DEPARTMENT of ENVIRONMENTAL SERVICES
Water Division - Watershed Management Bureau

LAKE TROPHIC DATA

MORPHOMETRIC:

Lake: MILO LAKE		Lake Area (ha):	0.00
Town:	CAMPTON	Maximum depth (m):	---
County:	Grafton	Mean depth (m):	---
River Basin:	Merrimack	Volume (m^3):	---
Latitude:	---	Relative depth:	---
Longitude:	---	Shore configuration:	---
Elevation (ft):	---	Areal water load (m/yr):	---
Shore length (m):	---	Flushing rate (yr^{-1}):	---
Watershed area (ha):	---	P retention coeff.:	---
% watershed ponded:	---	Lake type:	

BIOLOGICAL:		1 April 2002
DOM. PHYTOPLANKTON (% TOTAL) #1		
#2		
#3		
PHYTOPLANKTON ABUNDANCE (units/mL)		
CHLOROPHYLL-A (μg/L)		
DOM. ZOOPLANKTON (% TOTAL) #1		
#2		
#3		
ROTIFERS/LITER		
MICROCRUSTACEA/LITER		
ZOOPLANKTON ABUNDANCE (#/L)		
VASCULAR PLANT ABUNDANCE		
SECCHI DISK TRANSPARENCY (m)		
BOTTOM DISSOLVED OXYGEN (mg/L)		
BACTERIA (E. coli, #/100 ml) #1		
#2		
#3		

SUMMER THERMAL STRATIFICATION:

Depth of thermocline (m):
Hypolimnion volume (m^3) :
Anoxic volume (m^3) :

CHEMICAL:

Lake: MILO LAKE
Town: CAMPTON

			1 April 2002		
DEPTH (m)					
pH (units)					
A.N.C. (Alkalinity)					
NITRATE NITROGEN					
TOTAL KJELDAHL NITROGEN					
TOTAL PHOSPHORUS					
CONDUCTIVITY (µmhos/cm)					
APPARENT COLOR (cpu)					
MAGNESIUM					
CALCIUM					
SODIUM					
POTASSIUM					
CHLORIDE					
SULFATE					
TN : TP					
CALCITE SATURATION INDEX					

All results in mg/L unless indicated otherwise

TROPHIC CLASSIFICATION: 2002

D.O.	S.D.	PLANT	CHL	TOTAL	CLASS

COMMENTS:

1. This lake was visited in the spring of 2002 to see if it was suitable for sampling. The dam was no longer functional and the lake did not exist. The waterbody is now a stream, or part of the Mad River, with young saplings, brambles and grasses growing thickly where the lake used to be. It was removed from our list of lakes to sample.