Utah Storm Water Program

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Utah DWQ
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International Erosion Control Association (IECA)
# Utah Storm Water Program

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Arid
Municipal SW Permits

- Salt Lake City
- Jordan Valley Municipalities
- General Permit for Small MS4s ***
- Utah Department of Transportation (UDOT)

- UTS000002
- UTS000001
- UTR090000
- UTS000003
MS4 Post Const. Standard

- 90th Percentile…maintain SW management practices so that rainfall events up to the 90th percentile do not discharge off the site...
  - every event under 0.6 inches

- LID …the program shall include a process which requires the evaluation of a Low Impact Development (LID) approach which encourages the implementation of BMPs that infiltrate, evapotranspire or harvest and use storm water from the site to protect water quality.
Industrial Permits

- Phase I
  - Inventory
  - Inspection (1/term, high priority more)
  - Keep tabs on
- Phase II
  - No current permit requirement
Construction Permits Available

- **Common Plan Permit** (Issued Feb. 1)
  - One Acre Max
  - Residential Construction (not only CPoD)
- **General Construction Storm Water Permit (CGP)**
  - All construction activity in Utah (except Indian Country)
Stabilization Requirements for 20 “

• 20 inches of annual rainfall or more: …a uniform perennial vegetative cover of 70% (e.g., evenly distributed, without large bare areas) of the natural background vegetative cover …
Stabilization Requirements

• 40 CFR 450.21(b): “...In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as specified by the permitting authority...”
Stabilization Requirements Arid & Semi-Arid

- Arid & Semi-Arid Areas
  - No stabilization on visually flat (5%, 2.3 degrees, 20:1)
  - Areas flat to 20% (5:1, 11.3 degrees), velocity control devices spaced to prevent erosion.
  - Over 20%, non-vegetative stabilization (mulch, bark, wood chips, compost, geogrids, erosion blankets, etc.), the steeper the more robust the method.
Questions?

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