



Treat water anywhere with an ecoStorm® plus portable unit

Target pollutants

- Total Suspended Solids (TSS)
- Total and soluble nutrients (phosphates)
- Total and dissolved heavy metals (lead, zinc, cadmium, copper, chromium and nickel)

Possible portable uses

- Treatment of stormwater drainage – new construction
 - Parking lots
 - Industrial manufacturing facilities
 - Commercial/retail developments
 - Municipal/residential drainage improvements
 - Transportation/maintenance facilities
- Upstream pre-treatment of stormwater prior to detention, water quality, or infiltration facilities
- Treatment of metal roof runoff
- Pond or lake nutrient removal (barge-mounted)
- Pond or lake nutrient removal on golf courses (pump to unit on shore)
- Treatment of construction site stormwater runoff per NPDES requirements
- Construction site water quality treatment



ecoStorm plus (upstream) working in conjunction with a PH adjustment technology (pHAT) box (downstream) in a major downtown construction dewatering site.

Performance

- >80% removal of TSS (Sil-Co-Sil 106)
- >70% zinc (Zn) reduction
- >80% lead (Pb) reduction
- >70% copper (Cu) reduction
- >70% phosphorus reduction



ecoStorm plus with upstream storage tank on new construction dewatering site with direct discharge to sanitary sewer.



ecoStorm plus unit without filter (right side) used as an upstream holding tank. ecoStorm plus unit with filter (left side) used to treat dewatering prior to direct discharge into an existing storm sewer.



Installation of block segments inside portable unit.



Portable unit filter ready for service.