

<b>IEP Station Code</b>	<b>Station Name</b>	<b>Sample Date</b>	<b>TN (mg/L)</b>	<b>TP (mg /L)</b>	<b>Mass Ratio (N:P)</b>	<b>molar ratio (N:P)</b>
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/8/02	1.48	0.15	9.87	21.82
D6	Suisun Bay @ Bulls Head nr. Martinez	1/9/02	1.30	0.15	8.67	19.17
D8	Suisun Bay off Middle Pt. nr. Nichols	1/9/02	1.15	0.16	7.19	15.89
D7	Grizzly Bay @ Dophin nr. Suisun Slough	2/6/02	0.94	0.14	6.71	14.85
D6	Suisun Bay @ Bulls Head nr. Martinez	2/7/02	1.00	0.10	10.00	22.11
D8	Suisun Bay off Middle Pt. nr. Nichols	2/7/02	0.95	0.12	7.92	17.51
D7	Grizzly Bay @ Dophin nr. Suisun Slough	3/6/02	1.17	0.14	8.36	18.48
D8	Suisun Bay off Middle Pt. nr. Nichols	3/7/02	0.86	0.12	7.17	15.85
D6	Suisun Bay @ Bulls Head nr. Martinez	3/7/02	0.83	0.12	6.92	15.30
D7	Grizzly Bay @ Dophin nr. Suisun Slough	4/5/02	0.73	0.11	6.64	14.68
D6	Suisun Bay @ Bulls Head nr. Martinez	4/8/02	0.79	0.11	7.18	15.88
D8	Suisun Bay off Middle Pt. nr. Nichols	4/8/02	0.82	0.15	5.47	12.09
D7	Grizzly Bay @ Dophin nr. Suisun Slough	5/3/02	0.91	0.18	5.06	11.18
D8	Suisun Bay off Middle Pt. nr. Nichols	5/6/02	0.77	0.12	6.42	14.19
D6	Suisun Bay @ Bulls Head nr. Martinez	5/6/02	0.68	0.11	6.18	13.67
D7	Grizzly Bay @ Dophin nr. Suisun Slough	6/4/02	0.91	0.14	6.50	14.37
D6	Suisun Bay @ Bulls Head nr. Martinez	6/5/02	0.78	0.11	7.09	15.68
D8	Suisun Bay off Middle Pt. nr. Nichols	6/5/02	0.81	0.12	6.75	14.93
D7	Grizzly Bay @ Dophin nr. Suisun Slough	7/17/02	0.92	0.16	5.75	12.72
D8	Suisun Bay off Middle Pt. nr. Nichols	7/18/02	1.12	0.13	8.62	19.05
D6	Suisun Bay @ Bulls Head nr. Martinez	7/18/02	0.82	0.14	5.86	12.95
D7	Grizzly Bay @ Dophin nr. Suisun Slough	8/15/02	0.85	0.21	4.05	8.95
D8	Suisun Bay off Middle Pt. nr. Nichols	8/16/02	0.78	0.14	5.57	12.32
D6	Suisun Bay @ Bulls Head nr. Martinez	8/16/02	0.85	0.16	5.31	11.75
D7	Grizzly Bay @ Dophin nr. Suisun Slough	9/13/02	1.10	0.20	5.50	12.16
D6	Suisun Bay @ Bulls Head nr. Martinez	9/16/02	0.73	0.15	4.87	10.76
D8	Suisun Bay off Middle Pt. nr. Nichols	9/16/02	0.46	0.12	3.83	8.48
D7	Grizzly Bay @ Dophin nr. Suisun Slough	10/11/02	0.80	0.18	4.44	9.83
D6	Suisun Bay @ Bulls Head nr. Martinez	10/15/02	0.74	0.14	5.29	11.69
D8	Suisun Bay off Middle Pt. nr. Nichols	10/15/02	0.70	0.15	4.67	10.32
D7	Grizzly Bay @ Dophin nr. Suisun Slough	11/13/02	0.85	0.09	9.44	20.89
D6	Suisun Bay @ Bulls Head nr. Martinez	11/14/02	0.82	0.10	8.20	18.13
D8	Suisun Bay off Middle Pt. nr. Nichols	11/14/02	0.86	0.12	7.17	15.85
D7	Grizzly Bay @ Dophin nr. Suisun Slough	12/11/02	1.07	0.15	7.13	15.77
D6	Suisun Bay @ Bulls Head nr. Martinez	12/12/02	0.93	0.12	7.75	17.14
