

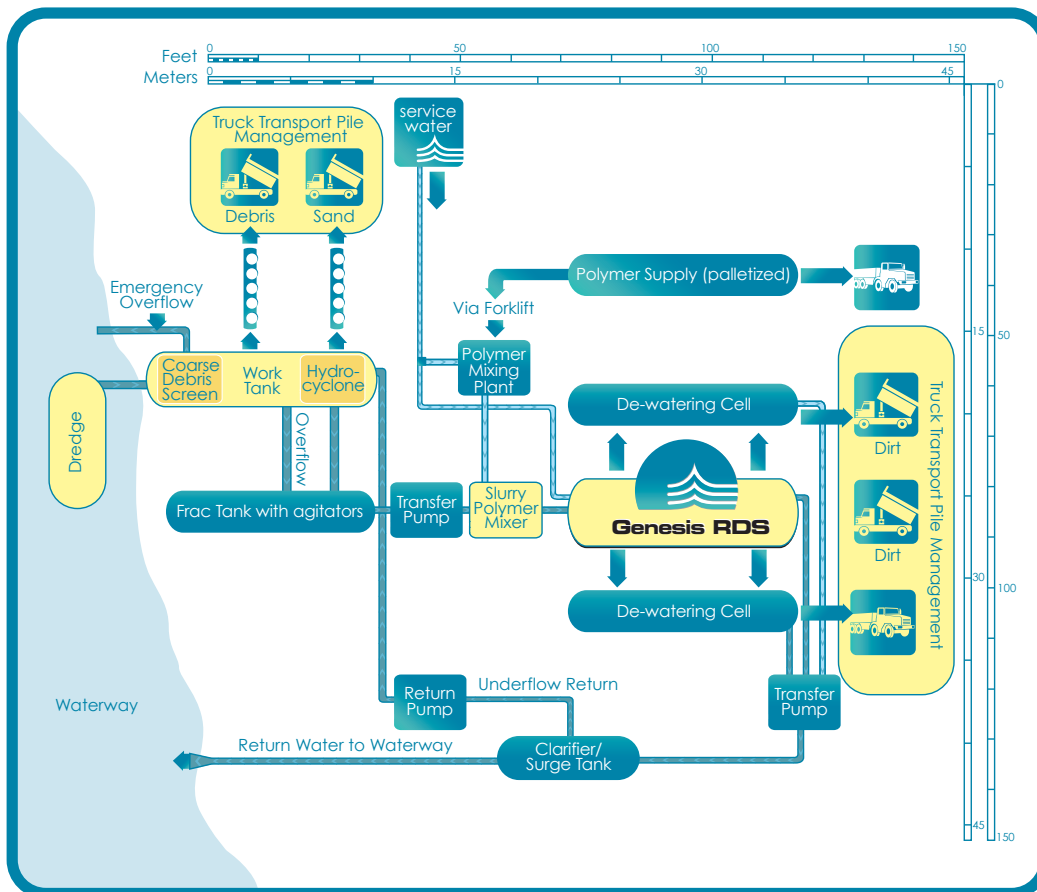


The Genesis Rapid Dewatering System

The unique, patented Genesis Rapid Dewatering System (RDS) is the only sediment dewatering method in the world today that can process hydraulically dredged sediment at a rate that matches the dredge output. While many processes can quickly dewater sand and gravel from a dredged slurry, only the Genesis system is designed to rapidly dewater fine grained sediments instantly and on-site. The three step process begins when the hydraulically dredged material is pumped directly into the Genesis system:

- First, the system removes and sorts large material, such as shells and debris, and sand.
- Specially matched polymers are then mixed with the fine-grained sediment slurry to flocculate the sediments.
- The water is removed from the flocculated sediments on the Genesis Rapid Dewatering System (RDS).

Depending on the desired water content, the sediment can be further dewatered on site in small, uniquely designed cells by capillary action and suction.





A Paradigm Shift to High Speed Dewatering Saves Time and Money

Unique to Genesis, the RDS can keep pace with the dredge flow on a one-to-one basis. The process can result in a significant cost savings when compared to other material or land intensive dewatering methods. The advanced technology of the Genesis system produces dewatered sediment in easily reusable forms. Sand and dirt, which are sorted in separate piles, can be used on-site or trucked away for reuse elsewhere.

With its Small Footprint, Genesis is Mobile and Easy to Transport

Ideal for urban settings, the entire Genesis system fits on a site of 150 ft x 150 ft or less and is truckable. With Genesis, areas that could not be effectively dredged in the past, due to lack of land for a dewatering facility, can now be effectively and affordably dredged.

Looking After the Environment

Genesis saves ecosystems from deforestation and destruction by eliminating the need for large tracts of land for dewatering. The environment has the added benefit of clear water returning instantly to the waterway at the end of the process. Return water has turbidity levels of less than 30 ppm of total suspended solids.

About Genesis

Founded by an elite team of chemists and engineers, Genesis grew from a U.S. based operation to the international leader in rapid dewatering technology. Headquartered in Colorado Springs, the company has become integral to waterway restoration projects in a wide range of public and private sectors worldwide, including regional watersheds, recreational waterways, and industrial applications.

Contact Us

Genesis Fluid Solutions, Ltd.
6660 Delmonico Drive, Suite 242-D
Colorado Springs, CO 80919

Tel. 719.359.5215

www.genesisfluidsolutions.com

