

Water Resource Analysis Report

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Executive Summary

The analysis calculated storage capacity based on provided bathymetric data and boundary inputs.

Total Storage Capacity: 4.585 MCM

Full Tank Level (FTL): 100.0 m

Elevation (m)	Surface Area (sq km)	Volume (MCM)
90.0	0.012	0.0
90.53	0.058	0.018
91.05	0.105	0.061
91.58	0.105	0.117
92.11	0.245	0.209
92.63	0.245	0.337
93.16	0.245	0.466
93.68	0.338	0.62
94.21	0.431	0.822
94.74	0.431	1.049
95.26	0.524	1.3
95.79	0.524	1.576
96.32	0.524	1.853
96.84	0.664	2.165
97.37	0.711	2.527
97.89	0.711	2.901
98.42	0.804	3.3
98.95	0.804	3.723
99.47	0.804	4.147
100.0	0.862	4.585