D8	Suisun Bay off Middle Pt. nr. Nichols	12/12/02	0.99	0.13	7.62	16.84
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/10/03	1.34	0.16	8.38	18.52
D8	Suisun Bay off Middle Pt. nr. Nichols	1/13/03	1.14	0.10	11.40	25.21
D6	Suisun Bay @ Bulls Head nr. Martinez	1/13/03	0.84	0.10	8.40	18.58
D7	Grizzly Bay @ Dophin nr. Suisun Slough	2/7/03	0.81	0.16	5.06	11.20
D6	Suisun Bay @ Bulls Head nr. Martinez	2/10/03	0.70	0.08	8.75	19.35
D8	Suisun Bay off Middle Pt. nr. Nichols	2/10/03	0.62	0.08	7.75	17.14
D7	Grizzly Bay @ Dophin nr. Suisun Slough	3/12/03	0.83	0.09	9.22	20.39
D8	Suisun Bay off Middle Pt. nr. Nichols	3/13/03	0.73	0.08	9.13	20.18
D6	Suisun Bay @ Bulls Head nr. Martinez	3/13/03	0.57	0.08	7.13	15.76
D7	Grizzly Bay @ Dophin nr. Suisun Slough	4/10/03	0.69	0.10	6.90	15.26
D8	Suisun Bay off Middle Pt. nr. Nichols	4/11/03	0.77	0.10	7.70	17.03
D6	Suisun Bay @ Bulls Head nr. Martinez	4/11/03	0.72	0.10	7.20	15.92
D7	Grizzly Bay @ Dophin nr. Suisun Slough	5/9/03	0.72	0.11	6.55	14.47
D8	Suisun Bay off Middle Pt. nr. Nichols	5/12/03	0.48	0.07	6.86	15.16
D6	Suisun Bay @ Bulls Head nr. Martinez	5/12/03	0.60	0.09	6.67	14.74
D7	Grizzly Bay @ Dophin nr. Suisun Slough	6/9/03	0.66	0.12	5.50	12.16
D6	Suisun Bay @ Bulls Head nr. Martinez	6/10/03	0.57	0.10	5.70	12.60
D8	Suisun Bay off Middle Pt. nr. Nichols	6/10/03	0.44	0.11	4.00	8.85

D7	Grizzly Bay @ Dophin nr. Suisun Slough	7/21/03	0.63	0.15	4.20	9.29
D8	Suisun Bay off Middle Pt. nr. Nichols	7/22/03	0.60	0.10	6.00	13.27
D6	Suisun Bay @ Bulls Head nr. Martinez	7/22/03	0.64	0.12	5.33	11.79
D7	Grizzly Bay @ Dophin nr. Suisun Slough	8/6/03	1.10	0.16	6.88	15.20
D8	Suisun Bay off Middle Pt. nr. Nichols	8/7/03	0.46	0.09	5.11	11.30
D6	Suisun Bay @ Bulls Head nr. Martinez	8/7/03	0.64	0.13	4.92	10.89
D7	Grizzly Bay @ Dophin nr. Suisun Slough	9/3/03	0.72	0.17	4.24	9.37
D8	Suisun Bay off Middle Pt. nr. Nichols	9/4/03	0.60	0.12	5.00	11.06
D6	Suisun Bay @ Bulls Head nr. Martinez	9/4/03	0.64	0.14	4.57	10.11
D7	Grizzly Bay @ Dophin nr. Suisun Slough	10/17/03	0.74	0.11	6.73	14.88
D6	Suisun Bay @ Bulls Head nr. Martinez	10/20/03	1.03	0.14	7.36	16.27
D8	Suisun Bay off Middle Pt. nr. Nichols	10/20/03	0.84	0.12	7.00	15.48
D7	Grizzly Bay @ Dophin nr. Suisun Slough	11/18/03	0.92	0.12	7.67	16.95
D6	Suisun Bay @ Bulls Head nr. Martinez	11/19/03	1.11	0.12	9.25	20.46
D8	Suisun Bay off Middle Pt. nr. Nichols	11/19/03	0.93	0.12	7.75	17.14
D7	Grizzly Bay @ Dophin nr. Suisun Slough	12/17/03	1.86	0.12	15.50	34.28
D6	Suisun Bay @ Bulls Head nr. Martinez	12/18/03	1.15	0.10	11.50	25.43
D8	Suisun Bay off Middle Pt. nr. Nichols	12/18/03	1.07	0.11	9.73	21.51
