

June 04 Harvey

Water Quality Parameter Definitions

	FromDate	Number	Depth (m)	Lab	Lab	Flag	Lab	Lab	Flag	Lab	Flag	
				pH <6.5 - 0.005			50		Hardness of (0-60mg/l)	0.2	Oligotrophic	
				pH >6.5 - 0.1					Hardness of (61-120mg/l)	0.8	Mesotrophic	
											Eutrophic	
											Hypereutrophic	
1	6/4/00	52-00-776		0.042		5.6	<	1	2.7	<	0.1	Q
1	6/4/00	52-00-777	3	0.041		5.5	<	1	2.8	<	0.1	Q
1	6/4/00	52-00-778	6	0.039		5.8	<	1	2.7	<	0.1	
2	6/4/00	52-00-763		0.042		5.7	<	1	2.8	<	0.1	Q
2	6/4/00	52-00-764	1.5	0.042		5.8	<	1	2.7	<	0.1	
2	6/4/00	52-00-765	3	0.048		5.8	<	1	2.8	<	0.1	Q
3	6/4/00	52-00-760		0.042		5.7	<	1	2.9	<	0.1	Q
3	6/4/00	52-00-761	3	0.036		5.7	<	1	2.7	<	0.1	Q
3	6/4/00	52-00-762	7	0.039		5.7	<	1	2.7	<	0.1	
4	6/4/00	52-00-766		0.049		5.5	<	1	2.7	<	0.1	Q
4	6/4/00	52-00-767	0.75	0.051		5.6	<	1	2.8	<	0.1	
4	6/4/00	52-00-768	1.5	0.049		5.3	<	1	2.6	<	0.1	Q
5	6/4/00	52-00-769		0.042		5.8	<	1	2.6	<	0.1	Q
5	6/4/00	52-00-770	1	0.047		5.4	<	1	2.8	<	0.1	
5	6/4/00	52-00-771	2.5	0.045		5.5	<	1	2.7	<	0.1	Q
6	6/4/00	52-00-772		0.04		5.7	<	1	2.7	<	0.1	Q
6	6/4/00	52-00-773	3									Q
6	6/4/00	52-00-774	4	0.038		5.6	<	1	2.7	<	0.1	
6	6/4/00	52-00-775	8	0.038		5.7	<	1	2.8	<	0.1	

Last Updated on 5/11/01

CHL"A" (µg/L) DOE-Lab	Lab	CLRA (TCU) DOE-Lab	Lab	Flag	Lab	Cu (µg/L) DOE-Lab - Flag	Lab	Flag	Lab	Lab
<1.8										
1.8 - 7		100				2 Hardness of 0 - 120mg/l		2		1.5 0.3
7 - 30						mg/l		3		
>30						Hardness >180 mg/l		4		
2.4	2.7	15	30	<	1	<	1	<	0.1	0.03
2.2	2.8	20	29	<	1		1	<	0.1	0.04
	2.8	20	30	<	1	<	1	<	0.1	0.04
1.9	2.7	15	30	<	1	<	1	<	0.1	0.04
	2.4	20	30	<	1		1	<	0.1	0.04
2.6	3.1	15	30	<	1		1	<	0.1	0.04
2.2	2.9	20	30	<	1	<	1	<	0.1	0.05
2.6	2.9	20	29	<	1		1	<	0.1	0.04
	2.7	15	30		1		1	<	0.1	0.04
2.6	2.8	20	29	<	1		1	<	0.1	0.04
	2.9	20	29	<	1		1	<	0.1	0.04
2.8	3	20	29	<	1		1	<	0.1	0.04
2.3	2.8	20	29	<	1		3	<	0.1	0.04
	2.8	15	30	<	1		1	<	0.1	0.05
2.6	2.9	20	29	<	1		1	<	0.1	0.04
2.5	2.3	15	30	<	1	<	1	<	0.1	0.03
2.6										
	2.6	20	30	<	1	<	1	<	0.1	0.03
	2.8	15	30	<	1		1	<	0.1	0.04

