



**ENGINEERING DIVISION STANDARD OPERATING
PROCEDURE**

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

SOP Identification No: SOP-Erosion 4.2R

BMP No: 4.2R

PURPOSE:

To provide uniform criteria for establishing that all erosion prevention and sediment control measures are in place and acceptable prior to commencement of work.

CONTACT:

Engineering Department

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Community Development

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PROCEDURE:

- 1) The Contractor is required (at a minimum) to have all perimeter erosion control, inlet protection and construction entrance installed prior to any land disturbance.
- 2) When a contractor schedules a pre-construction inspection, obtain a copy of the approved plot plan from Building Inspection.
- 3) Note if any other BMP's (Best Management Practices) have been designated for this plot (Concrete washout, rock checks...etc).
- 4) Complete the initial information on the **Erosion Control inspection Checklist** and proceed to the construction site. A digital camera is required for documentation.
- 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 no discrepancies are noted, the contractor can begin grading operations. If any changes are needed, notify the contractor and/or developer. The contractor is required to schedule a re-inspection.

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

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.*