

May 28 Lake George

Water Quality Parameter Definitions

Station	FromDate	Field Number	Depth (m)	Al (mg/L) DOE-Lab	ALK_T (mg/L) DOE-Lab	As (µg/L) DOE-Lab - Flag	As (µg/L) DOE-Lab	Ca (mg/L) DOE-Lab	Cd (µg/L) DOE-Lab - Flag
Guidelines				pH <6.5 - 0.005			50		Hardness of (0-60mg/l)
				pH >6.5 - 0.1					Hardness of (61-120mg/l)
Lake George @ stn 1	5/28/00	52-00-720		0.082	6.2	<	1	3	<
Lake George @ stn 1	5/28/00	52-00-721	1.5	0.0805	6.4	<	1	2.9	<
Lake George @ stn 1	5/28/00	52-00-722	2.5						
Lake George @ stn 1	5/28/00	52-00-723	3	0.081	6.4	<	1	3	<
Lake George @ stn 2	5/28/00	52-00-736		0.085	6.4	<	1	3	<
Lake George @ stn 3	5/28/00	52-00-733		0.078	6.5	<	1	3	<
Lake George @ stn 3	5/28/00	52-00-734	2.5	0.08	6.5	<	1	3.1	<
Lake George @ stn 3	5/28/00	52-00-735	3.5	0.08	6.6	<	1	2.9	<
Lake George @ stn 4	5/28/00	52-00-730		0.087	5.8	<	1	3	<
Lake George @ stn 4	5/28/00	52-00-731	2.5	0.082	6	<	1	2.8	<
Lake George @ stn 4	5/28/00	52-00-732	3.5	0.085	6.4	<	1	3	<
Lake George @ stn 5	5/28/00	52-00-727		0.08	6.5	<	1	2.8	<
Lake George @ stn 5	5/28/00	52-00-728	2.5	0.084	6.5	<	1	2.9	<
Lake George @ stn 5	5/28/00	52-00-729	4	0.085	5.9	<	1	3	<
Lake George @ stn 6	5/28/00	52-00-724		0.0816	6.2	<	1	3	<
Lake George @ stn 6	5/28/00	52-00-725	2.5	0.08	6.3	<	1	2.9	<
Lake George @ stn 6	5/28/00	52-00-726	4	0.078	6.4	<	1	2.8	<

Last Updated on 5/11/01

Cu (µg/L) DOE-Lab - Flag	Cu (µg/L) DOE-Lab	E_coli-MPN (MPN/100ml) DOE-Lab - Flag	E_coli-MPN (MPN/100ml) DOE-Lab	E_coli-MPN (MPN/100ml) DOE-Lab	F (mg/L) DOE-Lab - Flag
Hardness of 0 - 120mg/l	2		1.5	0.3	
Hardness of 120 - 180 mg/l	3				
Hardness >180 mg/l	4				
<	0.5	ND			<
	0.5				<
	0.5				<
	0.5			2	<
<	0.5			1	<
	0.5				<
	0.7				<
<	0.5		1		<
	0.6				<
	0.5				<
	0.5	ND			<
	0.6				<
	0.5				<
	0.5	ND			<
	0.9				<
	0.5				<

NOX (mg/L) DOE-Lab - Flag	NOX (mg/L) DOE-Lab	Pb (µg/L) DOE-Lab - Flag	Pb (µg/L) DOE-Lab	PH (pH) DOE-Lab	Flag	Sb (µg/L) DOE-Lab	SO4 (mg/L) DOE-Lab
6.5 - 9.0		0.2	150			10	
<	0.1	<	1	7	<	1	1.9
<	0.1	<	1	7.1	<	1	2
<	0.1	<	1	7.1	<	1	1.8
<	0.1	<	1	7.1	<	1	1.7
<	0.1	<	1	7.1	<	1	2
<	0.1	<	1	7.1	<	1	1.8
<	0.1	<	1	7.1	<	1	1.8
<	0.1	<	1	7.1	<	1	1.6
<	0.1	<	1	7.1	<	1	1.7
<	0.1	<	1	7.1	<	1	1.7
<	0.1	<	1	7.1	<	1	1.6
<	0.1	<	1	7.1	<	1	2
<	0.1	<	1	7.1	<	1	1.7
<	0.1	<	1	7.1	<	1	1.8
<	0.1	<	1	7.1	<	1	1.9
<	0.1	<	1	7	<	1	2.1

