Going with the Flow

Pretreatment Program Accepting Stormwater

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Director, Toxic Reduction and Control
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161 Acre Thoroughbred Horse Racing Facility
East Boston, Massachusetts
The Facility Includes:

- 32 Stable Buildings
- Approximately 1200 Horse Stalls
- Feed and Manure Storage Areas
- Dead Animal Storage Areas
- Animal Walkways
- Associated Areas
Regulations Imposed

EPA FED CAT 40 CFR 412
Concentrated Animal Feeding Operation (CAFO)

MWRA Category 1 SIU Permit
• proposed discharge flows (>25,000 GPD)
• reporting requirements
• pretreatment
• Standard Permit Conditions
• Compliance with Nutrient and Storm Water Mgmt Plan
• Compliance with EPA’s Permit and Consent Decree

• Flow Level Sensor in Downstream Sewer with auto-shut off
• Indemnification of MWRA and BWSC
New Process Wastewater Management System
(Nutrient & Storm Water Management Plan)
New Process Wastewater Management System
(Nutrient & Storm Water Management Plan)
STORAGE POND DETAIL
Massachusetts Water Resources Authority

A WIN-WIN for EVERYONE