

# Chary Lake Bathymetric Assessment

Water Level (ft)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area Loss	Volume Loss
0	2,70E+05	9,00E+06	0.0%	0.0%
-0.25	2,62E+05	8,89E+06	2.8%	2.2%
-0.5	2,57E+05	8,66E+06	4.9%	4.4%
-0.75	2,52E+05	8,46E+06	6.7%	6.6%
-1	2,48E+05	8,27E+06	8.3%	8.7%
-1.25	2,44E+05	8,09E+06	9.8%	10.7%
-1.5	2,40E+05	7,90E+06	11.3%	12.8%
-1.75	2,36E+05	7,72E+06	12.7%	14.8%
-2	2,32E+05	7,54E+06	14.4%	16.7%
-2.25	2,28E+05	7,37E+06	16.6%	18.6%
-2.5	2,22E+05	7,20E+06	19.3%	20.5%
-2.75	2,18E+05	7,03E+06	17.9%	22.4%
-3	2,14E+05	6,87E+06	20.7%	24.2%
-3.25	2,10E+05	6,71E+06	22.2%	26.0%
-3.5	2,06E+05	6,55E+06	23.6%	27.7%
-3.75	2,03E+05	6,39E+06	24.9%	29.4%
-4	2,00E+05	6,24E+06	26.1%	31.1%
-4.25	1,96E+05	6,09E+06	27.2%	32.8%
-4.5	1,94E+05	5,94E+06	28.3%	34.4%
-4.75	1,91E+05	5,79E+06	29.4%	36.1%
-5	1,88E+05	5,65E+06	30.5%	37.6%
-5.25	1,84E+05	5,51E+06	31.9%	39.2%
-5.5	1,81E+05	5,37E+06	33.1%	40.7%
-5.75	1,78E+05	5,23E+06	34.1%	42.3%
-6	1,75E+05	5,10E+06	35.2%	43.7%

**Notes**  
 - Zero water level corresponds to top of dam. Negative values correspond to levels below top of dam.

Depth (ft)  
Value  
0  
5  
10  
15  
20  
25

0 150 300 600  
Meters

NORTH

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

**Contours**

- 5 ft intervals
- Deep Hole