SS (mg/L) DOE-Lab - Flag	SS (mg/L) DOE-Lab	TDS (mg/L) DOE-Lab	TKN (mg/L) DOE-Lab	TOC (mg/L) DOE-Lab	TP-L (mg/L) DOE-Lab - Flag	TP-L (mg/L) DOE-Lab	TURB (NTU) DOE-Lab
15	0.02	rec. use not more than 5.0					
		when turb. is low 50	not to exceed	30			
<	15	13.342	0.41	7.3	<	0.005	0.5
<	15	13.455	0.32	7.5		0.006	0.6
<	15	13.004	0.35	7.4		0.007	0.5
<	15	12.859	0.43	7.5		0.021	0.4
<	15	13.365	0.32	7.5		0.006	0.4
<	15	13.104	0.42	7.4		0.007	0.3
<	15	13.134	0.43	7.3		0.005	0.3
<	15	12.4	0.35	7.8		0.007	0.4
<	15	12.459	0.36	7.8	<	0.005	0.3
<	15	13.011	0.34	7.8		0.005	0.3
<	15	12.633	0.38	7.8		0.006	0.4
<	15	13.407	0.36	7.6		0.005	0.4
<	15	12.616	0.3	7.7	<	0.005	0.4
<	15	13.039	0.32	7.4		0.009	0.6
<	15	13.014	0.36	7.4		0.007	0.4
<	15	13.232	0.34	7.2		0.005	0.4
						0.007143	

Zn (µg/L) DOE-Lab - Flag	Zn (µg/L) DOE-Lab	p =COND (µSIE/cm) DOE-Lab	p @B (no units) DOE-Lab	p @C (no units) DOE-Lab	p AN (Epm) DOE-Lab	p CAT (Epm) DOE-Lab	p CO3 (mg/L) DOE-Lab
<	5	26.992	-0.4	0.66	0.23	0.27	0
<	5	27.026	-0.2	0.89	0.24	0.27	0
<	5	26.212	-0.3	0.99	0.23	0.27	0
<	5	25.943	-0.3	1.32	0.23	0.26	0
<	5	26.841	-0.2	1.07	0.24	0.26	0
<	5	26.521	-0.4	1.05	0.23	0.27	0
<	5	26.307	-0.2	1.23	0.24	0.26	0
<	5	25.292	-0.5	1.23	0.21	0.27	0
<	5	25.157	-0.3	1.36	0.22	0.26	0
<	5	26.312	-0.4	1.11	0.23	0.27	0
<	5	25.403	-0.3	1.19	0.23	0.26	0
<	5	26.794	-0.1	0.78	0.24	0.26	0
<	5	25.684	-0.5	1.13	0.22	0.27	0
<	5	26.387	-0.4	0.79	0.23	0.27	0
<	5	26.109	-0.2	0.91	0.23	0.26	0
<	5	26.375	-0.1	0.82	0.24	0.25	0

p DIFB (%) DOE-Lab	p DIFC (%) DOE-Lab	Lab	p HCO3 (mg/L) DOE-Lab	p OH (mg/L) DOE-Lab	p SIN (no units) DOE-Lab
-8.12	3.93	-100	6.2	0	-3.15
-4.71	5.22	-100	6.4	0	-3.14
-7.49	5.9	-100	6.4	0	-3.13
-7.1	7.75	-100	6.4	0	-3.06
-4.07	6.22	-100	6.5	0	-3.09
-8.32	6.16	-100	6.5	0	-3.08
-3.79	7.22	-100	6.6	0	-3.06
-11.6	7.34	-100	5.8	0	-3.15
-7.62	8.11	-100	6	0	-3.15
-7.75	6.55	-100	6.4	0	-3.09
-6.44	7.13	-100	6.5	0	-3.13
-2.99	4.64	-100	6.5	0	-3.11
-10.2	6.75	-100	5.9	0	-3.13
-8.43	4.72	-100	6.2	0	-3.14
-5.07	5.42	-100	6.3	0	-3.13
-1.05	4.91	-100	6.4	0	-3.18