

APPENDIX 3B

SUMMARY STATISTICS FOR WATER QUALITY DATA MEASURED AT ALL SAMPLING SITES

LIST OF SAMPLE SITES

SiteID	Total Days	Total Samples	Site Name
FA00	10	10	FALL CREEK NEAR MOUTH
JE00	10	10	JENNY CREEK NEAR MOUTH
KR17600	7	7	KLAMATH RIVER ABOVE SHASTA RIVER
KR18973	40	40	IRON GATE DAM OUTFLOW
KR19019	40	913	IRONGATE RES NR HORN BROOK
KR19645	18	19	COPCO 2 DAM OUTFLOW
KR19874	39	754	COPCO LAKE NR COPCO
KR20642	38	38	KLAMATH RIVER U/S SHOVEL CREEK
KR20750	12	18	KLAMATH RIVER BELOW STATELINE
KR20932	12	18	KLAMATH RIVER NEAR STATELINE (KR4)
KR22040	25	102	KLAMATH RIVER U/S JC BOYLE POWERHOUSE
KR22460	24	27	KLAMATH RIVER BELOW BOYLE DAM (KR2)
KR22478	37	333	JC BOYLE RESERVOIR AT LOG BOOM
KR22505	8	120	JC BOYLE RESERVOIR AT DEEPEST POINT
KR22600	1	1	JC BOYLE RESERVOIR AT HWY 66 BRIDGE
KR22822	25	100	KLAMATH RIVER ABV JC BOYLE RESERVOIR (KR1)
KR23334	23	24	KENO DAM OUTFLOW
KR23360	8	39	KENO RESERVOIR AT LOG BOOM
KR23490	36	115	KLAMATH RIVER AT KENO BRIDGE (HWY 66)
KR23828	14	97	KLAMATH RIVER DIRECTLY D/S OF KLAMATH STRAIT
KR24148	14	96	KLAMATH RIVER U/S OF KLAMATH STRAIT
KR24589	27	90	KLAMATH RIVER AT MILLER ISLAND BOAT RAMP
KR25079	14	66	KLAMATH RIVER AT SOUTH-SIDE BYPASS BRIDGE
KR25312	29	80	LINK RIVER AT MOUTH
KR25344	13	66	LINK RIVER (421404121480101)
KR25479	9	12	UPPER KLAMATH LAKE AT FREMONT ST BRIDGE
KS00	7	25	KLAMATH STRAIT 200' D/S PUMP STATION F (S CHAN)
KS01	27	64	KLAMATH STRAIT AT PUMPING PLANT F
LK00	3	10	LOST RIVER DIVERSION CANAL AT KLAMATH RIVER
PC00	15	90	JC BOYLE POWERHOUSE TAILRACE
SH01	23	27	SHASTA RIVER NEAR MOUTH
SP00	12	13	SPENCER CREEK NEAR MOUTH
SR00	11	13	SHOVEL CREEK NEAR MOUTH
Total	631	3437	