Lab	Lab	Lab	Lab	Lab	Flag	Lab	Flag	Lab	Flag	Lab
							Hardness 0 - 60mg/l	25		
		50		20			2.2 Hardness 60 - 120mg/l	65		
							180mg/l	110		
							Hardness >180mg/l	150		
8.7	0.39	0.5	0.01	1.96	<	0.01	<	5	<	0.1
9.1	0.39	0.52	0.02	2.04		0.02	<	5	<	0.1
8.8	0.37	0.51	0.01	1.97	<	0.01	<	5	<	0.1
9	0.43	0.52	0.02	2.04	<	0.01	<	5	<	0.1
8.9	0.35	0.51	0.02	2	<	0.01	<	5	<	0.1
9	0.53	0.51	0.02	2.04		0.04	<	5	<	0.1
9.4	0.38	0.53	0.02	2.29		0.01	<	5	<	0.1
8.8	0.35	0.51	0.01	2.04	<	0.01	<	5	<	0.1
9	0.38	0.51	0.01	2.02	<	0.01	<	5	<	0.1
8.9	0.39	0.52	0.02	2.02	<	0.01	<	5	<	0.1
9.1	0.35	0.52	0.02	2.02	<	0.01	<	5	<	0.1
8.7	0.42	0.5	0.02	1.95	<	0.01	<	5	<	0.1
8.6	0.38	0.5	0.02	1.94	<	0.01	<	5	<	0.1
9.2	0.39	0.53	0.02	2.04	<	0.01	<	5	<	0.1
8.8	0.37	0.5	0.02	1.98		0.02	<	5	<	0.1
8.8	0.41	0.5	0.02	1.98	<	0.01	<	5	<	0.1
8.7	0.36	0.5	0.02	1.97	<	0.01	<	5	<	0.1
9	0.38	0.52	0.02	2.02		0.02	<	5	<	0.1

Flag	Lab	Flag	Lab	Flag	Lab	Lab	Flag	Lab	Lab
			10		1	6.5 - 9.0		0.2	150
^	0.1	<	0.1	<	1	7	<	1	2.3
^	0.1	<	0.1	<	1	6.98	<	1	2.4
^	0.1	<	0.1	<	1	6.98	<	1	2.3
^	0.1	<	0.1	<	1	6.94	<	1	2.5
^	0.1	<	0.1	<	1	6.94	<	1	2
^	0.1	<	0.1	<	1	6.94	<	1	2.5
^	0.1	<	0.1	<	1	7.01	<	1	2.5
^	0.1	<	0.1	<	1	6.98	<	1	2.3
^	0.1	<	0.1	<	1	6.96	<	1	2.2
^	0.1	<	0.1	<	1	6.95	<	1	2.2
^	0.1	<	0.1	<	1	6.93	<	1	2.7
^	0.1	<	0.1	<	1	6.95	<	1	2.5
^	0.1	<	0.1	<	1	6.96	<	1	2.5
^	0.1	<	0.1	<	1	6.93	<	1	2.3
^	0.1	<	0.1	<	1	6.98	<	1	2.4
^	0.1	<	0.1	<	1	6.96	<	1	2
^	0.1	<	0.1	<	1	6.97	<	1	2.3
^	0.1	<	0.1	<	1	6.97	<	1	2.4

Flag	Lab	Lab	Lab	Lab	Lab	TURB (NTU) DOE-Lab	Flag	Lab	Lab
		10			15	0.02	5.0		
						when turb. Is low 50	not to exceed	30	
^	15	14.31	0.4	5.57	0.005	0.6	<	5	28.498
<	15	14.627	0.4	5.73	0.006	0.6	<	5	29.301
^	15	14.45	0.4	5.8	0.005	0.7	<	5	28.795
^	15	14.734	0.3	5.73	0.007	0.6	<	5	29.364
<	15	13.834	0.3	5.59	0.006	0.6	<	5	27.717
^	15	15.353	0.3	5.92	0.007	0.6	<	5	30.498
^	15	15.305	0.3	6.12	0.005	0.5	<	5	30.616
<	15	14.642	0.3	5.93	0.005	0.5	<	5	29.204
^	15	14.383	0.3	6.19	0.006	0.4	<	5	28.771
^	15	14.327	0.3	5.96	0.007	0.6		13	28.688
<	15	15.003	0.3	6.32	0.006	0.7	<	5	29.841
<	15	14.66	0.4	6.14	0.008	0.7	<	5	29.191
^	15	14.633	0.3	6.12	0.005	0.7	<	5	28.997
<	15	14.603	0.4	6.06	0.006	0.7	<	5	29.304
<	15	14.549	0.4	5.97	0.007	0.7	<	5	29.021
^	15	13.692	0.3	5.67	0.005	0.5	<	5	27.395
<	15	14.146	0.3	6.19	0.005	0.5	<	5	28.231
^	15	14.662	0.3	6.1	0.005	0.5	<	5	29.281

Lab
-3.29
-3.29
-3.29
-3.33
-3.32
-3.32
-3.24
-3.29
-3.31
-3.34
-3.34
-3.36
-3.32
-3.35
-3.31
-3.31
-3.31
-3.3