

# Minnesota Dredging

**Marine Tech, LLC** is currently working on a wetland restoration project under the *Tallas Island Compensatory Mitigation Project/Winter Work* contract. The project involves dredging a silt, sand, clay mixture of alluvial deposits to reestablish suitable bathymetry for fish spawning and habitat.

Dredged material is set aside for later transport and use as environmental media on the nearby **St. Louis River/Interlake/Duluth Tar (SLRIDT) Site**. After placement at the SLRIDT site, a former coal tar superfund site, environmental media will promote aquatic plant life and fish habitat as the final step in a remediation and mitigation process spanning three decades. Site owner **XIK Corp.**, in conjunction with construction manager **Hard Hat Services, Inc.**, hired Marine Tech, LLC for their knowledge and experience in environmental remediation projects.



Substantial vegetation and weed growth at the Tallas Island site create challenges while trying to extract the environmental media. During summer months the Tallas Island area is mostly marsh and lowland covered with cattails; access is near impossible without floatation tracked vehicles. Excavation of underlying dredged material first requires removal of a 3.0"-24" vegetation layer. Marine Tech, LLC determined that the most cost effective method of vegetation removal requires exploitation of the cold northern climate in Duluth, Minnesota (MN) and working off of frozen marsh and ice. Work activities started with building frost roads in mid-January to support heavy equipment. In February 2010, excavators were mobilized to remove vegetation for transport offsite. Successful removal of vegetation during winter months also affords the opportunity to stockpile environmental media for dredging after spring thaw. [www.marinetechduluth.com](http://www.marinetechduluth.com) ○

## NEW DREDGE SPECIALS AT DMC

10-INCH MODEL HPC-250 MSP  
35'X14' HULL, CAT POWER...

10-INCH MODEL HPC-250 MSPS  
3-SECTION HULL, CAT POWER  
(TRANSPORTABLE IN CONTAINERS)

12-INCH MODEL HPC-300-SP  
3-SECTION HULL, CAT POWER

16-INCH MODEL HPC-400-SP  
3-SECTION HULL, CAT POWER

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