



**ENGINEERING DIVISION STANDARD OPERATING
PROCEDURE**

**Construction Site Stormwater Runoff- Erosion/Sediment Control
During Construction Inspection(Residential)**

SOP Identification No: **SOP-Erosion 4.3R**

BMP No: **4.3R**

PURPOSE:

To provide uniform criteria for establishing that all erosion prevention and sediment control measures are in place and acceptable once work commences.

CONTACT:

Engineering Department

Telephone No. (816)-331-1852

Community Development

Telephone No. (816)-331-1803

PROCEDURE:

1) Construction sites will be inspected for erosion and sediment control compliance approximately every 14 days or within 24 hrs of a major rain event. Periodic inspection frequency may be adjusted in accordance with the contractor's compliance or non-compliance to the City's erosion and sediment control standards.

2) Complete the initial information on the **Erosion Control Inspection Checklist** and proceed to the construction site. A digital camera is required for documentation.

3) Document the current weather conditions and record any rainfall or snow melt that occurred within the last 3 days.

4) Record the permit number of the jobsite.

Complete the **Erosion Control Inspection Checklist**. Document discrepancies with photographs.

5) Inspect the stabilized construction entrance. This entrance shall consist of 2-3 inch course aggregate and shall be at a single location as indicated on the plot plan.

6) Conduct a perimeter inspection. Silt fence shall be a minimum 16 inches (maximum 34 inches) above the original ground surface and shall be trenched in at least 6 inches on the upslope side of the proposed lot. Posts shall be placed a maximum six (6) feet apart.

7) Inspect inlet protection, if applicable. Waddles are permitted and shall either fully encompass an area or yard inlet or at a minimum placed on the uphill side of a curb inlet.

8) Inspect any other BMP's noted on the plot plan. (Note: Some BMP's may require installation at a different phase or sequence in the project schedule).

9) If discrepancies or deficiencies are observed, notify the contractor and/or developer. The contractor is required to correct deficiencies within 48 hours and schedule a re-inspection.

10) File (Save) the Inspection Report and photo documentation.

11) Failure to install and/or maintain measures will result in an immediate stop work order being issued for the site. If the contractor fails to make the required improvements within 2 days after a stop work order has been issued, the city will order all needed improvements installed. A 'certificate of occupancy' will not be issued until the city is reimbursed for all costs incurred for the contractor/builder failure to install/maintain the measures. This timeline may be accelerated if deficiency is a matter of public safety.

DOCUMENTATION:

Erosion Control Inspection Checklist

APPLICABLE REFERENCE INFORMATION

1. APWA's *Single Family Residential Standard Design Booklet* (on City website)
2. City of Raymore Municipal Code Section 545.330
3. American Public Works Association/Mid-America Regional Council (APWA/MARC) *Manual for Best Management Practices for Stormwater Quality, October 2012 Edition.*