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/16/04	1.10	0.13	8.46	18.71
D6	Suisun Bay @ Bulls Head nr. Martinez	1/21/04	0.88	0.10	8.80	19.46
D8	Suisun Bay off Middle Pt. nr. Nichols	1/21/04	0.89	0.12	7.42	16.40
D8	Suisun Bay off Middle Pt. nr. Nichols	2/19/04	0.94	0.11	8.55	18.90
D6	Suisun Bay @ Bulls Head nr. Martinez	2/19/04	1.15	0.14	8.21	18.16
D7	Grizzly Bay @ Dophin nr. Suisun Slough	2/23/04	0.95	0.18	5.28	11.67
D7	Grizzly Bay @ Dophin nr. Suisun Slough	3/16/04	1.15	0.11	10.45	23.12
D6	Suisun Bay @ Bulls Head nr. Martinez	3/17/04	0.76	0.09	8.44	18.67
D8	Suisun Bay off Middle Pt. nr. Nichols	3/17/04	0.66	0.09	7.33	16.22
D7	Grizzly Bay @ Dophin nr. Suisun Slough	4/13/04	0.76	0.14	5.43	12.00
D6	Suisun Bay @ Bulls Head nr. Martinez	4/14/04	1.17	0.12	9.75	21.56
D8	Suisun Bay off Middle Pt. nr. Nichols	4/14/04	0.60	0.10	6.00	13.27
D7	Grizzly Bay @ Dophin nr. Suisun Slough	5/12/04	0.70	0.10	7.00	15.48
D6	Suisun Bay @ Bulls Head nr. Martinez	5/13/04	0.81	0.09	9.00	19.90
D8	Suisun Bay off Middle Pt. nr. Nichols	5/13/04	0.61	0.11	5.55	12.26
D7	Grizzly Bay @ Dophin nr. Suisun Slough	6/8/04	0.83	0.12	6.92	15.30
D6	Suisun Bay @ Bulls Head nr. Martinez	6/9/04	0.91	0.10	9.10	20.12
D8	Suisun Bay off Middle Pt. nr. Nichols	6/9/04	0.85	0.11	7.73	17.09
D7	Grizzly Bay @ Dophin nr. Suisun Slough	7/7/04	0.91	0.19	4.79	10.59
D8	Suisun Bay off Middle Pt. nr. Nichols	7/8/04	0.87	0.12	7.25	16.03
D6	Suisun Bay @ Bulls Head nr. Martinez	7/8/04	0.90	0.15	6.00	13.27
D7	Grizzly Bay @ Dophin nr. Suisun Slough	8/23/04	0.81	0.14	5.79	12.79
D8	Suisun Bay off Middle Pt. nr. Nichols	8/24/04	0.75	0.11	6.82	15.08
D6	Suisun Bay @ Bulls Head nr. Martinez	8/24/04	0.83	0.14	5.93	13.11
D7	Grizzly Bay @ Dophin nr. Suisun Slough	9/22/04	0.89	0.13	6.85	15.14
D8	Suisun Bay off Middle Pt. nr. Nichols	9/23/04	0.58	0.11	5.27	11.66
D6	Suisun Bay @ Bulls Head nr. Martinez	9/23/04	0.54	0.13	4.15	9.19
D7	Grizzly Bay @ Dophin nr. Suisun Slough	10/20/04	1.47	0.10	14.70	32.51
D6	Suisun Bay @ Bulls Head nr. Martinez	10/21/04	1.06	0.10	10.60	23.44
D8	Suisun Bay off Middle Pt. nr. Nichols	10/21/04	0.68	0.11	6.18	13.67
D7	Grizzly Bay @ Dophin nr. Suisun Slough	11/19/04	0.94	0.09	10.44	23.10
D6	Suisun Bay @ Bulls Head nr. Martinez	11/22/04	0.82	0.08	10.25	22.67
D8	Suisun Bay off Middle Pt. nr. Nichols	11/22/04	0.87	0.09	9.67	21.38
D7	Grizzly Bay @ Dophin nr. Suisun Slough	12/20/04	1.42	0.17	8.35	18.47
D8	Suisun Bay off Middle Pt. nr. Nichols	12/21/04	1.44	0.12	12.00	26.54
D6	Suisun Bay @ Bulls Head nr. Martinez	12/21/04	1.07	0.11	9.73	21.51
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/19/05	1.20	0.08	15.00	33.17
