



Volunteer Lake Assessment Program Individual Lake Reports
BLAISDELL LAKE, SUTTON, NH

MORPHOMETRIC DATA

Watershed Area (Ac.):	448	Max. Depth (m):	13.1	Flushing Rate (yr ⁻¹):	0.3	Year	Trophic class	
Surface Area (Ac.):	158	Mean Depth (m):	5.2	P Retention Coef:	0.86	1990	OLIGOTROPHIC	
Shore Length (m):	4,700	Volume (m ³):	3,355,500	Elevation (ft):	827	2005	MESOTROPHIC	

TROPHIC CLASSIFICATION

KNOWN EXOTIC SPECIES

The Waterbody Report Card tables are generated from the 2012 305(b) report on the status of N.H. waters, and are based on data collected from 2001-2011.

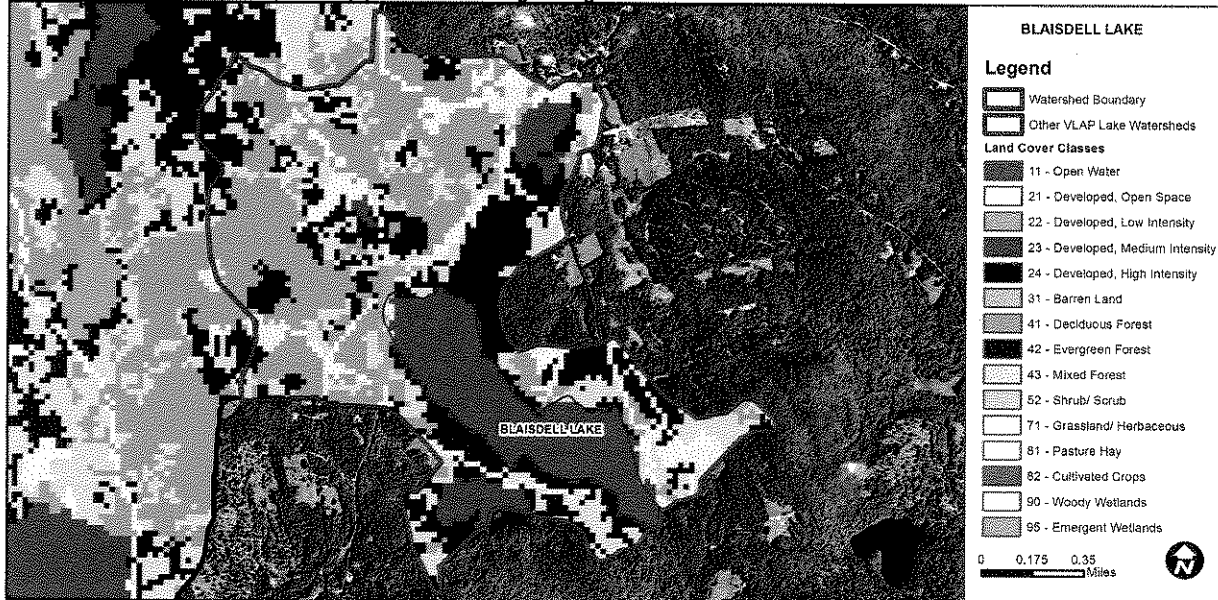
Designated Use	Parameter	Category	Comments
Aquatic Life	Phosphorus (Total)	Slightly Bad	>/=5 samples and median is >threshold.
	pH	Slightly Bad	>10% of samples exceed criteria by a small margin (minimum of 2 exceedances).
	D.O. (mg/L)	Encouraging	< 10 samples and no exceedance of criteria. More data needed.
	D.O. (% sat)	Encouraging	< 10 samples and no exceedance of criteria. More data needed.
	Chlorophyll-a	Slightly Bad	>5 samples and median is > threshold.
Primary Contact Recreation	E. coli	Good	Geometric means < criteria; however at least 1 exceedance of the single sample criteria occurred.
	Chlorophyll-a	Very Good	At least 10 samples with 0 exceedances of criteria.

BEACH PRIMARY CONTACT ASSESSMENT STATUS

BLAISDELL LAKE - CAMP WABASSO BEACH	E. coli	Very Good	All bacteria samples <75% of geometric mean criteria, but not enough to calculate geometric mean. Or, all bacteria samples are < single sample criteria and calculated Geometric means are less than geometric mean criteria.
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WATERSHED LAND USE SUMMARY

Fry, J., Xian, G., Jin, S., Dewitz, J., Homer, C., Yang, L., Barnes, C., Herold, N., and Wickham, J., 2011. Completion of the 2006 National Land Cover Database for the Conterminous United States, PERS, Vol. 77(9):858-864. For larger image contact NHDES.



Land Cover Category	% Cover	Land Cover Category	% Cover	Land Cover Category	% Cover
Open Water	17.9	Barren Land	0	Grassland/Herbaceous	0
Developed-Open Space	6.52	Deciduous Forest	27.53	Pasture Hay	5.02
Developed-Low Intensity	1.15	Evergreen Forest	25.92	Cultivated Crops	0
Developed-Medium Intensity	0	Mixed Forest	15.65	Woody Wetlands	0.49
Developed-High Intensity	0	Shrub-Scrub	0	Emergent Wetlands	0