i.e. portable toilets). |  |  | Narrative SWPPP |
| Explains how the storage of construction materials will be kept away from drainage areas. |  |  | Narrative SWPPP |
| Describes the outlet control devices to be used. |  |  | Narrative SWPPP/Site Map |
| The SWPPP shall require a sedimentation basin for each drainage area with 10 or more acres disturbed at one time. The sediment basin shall be sized to contain a volume of at least 3600 cubic feet per each disturbed acre draining thereto. Accumulated sediment shall be removed from the basin as needed to ensure the minimum volume of 3600 cubic feet is maintained. Discharges from the basin shall not cause scouring of the banks or bottom of the receiving stream. The SWPPP shall require the basin be maintained until final stabilization of the disturbed area served by the basin. |  |  | Narrative SWPPP |
| SWPPP Component | Yes | No | Comments |
| Where use of a sediment basin of this size is impractical, the SWPPP shall evaluate and specify other similarly effective BMPs to be employed to control erosion and sediment delivery. These similarly effective BMPs shall be selected from appropriate BMP guidance documents authorized by this permit. The BMPs must provide equivalent protection.  The SWPPP shall require both temporary and permanent sedimentation basins to have a stabilized spillway to minimize the potential for erosion of the spillway or basin embankment. |  |  | Narrative SWPPP, Basins to be Shown on Site Map |
| The SWPPP shall be amended when appropriate. Field implementation shall match narrative and illustrated depictions. |  |  | Update Narrative SWPPP & Site Maps |
| The SWPPP shall contain a site inspection form and inspection log for use during weekly inspections or during storm water events. Inspections shall be performed once every 7 days or within 48 hours after a storm event that causes storm water runoff to occur **on site**. Qualified personnel shall perform inspections and authorized persons shall sign reports. The site inspection shall include (at a minimum): inspector’s name, date of inspection, observations relative to the effectiveness of the BMPs, actions taken or necessary to correct the observed problem, and listing of areas where land disturbance operations have permanently or temporarily stopped. The inspection report shall be signed by the permittee or by the person performing the inspection if duly authorized to do so. Copies of inspection reports shall be maintained for three years from the date permit coverage expires. |  |  | Narrative SWPPP EPG Form 806.8.10 (MoDOT Land Disturbance Inspection Records) & Inspection Records |
| The SWPPP shall indicate the portions of the project for which each operator has control over day-to day activities. |  |  | Site Map |
| Contractors shall be notified of the provision of the SWPPP and a copy shall be provided to all contractors or sub-contractors involved with pre-stabilization activities. A provision must be included to notify all applicable contractors of changes made to the SWPPP. |  |  | Narrative SWPPP |
| The owner as well as all relevant contractors and sub-contractors shall sign the SWPPP. |  |  | Contacts/Specs Say Environmental Laws will be Followed |
| **SITE MAP** | | | |
| In addition to the narrative portion of the SWPPP, a site map shall be included. The site map shall be a maximum of 1”= 200 feet. Applicable topographic lines shall be shown. The site map shall include: | | | |
| Drainage patterns and slopes anticipated before and after major grading activities are completed. |  |  | Site Map |
| Show offsite materials, waste, borrow or equipment storage area, surface waters. |  |  | Site Map (Only if Possible) |
| Boundary lines for land disturbance activities. |  |  | Site Map (Typically Slope Limits) |
| Existing and planned streets, buildings, lots, utilities, geographic features, buffer strips and waterways. |  |  | Site Map (Always on Plans) |
| All outfalls labeled. |  |  | Site Map |
| All BMP’s both temporary and permanent. |  |  | Site Map |
| All sedimentation basins. |  |  | Site Map |
| The map shall include a legend, which describes all symbols used. Whenever symbols fail to satisfactorily convey the requisite information, notes shall be used. |  |  | Site Map (See Fig. 806.8.9 Maps) |
| Comments: | | | |