



Lake Utah

Bathymetric & Geophysical Survey

Restoration of Lake Utah

January 2019

ArcDMC Sediment Solutions, LLC of Melbourne, Florida (FL) has been selected by the Utah Lake Restoration Project, Inc. to perform a bathymetric and geophysical survey of Lake Utah, located in the Utah Valley, North Central Utah (UT).



The purpose of this project will remediate excess phosphorus and nitrogen lake sediments, restore water quality and ecosystems in Utah Lake. Following successful staged environmental remediation metrics, the project will commence construction of several islands to establish the first LEED City to be built from concept in the USA.

Lake Utah is approximately 24 miles long and 8 miles wide (192 square miles +/-) with water depths of 0 to 15 feet. ArcDMC will provide Utah Lake Restoration Project, Inc. not only with bathymetric surveys describing the existing water depths of the lake but also with geophysical surveys exploring the subsurface geology using the Aquares resistivity method to provide geological information to be used in foundation design and enable optimization of the dredging operations. The restoration of Lake Utah will be the largest fresh water lake dredging project in US history. Current plans envision excavating 1 billion yd³ during an eight to 10 year dredging program.

ArcDMC is proud to be a part of this science-based plan that supports full restoration of the Lake, plants and wildlife while also providing an environment where Utah residents can live, work and recreate. For more information regarding this amazing and innovative project visit www.utahlakerestoration.com

For information regarding ArcDMC Sediment Solutions, LLC www.arcdmcsediment.com

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