

Guide to the Parameters

Abbreviation	Definition
DOC	Dissolved organic carbon
POC	Particulate organic carbon
Chl	Chlorophyll-a
t-NH ₃	Ammonia nitrogen
NO _x	Nitrite plus nitrate nitrogen
TN	Total nitrogen
TDN	Total dissolved nitrogen
TP	Total phosphorus
TDP	Total dissolved phosphorus
SRP	Soluble reactive phosphorus
TIP	Total inorganic phosphorus
DRSi	Silica (dissolved)
TSS	Total suspended solids
FSS	Fixed (non-volatile) suspended solids
C ₆₆₀	Beam attenuation coefficient (measure of light penetration)
Tn	Turbidity

Table 2. 2013 Cayuga Lake in-lake (lake wide and frequent south) status for extent of completion of sample analyses and handling.

Station	Parameter													
	DOC		POC		Chl		t-NH ₃		NO _x		TN		TDN	
	C ¹	P ²	C	P	C	P	C	P	C	P	C	P	C	P
I _L	--	--	4	40	39	40	--	--	--	--	--	--	--	--
1	14	16	4	40	38	40	16	16	16	16	16	16	11	16
2	14	16	4	40	38	40	16	16	16	16	15	16	11	16
3	13	15 ⁴	4	63 ⁴	74	78 ⁴	16	15 ⁴	16	15 ⁴	15	15 ⁴	11	15 ⁴
4	--	--	--	--	30	32	16	16	16	16	--	--	4	--
5	153	192	44	192	65 ³	64	176	192	176	192	44	48	64	48
6	--	--	--	--	33	32	16	16	16	16	--	--	53	--
7	14	16	4	16	33	32	16	16	16	16	15	16	11	16
8	--	--	--	--	33	32	16	16	16	16	--	--	4	--
9	14	16	4	16	17	16	16	16	16	16	15	16	9	16

¹ C - analysis completed and entered into electronic format to date (all data are provisional and have not undergone complete laboratory QC).

² P - original planned sample count

³ shaded boxes indicated completion of goal.

⁴ was 80 for Chl and TSS, FSS, 16 for DOC, Chl, NO_x, t-NH₃, TN, TDN, and DRSi, 64 for POC, but weather interrupted station 3 sample collection

⁵ field accident, sample lost

⁶ was 280 for TP, SRP and TDP and 80 for TIP, but weather interrupted one sample collection.

Table 2. (continued) 2013 Cayuga Lake in-lake (lake wide and frequent south) status for extent of completion of sample analyses and handling.

Station	Parameter													
	TP		TDP		SRP		TIP		DRSi		TSS		FSS	
	C ¹	P ²	C	P	C	P	C	P	C	P	C	P	C	P
I _L	41	40	41	40	41	40	40	40	--	--	39	40	39	40
1	40	40	40	40	40	40	38	40	15	16	39	40	39	40
2	40	40	40	40	40	40	39	40	14	16	39	40	39	40
3	268	273 ⁶	268	273 ⁶	268	273 ⁶	76	78 ⁶	15	15 ⁴	77	78 ⁴	77	78 ⁴
4	79	80	79	80	79	80	29	32	15	16	32	32	32	32
5	176	192	176	192	176	192	60	64	120	128	65	64	65	64
6	80 ³	80	79 ⁵	80	79 ⁵	80	30	32	15	16	33	32	33	32
7	48	48	48	48	48	48	30	32	15	16	33	32	33	32
8	32	32	32	32	32	32	30	32	15	16	33	32	33	32
9	16	16	16	16	16	16	15	16	15	16	17	16	17	16

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Table 2. (continued) 2013 Cayuga Lake in-lake (lake wide and frequent south) status for extent of completion of sample analyses and handling.

Station	Parameter			
	c ₆₆₀		Tn	
	C ¹	P ²	C	P
I _L	40	40	41	40
1	39	40	40	40
2	39	40	40	40
3	66	63 ⁴	63	39 ⁴
4	--	--	1	--
5	57 ³	48	68	48
6	--	--	1	--
7	16	16	17	16
8	16	--	1	--
9	40	16	17	16

¹ C - analysis completed and entered into electronic format to date (all data are provisional and have not undergone complete laboratory QC).

² P - original planned sample count

³ shaded boxes indicated completion of goal.

⁴ was 80 for Chl and TSS, FSS, 16 for DOC, Chl, NO_x, t-NH₃, TN, TDN, and DRSi, 64 for POC and c₆₆₀, and 40 for Tn but weather interrupted station 3 sample collection

⁵ field accident, sample lost

⁶ was 280 for TP, SRP and TDP and 80 for TIP, but weather interrupted one sample collection.