

Subject: Lake Water Quality 2012 Annual Report
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Wisconsin Department of Natural Resources

Lake Water Quality 2012 Annual Report

Loon Lake

Shawano County

Waterbody Number: 323800

Lake Type: DRAINAGE

DNR Region: NE

GEO Region: SE

Site Name	Storet #
Loon Lake - Deep Hole	593002

Date	SD (ft)	SD (m)	Hit Bottom	CHL	TP	TSI (SD)	TSI (CHL)	TSI (TP)	Lake Level	Clarity	Color	Perception
04/17/2012	4.75	1.4	NO			55			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
04/24/2012	4.75	1.4	NO			55			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
05/08/2012	5	1.5	NO			54			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
06/06/2012	6	1.8	NO	7.9	28	51	50	54	LOW	CLEAR	BROWN	2-Very minor aesthetic problems
06/18/2012				4.18	20		46	51				
06/24/2012	5	1.5	NO			54			LOW	CLEAR	BROWN	2-Very minor aesthetic problems
07/11/2012	7	2.1	NO			49			LOW	CLEAR	BROWN	1-Beautiful, could not be nicer
07/31/2012	7	2.1	NO			49			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems
08/19/2012	5.5	1.7	NO			53			NORMAL	CLEAR	BROWN	2-Very minor aesthetic problems

04/17/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	53.8	10.18

04/24/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	54.4	10.11

05/08/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	62	8.86

6	53.7	10.07
9	53.4	9.94
15	53	8.46

6	54.1	10.15
9	53.8	10.2
15	53.6	10.2

6	61.2	8.91
9	60.8	8.91
15	55.5	6.78

06/06/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	73.9	9.64
6	71.2	9.46
9	68.5	8.26
15	64.8	3.58

06/24/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	77.3	8.46
6	76.7	8.35
9	75.1	6.76
15	67	.18

07/11/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	81.1	7.87
6	80.7	7.89
9	79.9	7.22
15	68	.23

07/31/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	83.3	8.11
6	82.3	8.14
9	81.2	7.88
15	71.5	.22

08/19/2012		
Depth	Temp.	D.O.
FEET	DEGREES F	MG/L
3	73.9	8.25
6	72.5	8.08
9	71.5	6.44
15	70.1	.51

Date	Data Collectors	Project
04/17/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
04/24/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
05/08/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
06/06/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
06/18/2012	Data Collectors Unknown or Specified in Comments	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
06/24/2012	Lloyd Knope	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
07/11/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
07/11/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring Network QA/QC - 2012
07/31/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole
08/19/2012	Lloyd Knope- Larry Philbrick	Citizen Lake Monitoring - Water Quality - Loon Lake; Deep Hole

SD = Secchi depth measured in feet converted to meters; Chl = Chlorophyll a in micrograms per liter(ug/l); TP = Total phosphorus in ug/l, surface sample only; TSI(SD), TSI(CHL), TSI(TP) = Trophic state index based on SD, CHL, TP respectively; Depth measured in feet.

Wisconsin Department of Natural Resources

Wisconsin Lakes Partnership

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