

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Mt. Misery Lake  
SiteID: NJW04459-058

County: Burlington  
Municipality: Pemberton Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/14/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.025	0.269	0.0127	0.01	0.6	1	3.46	0.9
2	0.021	0.254	0.0137	0.01	1.18	1	3.49	0.79

Season: Summer

Date sampled: 8/23/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.055	0.418	0.0502	0.0313	0.86	ANR	2.72	1.14
2	0.048	0.449	0.022	0.0307	2.07	ANR	2.72	1.52

Season: Fall

Date sampled: 10/21/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	ND	0.287	0.0172	0.0115	0.45	1	3.06	1.01
2	ND	0.27	0.012	0.0113	0.32	1	3.1	0.89

Sample Device - Horizontal Polycarbonate Sampler; a blank parameter result means the parameter could not be analyzed due to a lab error.  
"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.  
"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Mt. Misery Lake

County: Burlington

SiteID: NJW04459-058

Municipality: Pemberton Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/14/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	B	10.56	7.61	68.3	3.82	0.049
2	1.4	0.7	B	10.64	7.99	71.8	3.86	0.05

Season: Summer

Date sampled: 8/23/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	B	18.29	5.19	55.1	4.03	0.041
2	0.8	0.4	B	18.32	5.74	60.9	4.49	0.04

Season: Fall

Date sampled: 10/21/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.3	0.6	B	13.16	6.55	62.2	3.62	0.035
2	1.4	0.7	B	13.16	7.21	68.5	3.92	0.035

"B" indicates secchi can be seen at the Bottom of lake; "P" indicates secchi depth was Obscured, typically (but not always) by plants.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.