Maintenance Procedures: OEPA Alternative BMPs for Post Construction Storm Water Quality Controls
Why should we care about storm water pollutants?

Lake Erie Satellite Photo, Source: NOAA Coast Watch
Why should we care about storm water pollutants?

West Lake Erie Algal Bloom, Source: Sierra Club
Approximately 80% of all sites will have land-based, vegetated storm water treatment!
Grassed Linear Bio-retention
Bio-Infiltration Ditch
Alternative Storm Water BMPs

- Urbanized settings
- Manufactured or Pre-fabricated
- Buried applications
- Often requires a vacuum truck for maintenance
Stormwater Management StormFilter®
StormFilter with Upstream Volume Control
Beachwood, Ohio - 2010
Beachwood, Ohio - 2010
StormFilter Maintenance

- Regular inspection intervals
- Filter replacement and vault cleaning
- Documentation and reporting
Regular Inspection Intervals
StormFilter Maintenance with Vacuum Truck
Documentation & Reporting

- Date maintenance performed
- Quantify amount of sediment removed from BMP
- Describe other maintenance items
- Explain pollutant disposal methods
Examples of Other Manufactured BMPs

![Image of manufactured BMPs](image-url)
Examples of Other Manufactured BMPs
Examples of Other Manufactured BMPs

- Diversion Weir
- Oil Baffle (over outlet pipe)
- Separation Chamber
Examples of Other Manufactured BMPs
Examples of Other Manufactured BMPs
Examples of Other Manufactured BMPs
Questions from Audience