



C:\Projects\Onondaga Lake_SMU\USF\Figure\Preferred Remedy_SMU-1 (11-24-04).mxd - 11/24/2004 @ 2:28:19 PM

NOTES

Bathymetric contours are at 1-meter intervals based on current bathymetry

All listed depths based on estimated post-remediation bathymetry unless otherwise noted

Habitat enhancement would also include placement of large woody debris structures in water depths between 4 and 15 feet to provide cover and increase foraging opportunities for fish.

Alternative 4.A.4 - Dredging to Remove 25% (2 meter depth average) of the In-Lake Waste Deposit plus Hot Spots / Isolation Capping to Mean PECQ1 plus Mercury PEC

- Area Dredged to Maximum Habitat Depth after Capping (to current 13.5' depth, 61.9 ac)
- Sand - Recreational / Habitat Buffer Area Over Isolation Cap (shoreline to 20' offshore, 1.9 ac)
- Sand - Submerged Macrophyte / Benthic Area Over Isolation Cap (20' offshore - 6' depth, 5.8 ac)
- Fine Gravel - Fish Spawning Habitat Over Isolation Cap (6' depth to 15' depth, 57.3 ac)
- Sand - Benthic Substrate Area Over Isolation Cap (15' depth - 29.5' (9m) depth, 19.8 ac)
- Wetland
- Boundary of Theissian Polygon Surrounding Sample Location
- Wastedbed B / Harbor Brook IRM Barrier Wall (part of IRM, location is conceptual. Dashed section is conceptual)
- Sample Location

PREFERRED REMEDY FOR SMU 1

Onondaga Lake
Syracuse, New York