Linear Construction

RBF Consulting
Linear Construction

- 2010 CGP Attachment A: Linear Underground/Overhead Projects (LUP)
- Definition: construction of conduits, substructures, pipelines, towers, poles, cables, wires, connectors, switching, regulating and transforming equipment and associated ancillary facilities
- Previous linear construction permit
Urban
Rural
Long Linear
How is Linear Construction the Same?

- Disturbed area one acre or more requires a permit.
- Linear projects must conduct Risk Assessment.
- SWPPP (Risk 1, 2, 3).
- REAP (Risk 2 and 3).
- Risk 1, 2, 3 = LUP Type 1, 2, 3.
- Training requirements for QSD and QSP.
How is Linear Construction Different?

- Project owner may sign NOI, even if not the property owner
- A single project may cross several RB boundaries
- May break project into segments for permitting; segments may have different Risk Levels
- Risk assessment for RW risk follows a flow chart
### Linear Project Overall Risk

<table>
<thead>
<tr>
<th>Receiving Water Risk</th>
<th>Project Sediment Risk</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low</td>
<td>Medium</td>
</tr>
<tr>
<td>Low</td>
<td>Type 1</td>
<td>Type 1</td>
</tr>
<tr>
<td>Medium</td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td>High</td>
<td>Type 2</td>
<td>Type 3</td>
</tr>
</tbody>
</table>

Two ways to be Type 1 Project:

1. 70% or more of construction on paved surface and disturbed areas are returned to preconstruction conditions daily

2. Using chart above following risk assessment process
Linear Project Risk Assessment

- **Step 1:** Follow the flow chart in Attachment A.1.
  - Projects in highly urban areas are automatically Type 1

- **Step 2:** Proceed through the flow chart to determine Receiving Water Risk for each segment.

- **Step 3:** Calculate Sediment Risk for each segment using Attachment C worksheet
Common LUP Activities

- Tower construction
- Maintenance roads
- Cut and fill
- Temporary laydown yard
- Local resident recreation
Common LUP BMPs

- Erosion Control
  - Hydroseed/tackifier
  - Rolled erosion control products

- Sediment Control
  - Fiber roll
  - Silt fence
  - Gravel bags

- Access Road Controls
  - Water bar
  - Gravel
Questions