LIST OF VARIABLES

Variable Name	Variable Definition																						
ALKT	Total alkalinity, mg/L as CaCO ₃																						
BOD	Biochemical oxygen demand, mg/L																						
CHLA	Chlorophyll a, µg/L																						
COND	Conductivity, µS/cm, not corrected to 25 C																						
DATE	Date of sample collection or measurement																						
DAY	Day of year																						
DEPTH	Depth of sample, m																						
DOCON	Dissolved oxygen, mg/L																						
DOPER	Dissolved oxygen saturation, percent, as measured. (Some values referenced to local conditions, some to sea level.)																						
GROUP	Group ID based on hierarchical clusters																						
IGCFS	Discharge USGS gauge below Irongate dam on day of sample, cfs																						
JCBCFS	Discharge at USGS gauge below J.C. Boyle dam on day of sample, cfs																						
MONTH	Month of year																						
NAME	Name of site																						
NH ₃	Ammonia nitrogen, mg/L as N																						
NO ₃	Nitrate plus nitrite nitrogen, mg/L as N																						
ORP	Oxidation-reduction potential value measured by E&S, mv (BOR values included in italics)																						
PH	pH value, units																						
PO ₄	Orthophosphate phosphorus, mg/L as P																						
PT	Total phosphorus, mg/L as P																						
REACH	Reach number as defined in reach summary documents																						
	<table border="0" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Reach</th> <th style="text-align: left;">Location</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Link River/UKL</td> </tr> <tr> <td>2</td> <td>Lake Ewauna/Keno</td> </tr> <tr> <td>3</td> <td>Keno Reach</td> </tr> <tr> <td>4</td> <td>Boyle Reservoir</td> </tr> <tr> <td>5</td> <td>Bypass Reach</td> </tr> <tr> <td>6</td> <td>Peaking Reach</td> </tr> <tr> <td>7</td> <td>Copco Reservoir</td> </tr> <tr> <td>8</td> <td>Copco to Iron Gate</td> </tr> <tr> <td>9</td> <td>Iron Gate Reservoir</td> </tr> <tr> <td>10</td> <td>Below Iron Gate Dam</td> </tr> </tbody> </table>	Reach	Location	1	Link River/UKL	2	Lake Ewauna/Keno	3	Keno Reach	4	Boyle Reservoir	5	Bypass Reach	6	Peaking Reach	7	Copco Reservoir	8	Copco to Iron Gate	9	Iron Gate Reservoir	10	Below Iron Gate Dam
Reach	Location																						
1	Link River/UKL																						
2	Lake Ewauna/Keno																						
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6	Peaking Reach																						
7	Copco Reservoir																						
8	Copco to Iron Gate																						
9	Iron Gate Reservoir																						
10	Below Iron Gate Dam																						
REDOX	Oxidation-reduction potential value measured by USBR, mv																						
RM	River mile of site location, based on GIS coverage. River mile for TYPE,Tribs = approximate RM where Trib joins Klamath River																						
SECCHI	Secchi depth, m																						
SEQUENCE	SITEID with 2-digit sequential numeric prefix																						
SITEID	Site ID based on 2 letter alpha stream code plus 5 number site code based on river mile (RMx100)																						
SITEIDA	SITEID with alpha suffix: A=AM, P=PM, E = Epilimnion (depth < 9 m), M = Metalimnion (depth >9 m to 20 m), Hypolimnion, (depth > 20 m)																						
SPC	Conductivity, µS/cm corrected to 25 C. (Calculated from COND where not recorded in field)																						
TDS	Total dissolved solids, mg/L																						
TEMP	Water temperature, degrees C																						
TIME	Time of day sample was collected or measured																						
TIN	NH ₃ + NO ₃																						
TINPTRATI	TIN / PT																						
TKN	Total Kjeldahl nitrogen, mg/L as N																						

TNTP	TOTN / PT
TOTN	TKN + NO ₃
TSS	Total suspended solids, mg/L
TURB	Turbidity, NTU
TVS	Total volatile solids, mg/L
TYPE	Type of sampling site, Res = Iron Gate and Copco reservoirs, Riv = sites on Klamath River, Trib = sites on tributaries
YEAR	Year of sample

SUMMARY STATISTICS

Water quality sampling data collected from March 2000 through November 2003 at various sites in the Klamath Hydroelectric Project, Klamath County, Oregon, and Siskiyou County, California.

