

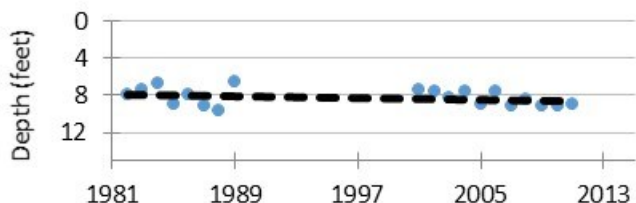
Strawberry Lake, Livingston County

2014 CLMP Results



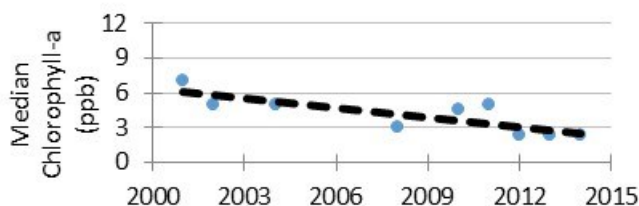
Secchi Disk Transparency (feet)

Year	# Readings	Min	Max	Average	Std. Dev	Carlson TSI
2014	*					
2009-2011	54	7.5	12.5	9.1	1.0	45
1982-2008	261	3.5	13.5	8.1	1.5	47
2014 All CLMP Lakes	3050	2.0	50.0	13.1	2.1	41



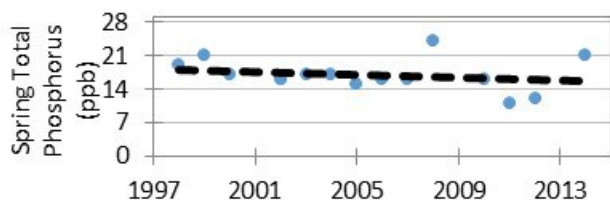
Chlorophyll-a (parts per billion)

Year	# Samples	Min	Max	Median	Std. Dev	Carlson TSI
2014	4	<1.0	3.9	2.4	1.5	39
2009-2013	20	<1.0	12.0	3.5	2.8	42
2001-2008	19	<1.0	10.0	3.5	2.7	46
2014 All CLMP Lakes	583	<1.0	23.5	2.0	2.9	37



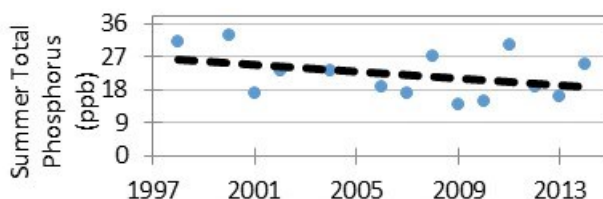
Spring Total Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev
2014	1	21	21	21.0	NA
2009-2013	3	11	16	13.0	2.6
1998-2008	11	15	24	17.6	2.7
2014 All CLMP Lakes	164	3 W	77	13.2	11.1

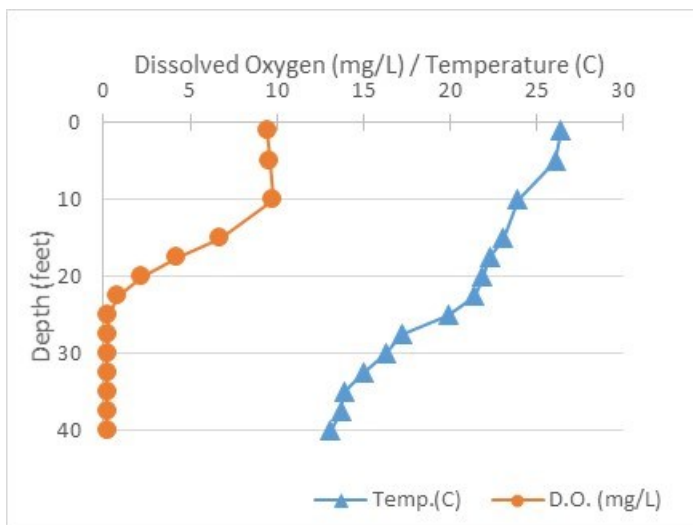


Summer Total Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev	Carlson TSI
2014	1	25	25	25.0	NA	51
2009-2013	5	14	30	18.8	6.5	46
1998-2008	8	17	33	23.8	6.1	49
2014 All CLMP Lakes	180	4 T	62	13.5	7.9	41



Sept 2011 Dissolved Oxygen and Water Temperature Profile



Summary

	2014	2009-2011	1982-2008
Average TSI	45	45	48
Strawberry	45	45	48
All CLMP Lakes	40	NA	NA

With an average TSI score of 45 based on chlorophyll-a and summer total phosphorus, this lake is rated as a mesotrophic lake. The lake keeps some dissolved oxygen in the bottom waters through early summer, but by mid to late summer the bottom water is completely devoid of oxygen.

Long term trends indicate that transparency has stayed the same, but phosphorus and chlorophyll have decreased slightly since monitoring began.

*= No sample received W= Value is less than the detection limit (<3 ppb) T= Value reported is less than the reporting limit (5 ppb). Result is estimated.
 <1 = Chlorophyll-a: Sample value is less than limit of quantification (<1 ppb).