D6	Suisun Bay @ Bulls Head nr. Martinez	1/20/05	0.97	0.10	9.70	21.45
D8	Suisun Bay off Middle Pt. nr. Nichols	1/20/05	1.12	0.15	7.47	16.51
D7	Grizzly Bay @ Dophin nr. Suisun Slough	2/16/05	1.12	0.12	9.33	20.64
D6	Suisun Bay @ Bulls Head nr. Martinez	2/17/05	0.87	0.09	9.67	21.38

D8	Suisun Bay off Middle Pt. nr. Nichols	2/17/05	1.00	0.11	9.09	20.10
D7	Grizzly Bay @ Dophin nr. Suisun Slough	3/21/05	1.11	0.13	8.54	18.88
D6	Suisun Bay @ Bulls Head nr. Martinez	3/22/05	1.10	0.10	11.00	24.33
D8	Suisun Bay off Middle Pt. nr. Nichols	3/22/05	0.98	0.12	8.17	18.06
D7	Grizzly Bay @ Dophin nr. Suisun Slough	4/18/05	0.76	0.10	7.60	16.81
D8	Suisun Bay off Middle Pt. nr. Nichols	4/19/05	0.75	0.09	8.33	18.43
D6	Suisun Bay @ Bulls Head nr. Martinez	4/19/05	0.75	0.38	1.97	4.36
D7	Grizzly Bay @ Dophin nr. Suisun Slough	5/18/05	0.65	0.15	4.33	9.58
D6	Suisun Bay @ Bulls Head nr. Martinez	5/19/05	0.69	0.10	6.90	15.26
D8	Suisun Bay off Middle Pt. nr. Nichols	5/19/05	0.53	0.08	6.63	14.65
D7	Grizzly Bay @ Dophin nr. Suisun Slough	6/15/05	0.51	0.10	5.10	11.28
D6	Suisun Bay @ Bulls Head nr. Martinez	6/16/05	0.54	0.08	6.75	14.93
D8	Suisun Bay off Middle Pt. nr. Nichols	6/16/05	0.50	0.08	6.25	13.82
D7	Grizzly Bay @ Dophin nr. Suisun Slough	7/13/05	0.59	0.11	5.36	11.86
D6	Suisun Bay @ Bulls Head nr. Martinez	7/14/05	0.70	0.11	6.36	14.07
D8	Suisun Bay off Middle Pt. nr. Nichols	7/14/05	0.57	0.09	6.33	14.01
D7	Grizzly Bay @ Dophin nr. Suisun Slough	8/10/05	1.26	0.18	7.00	15.48
D6	Suisun Bay @ Bulls Head nr. Martinez	8/11/05	0.66	0.09	7.33	16.22
D8	Suisun Bay off Middle Pt. nr. Nichols	8/11/05	0.44	0.08	5.50	12.16
D7	Grizzly Bay @ Dophin nr. Suisun Slough	9/23/05	0.72	0.16	4.50	9.95
D8	Suisun Bay off Middle Pt. nr. Nichols	9/26/05	0.58	0.10	5.80	12.83
D6	Suisun Bay @ Bulls Head nr. Martinez	9/26/05	0.66	0.12	5.50	12.16
D7	Grizzly Bay @ Dophin nr. Suisun Slough	10/24/05	1.05	0.15	7.00	15.48
D8	Suisun Bay off Middle Pt. nr. Nichols	10/25/05	0.85	0.11	7.73	17.09
D6	Suisun Bay @ Bulls Head nr. Martinez	10/25/05	0.73	0.12	6.08	13.45
D7	Grizzly Bay @ Dophin nr. Suisun Slough	11/21/05	1.17	0.12	9.75	21.56
D8	Suisun Bay off Middle Pt. nr. Nichols	11/22/05	1.08	0.10	10.80	23.88
D6	Suisun Bay @ Bulls Head nr. Martinez	11/22/05	0.94	0.15	6.27	13.86
D7	Grizzly Bay @ Dophin nr. Suisun Slough	12/21/05	1.02	0.10	10.20	22.56
D8	Suisun Bay off Middle Pt. nr. Nichols	12/22/05	1.00	0.10	10.00	22.11
D6	Suisun Bay @ Bulls Head nr. Martinez	12/22/05	1.10	0.13	8.46	18.71
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/23/06		0.10		
D6	Suisun Bay @ Bulls Head nr. Martinez	1/24/06	0.75	0.09	8.33	18.43
D8	Suisun Bay off Middle Pt. nr. Nichols	1/24/06	0.66	0.08	8.25	18.24
