



UTAH DEPARTMENT of
ENVIRONMENTAL QUALITY
WATER
QUALITY

Utah Storm Water Program

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Utah DWQ

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International Erosion Control Association (IECA)

Utah Storm Water Program

- SW Program
- Municipal
- Industrial
- Construction
- SW Data Base
- ESO
- 92 MS4s
- New Post Const. Standards
- Coordination
- Multi-Sector Permit
- 2 Permits
- 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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