

17005 STORMWATER CONTROL

PART 1 – GENERAL

The Contractor shall be responsible for compliance with the Missouri Department of Natural Resources Guidelines for stormwater and soil erosion control. The General Contractor's Superintendent shall record on a daily basis the following at a minimum.

1. Date
2. Weather
3. Precipitation Event (ie: Inches of Water, Snow, Etc.)
4. Air Temperature
5. Intensity of Precipitation (Inches per Hour)
6. Effectiveness of Erosion Control Structures
7. Types of Erosion Control Structures
8. Silt or Sediment Removal – Location and Amount
9. Photographs or Videos of Major Stormwater Events
10. Location of Silt and Sediment Relocation
11. Seed and Mulch Dates
12. Seed Rates (Pounds Seed/Acre)
13. Fertilizer Rates (Pounds per Acre)
14. Mulch Amount (Pounds Straw per Acre)
15. Actions taken to Repair or Improve Structure and Control Measures
16. Other Items required by Stormwater Permitting

PART 2 – REPORTING

- a. To help comply with the Missouri Department of Natural Resources Stormwater Permit, a general form may be utilized and kept on file for review by appropriate personnel. An example type of form is attached and may be used as a guide to help develop a form for this project.
- b. A map should be developed to correspond with the record sheet developed.
- c. Copies of the record sheet shall be provided to Engineer on a weekly basis and shall be kept at job site trailer in a file marked Stormwater and Erosion Control Records.

STORMWATER AND EROSION CONTROL RECORD SHEET

Date: _____

Day of Week: _____

Job Name: _____

Contractor: _____

Job Superintendent: _____

Weather: A.M. – Cloudiness _____ Temperature (°F) _____ Wind (mph) _____
P.M. – Cloudiness _____ Temperature (°F) _____ Wind (mph) _____

Precipitation: Type (ie: Rain, Sleet, Snow) _____
Amount (Inches) _____ Intensity (Inches/Hour) _____
Time and Date of Event _____
Other Notes: _____

Erosion and Stormwater Control Effectiveness:

- Effectiveness (Excellent, Good, Fair, Failure)
- Type of Structure (Silt Fence, Straw Bales, Basin, Etc.)
- Location of Structure – Provide Map or Sketch
- Amount of Silt Collected (ie: Cubic Feet, Cubic Yards, Tons, Etc.)
- Repair Improvements made to Structure (ie: Repair Fence, Etc.)
- Location of Silt Relocation from Structure (Provide Explanation, Sketch)

Structure No. 1: _____

Structure No. 2: _____

Structure No. 3: _____

Structure No. 4: _____

Structure No. 5: _____

Structure No. 6: _____

Structure No. 7: _____

Structure No. 8: _____

Structure No. 9: _____

Seeding and Mulching:

Date of Work: _____
Seed Rate: _____
Fertilizer Rate: _____
Mulch Rate: _____

Photographs or Videos Taken: _____

Other Notes or Comments: _____

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