

EXCAVATION & DEWATERING SERVICES

EXCAVATION

United Storm Water provides specialized excavation services including those requiring supplied air in confined spaces, yielding exceptional results in the following areas:

- Full Service Excavation of Lakes & Waterways
- Engineered Lake Projects
- Remediation, Transportation & Disposal of Contaminated Soils
- Tunnels
- Culverts
- Storm Drain Channels
- Potholing (Air- & Hydro-Excavation)



DEWATERING

United Storm Water has been permitted with a Transportable Treatment Unit (TTU) Permit by Rule per the California Department of Toxic Substances Control for dewatering sludge. During the dewatering process, sediment and waste material is separated from water using a filtration liner within the specially designed roll-off bin.

The filtration liner allows the liquid phase of the sludge to escape via a discharge valve located near the bottom of the roll-off bin. The need for solidification agents, additional equipment and labor is eliminated. These benefits, in addition to reduced disposal volumes, result in huge cost savings. After the liquids have been removed, the solids remain in the container within the filtration liner and is ready for disposal.



Applications

- Pond Sludge
- Industrial Sludge
- Storm Water Drain & Ditch Sludge
- Waste Product Washing Sludge
- Most Waste Streams Requiring Solidification

Specifications

- Treats 20 cu yd, or 4,500 gal
- Produces 30-40% waste reduction (based on liquid to solid ratio)
- Retains 97% of heavy metals, total suspended solids and petroleum hydrocarbons
- Expelled water is typically compliant with National Pollutant Discharge Elimination System (NPDES) and Clean Water Act regulations

