

**ONONDAGA LAKE SUBSITE PROPOSED PLAN – LAKEWIDE ALTERNATIVES**

	Lakewide Alternative 1	Lakewide Alternative 2	Lakewide Alternative 3	Lakewide Alternative 4	Lakewide Alternative 5	Lakewide Alternative 6	Lakewide Alternative 7
Cleanup Criterion	No Action	Mean PEC Quotient of 1 and Mercury PEC	Mean PEC Quotient of 1 and Mercury PEC	Mean PEC Quotient of 1 and Mercury PEC	Mean PEC Quotient of 1 and Mercury PEC	Mean PEC Quotient of 1 and Mercury PEC	ERL
<b>Description</b>	Lakewide Alternative 1 consists of No Action and is retained as a baseline condition per the NCP.	Lakewide Alternative 2 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 2 – Dredging for NLSA and H&amp;E and Targeted Dredging to 4 Meter Depth (for NAPL Removal) / Capping / Habitat Optimization</li> <li>SMU 3 – Habitat Enhancement / Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 4 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 6 – Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 7 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 8 – Phased Thin-Layer Capping to Mean PECQ1, Mercury PEC and BSQV / Aeration (Oxygenation) / MNR</li> </ul>	Lakewide Alternative 3 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 – Dredging to Remove 25 percent of the ILWD /Capping / Habitat Optimization</li> <li>SMU 2 – Dredging for NLSA and H&amp;E and Targeted Dredging to 4 Meter Depth (for NAPL Removal) / Capping / Habitat Optimization</li> <li>SMU 3 – Habitat Enhancement / Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 4 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 6 – Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 7 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 8 – Phased Thin-Layer Capping to Mean PECQ1, Mercury PEC and BSQV / Aeration (Oxygenation) / MNR</li> </ul>	Lakewide Alternative 4 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 – Dredging to 2 Meter Depth with Removal in Hot Spot Areas / Capping / Habitat Optimization</li> <li>SMU 2 – Dredging for NLSA, H&amp;E and Targeted Dredging to 9 Meter Depth (for NAPL Removal) / Capping / Habitat Optimization</li> <li>SMU 3 – Habitat Enhancement / Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 4 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 6 – Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 7 – Dredging for NLSA, and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 8 – Phased Thin-Layer Capping to Mean PECQ1, Mercury PEC and BSQV / Aeration (Oxygenation) / MNR</li> </ul>	Lakewide Alternative 5 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 – Dredging to 5 Meter Depth / Capping / Habitat Optimization</li> <li>SMU 2 – Dredging for NLSA, H&amp;E and Targeted Dredging to 9 Meter Depth (for NAPL Removal) / Capping / Habitat Optimization</li> <li>SMU 3 – Habitat Enhancement / Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 4 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 6 – Dredging for NLSA and H&amp;E and Targeted Dredging / Capping / Habitat Optimization</li> <li>SMU 7 – Dredging for NLSA and H&amp;E / Capping / Habitat Optimization</li> <li>SMU 8 – Phased Thin-Layer Capping to Mean PECQ1, Mercury PEC and BSQV/ Aeration (Oxygenation) / MNR</li> </ul>	Lakewide Alternative 6 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 - Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 2 – Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 3 – Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 4 – Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping to Mean PECQ1 / Habitat Optimization</li> <li>SMU6 – Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 7 – Full Removal (Dredging to Mean PECQ1 and Mercury PEC)</li> <li>SMU 8 – Phased Thin-Layer Capping to Mean PECQ1, Mercury PEC and BSQV / Aeration (Oxygenation) / MNR</li> </ul>	Lakewide Alternative 7 consists of the following remedial activities on a SMU-specific basis: <ul style="list-style-type: none"> <li>SMU 1 – Full Removal (Dredging to ERL)</li> <li>SMU 2 – Full Removal (Dredging to ERL)</li> <li>SMU 3 – Full Removal (Dredging to ERL)</li> <li>SMU 4 – Full Removal (Dredging to ERL)</li> <li>SMU 5 – Habitat Enhancement / Dredging for NLSA and H&amp;E / Capping to ERL / Habitat Optimization</li> <li>SMU 6 – Full Removal (Dredging to ERL)</li> <li>SMU 7 – Full Removal (Dredging to ERL)</li> <li>SMU 8 – Thin-Layer Capping to ERL / Aeration (Oxygenation)</li> </ul>
<b>Capped Acres Total Littoral/ Profundal</b>	0	579 425/154	579 425/154	579 425/154	579 425/154	214 60/154	2,329 349/1,980
<b>Dredged Volume (cy)</b>	0	1,207,000	1,868,000	2,653,000	3,724,000	12,184,000++	20,121,000++
<b>Capping &amp; Dredging Duration (Years)</b>	0	4	4	4	4	10	17
<b>Total Cost</b>	\$0	\$312,000,000	\$370,000,000	\$451,000,000	\$537,000,000	\$1,327,000,000++	\$2,157,000,000++