Adventures in Construction Observation

2017 UDFCD Annual Seminar

Mike Sarmento, SET, CFM
Senior Construction Manager
Watershed Services
MEP Construction Observation

• MEP CO to ensure conformance w/approved plans/specs
• Currently ~ 60 projects
• Limited role, large area
• CO a learning process; works both ways!
Trying to get ahead of the curve!
Drop Structures: Subgrade

Protecting People, Property, & the Environment
Drop Structures: Subgrade
Drop Structures: Water Control

Protecting People, Property, & the Environment
Drop Structures: Subgrade

Protecting People, Property, & the Environment
GSB/Sculpted Drops: Perimeter Grouting
GSB/Sculpted Drops: Perimeter Grouting

Protecting People, Property, & the Environment
Drop Structure Cutoffs
Drop Structure Cutoffs

Protecting People, Property, & the Environment
Grout Cutoff: Keyways

Protecting People, Property, & the Environment
Grout Cutoff: Keyways

Protecting People, Property, & the Environment

15
Grouting

Protecting People, Property, & the Environment
Grouting

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Protecting People, Property, & the Environment
Materials: Boulders & Riprap
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Other Issues
Other Issues: Exceptions
Other Issues
Installation Pointers: 2 x 4 Rule
Installation Pointers: 360° Rule

Protecting People, Property, & the Environment
Storm Sewer Outfalls & Rundowns
Storm Sewer Outfalls & Rundowns

Protecting People, Property, & the Environment
Teachable Moments
Teachable Moments

Protecting People, Property, & the Environment
Teachable Moments

Protecting People, Property, & the Environment