D7	Grizzly Bay @ Dophin nr. Suisun Slough	2/21/06	0.57	0.08	7.13	15.76
D6	Suisun Bay @ Bulls Head nr. Martinez	2/22/06	0.70	0.07	10.00	22.11
D8	Suisun Bay off Middle Pt. nr. Nichols	2/22/06	0.51	0.06	8.50	18.80
D7	Grizzly Bay @ Dophin nr. Suisun Slough	3/22/06	0.43	0.04	10.75	23.77
D8	Suisun Bay off Middle Pt. nr. Nichols	3/23/06	0.49	0.04	12.25	27.09
D6	Suisun Bay @ Bulls Head nr. Martinez	3/23/06	0.57	0.07	8.14	18.01
D7	Grizzly Bay @ Dophin nr. Suisun Slough	4/21/06	0.43	0.08	5.38	11.89
D6	Suisun Bay @ Bulls Head nr. Martinez	4/24/06	0.54	0.04	13.50	29.85
D8	Suisun Bay off Middle Pt. nr. Nichols	4/24/06	0.45	0.07	6.43	14.22
D7	Grizzly Bay @ Dophin nr. Suisun Slough	5/19/06	0.54	0.08	6.75	14.93
D6	Suisun Bay @ Bulls Head nr. Martinez	5/22/06	0.38	0.05	7.60	16.81
D8	Suisun Bay off Middle Pt. nr. Nichols	5/22/06	0.45	0.06	7.50	16.59
D6	Suisun Bay @ Bulls Head nr. Martinez	6/26/06	0.57	0.08	7.13	15.76
D8	Suisun Bay off Middle Pt. nr. Nichols	6/26/06	0.46	0.10	4.60	10.17
D7	Grizzly Bay @ Dophin nr. Suisun Slough	6/27/06	0.57	0.13	4.38	9.70
D7	Grizzly Bay @ Dophin nr. Suisun Slough	7/17/06	0.71	0.10	7.10	15.70
D6	Suisun Bay @ Bulls Head nr. Martinez	7/18/06	0.72	0.10	7.20	15.92
D8	Suisun Bay off Middle Pt. nr. Nichols	7/18/06	0.54	0.10	5.40	11.94
D6	Suisun Bay @ Bulls Head nr. Martinez	8/16/06	0.58	0.10	5.80	12.83
D8	Suisun Bay off Middle Pt. nr. Nichols	8/16/06	0.45	0.08	5.63	12.44
D7	Grizzly Bay @ Dophin nr. Suisun Slough	8/18/06	0.66	0.27	2.44	5.41
D7	Grizzly Bay @ Dophin nr. Suisun Slough	9/13/06	0.62	0.10	6.20	13.71
D8	Suisun Bay off Middle Pt. nr. Nichols	9/14/06	0.70	0.10	7.00	15.48
D6	Suisun Bay @ Bulls Head nr. Martinez	9/14/06	0.64	0.11	5.82	12.87
D7	Grizzly Bay @ Dophin nr. Suisun Slough	10/12/06	0.77	0.11	7.00	15.48

D8	Suisun Bay off Middle Pt. nr. Nichols	10/16/06	0.77	0.09	8.56	18.92
D6	Suisun Bay @ Bulls Head nr. Martinez	10/16/06	0.79	0.12	6.58	14.56
D7	Grizzly Bay @ Dophin nr. Suisun Slough	11/13/06	0.83	0.09	9.22	20.39
D8	Suisun Bay off Middle Pt. nr. Nichols	11/14/06	0.84	0.06	14.00	30.96
D6	Suisun Bay @ Bulls Head nr. Martinez	11/14/06	0.81	0.10	8.10	17.91
D7	Grizzly Bay @ Dophin nr. Suisun Slough	12/11/06	1.11	0.09	12.33	27.27
D6	Suisun Bay @ Bulls Head nr. Martinez	12/12/06	1.07	0.09	11.89	26.29
D8	Suisun Bay off Middle Pt. nr. Nichols	12/12/06	1.02	0.10	10.20	22.56
D7	Grizzly Bay @ Dophin nr. Suisun Slough	1/12/07	1.57	0.11	14.27	31.56
D8	Suisun Bay off Middle Pt. nr. Nichols	1/16/07	1.16	0.09	12.89	28.50
D6	Suisun Bay @ Bulls Head nr. Martinez	1/17/07	0.97	0.10	9.70	21.45

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