

Details related to the subsequent inspection and maintenance of the restored areas are included in the Post-Removal Site Control Plan and Restoration Project Monitoring and Maintenance Plan for Silver Lake Area (PRSCP/RPMMP) provided in Appendix I to this Revised Final Work Plan.

6.6 Remediation Activities Related to Sediments and Cap Installation

As required in the SOW, prior to capping activities, 400 cy of sediment in the northeast corner of the lake will be removed. In addition, several sediment and lower bank soil removal activities will be performed to facilitate installation of the sediment cap and armor stone. These activities include:

- Removal of miscellaneous debris to facilitate cap placement;
- Removal of a total approximately 1,150 cy of sediment material along the shoreline at the Fourth Street outfall to the lake (SL-OF-22) and the existing active PEDDA outfall to the lake (SL-OF-08), and to facilitate the installation of the cap and armor system in various other near-shore areas; and
- Removal of approximately 80 cy of lower bank soil material along the shoreline to facilitate installation of the cap and armor system.

This section describes the proposed sediment/soil and debris removal activities to be performed prior to capping. It then describes the capping and related activities to be performed at the shrub-scrub island, followed by a description of the capping of the lake and the armoring to be placed around the shoreline. A description of the potential extent of consolidation assumed for specific sections along the shoreline, as well as the implications of those assumptions for the respective shoreline armor system designs and sediment removal, is included in Appendix J.

6.6.1 Debris Removal

As discussed in the Sediments PDI Report (BBL 2004a), a side-scan sonar survey was conducted within Silver Lake to identify specific features of the lake bottom that may interfere with cap placement. This section presents the results of the side-scan sonar survey, as well as anticipated methods to be used to remove certain debris identified by the survey.

6.6.1.1 Side-Scan Sonar Survey

A side-scan sonar survey was performed in June, 2003 to provide a graphical representation of the debris present on the lake bottom. A discussion of the side-scan



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Design/Removal Action Work Plan for
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