Variable = Total Alkalinity (ALKT). Units are in mg/L as CaCO₃.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	74.222	72	74	76
JE00	Jenny Creek near the mouth	9	75	44	82	99
KR17600	Klamath River upstream of Shasta River	7	76.286	68	76	82
KR18973	Iron Gate dam outflow	26	78.392	56	79.5	107
KR19019E	Iron Gate reservoir near Hornbrook	15	69.067	55	70	100
KR19019H	Iron Gate reservoir near Hornbrook	13	67.308	32	70	76
KR19019M	Iron Gate reservoir near Hornbrook	11	63.545	5	65	90
KR19645	Copco No. 2 dam outflow	9	73.111	65	71	83
KR19874H	Copco Lake near Copco	15	71.8	57	71	84
KR19874E	Copco Lake near Copco	14	68.857	54	70	84
KR19874M	Copco Lake near Copco	9	71.111	55	74	80
KR20642	Klamath River upstream of Shovel Creek	26	76.177	53	71.5	127
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	9	68.556	61	68	80
KR22460	Klamath River below J.C. Boyle dam	9	69.667	54	65	100
KR22478E	J.C. Boyle reservoir at log boom	13	65	50	58	104
KR22478H	J.C. Boyle reservoir at log boom	13	65.538	51	58	104
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	9	71.444	56	69	102
KR23334	Keno dam outflow	9	73.444	60	72	104
KR23360E	Keno reservoir at log boom	5	59	55	60	63
KR23360H	Keno reservoir at log boom	3	62	61	62	63
KR23490	Klamath River at Keno Bridge (Hwy. 66)	27	83.437	2	80	156
KR23828	Klamath River directly south of Klamath Straits Drain	14	80.929	60	80.5	114
KR24148	Klamath River upstream of Klamath Straits Drain	14	61	48	57	88
KR24589	Klamath River at Miller Island boat ramp	27	64.841	20.5	60	128
KR25079	Klamath River at South-Side Bypass Bridge	14	53.714	48	52	60
KR25312	Link River at mouth		48.933	42	48	58
KR25344	Link River near powerhouse		51.786	46	50	60
KR25479	Upper Klamath Lake at Fremont St. Bridge		43	43	43	43
KS00	Klamath Strait 200 feet downstream of pump station F		M	M	M	M
KS01	Klamath Straits Drain at pumping plant F		195.9	60	195	349.4
LK00	Lost River diversion canal at Klamath River		M	M	M	M
PC00	J.C. Boyle power plant tailrace		88.333	53	65	240
SH01	Shasta River near mouth		292.9	161	289.5	435.3
SP00	Spencer Creek near mouth		51.889	23	58	66
SR00	Shovel Creek near mouth		54.875	32	59.5	82

Variable = Biochemical Oxygen Demand (BOD). Units are in mg/L.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	2.8333	1.5	1.5	7
JE00	Jenny Creek near the mouth	9	1.8333	1.5	1.5	4
KR17600	Klamath River upstream of Shasta River	7	2.5714	1.5	1.5	5
KR18973	Iron Gate dam outflow	31	3.2903	0.6	3	14
KR19019E	Iron Gate reservoir near Hornbrook	25	3.94	1	3	14
KR19019H	Iron Gate reservoir near Hornbrook	24	1.7917	0	1.5	3
KR19019M	Iron Gate reservoir near Hornbrook	18	2.5278	0	3	6
KR19645	Copco No. 2 dam outflow	17	2.5453	0.47	2	6
KR19874H	Copco Lake near Copco	26	4.3462	1.5	3.5	12
KR19874E	Copco Lake near Copco	25	7.26	1.5	3	42
KR19874M	Copco Lake near Copco	17	2.6471	1	3	6
KR20642	Klamath River upstream of Shovel Creek	33	2.9491	0.72	3	9
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	17	1.6365	0	1.5	5
KR22460	Klamath River below J.C. Boyle dam	17	2.7394	1	1.5	6
KR22478E	J.C. Boyle reservoir at log boom	23	4.2391	1.5	3	14
KR22478H	J.C. Boyle reservoir at log boom	22	4.0682	1.5	3	13
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	17	3.1012	1	3	7
KR23334	Keno dam outflow	17	5.0335	1	4	19
KR23360E	Keno reservoir at log boom	5	10.8	6	8	21
KR23360H	Keno reservoir at log boom	3	7	4	6	11
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	4.9144	1	3.85	19
KR23828	Klamath River directly south of Klamath Straits Drain	13	4.6923	3	4	8
KR24148	Klamath River upstream of Klamath Straits Drain	14	5.5	3	5	10
KR24589	Klamath River at Miller Island boat ramp	28	5.1786	3	5	10
KR25079	Klamath River at South-Side Bypass Bridge	14	6.2857	3	4.5	18
KR25312	Link River at mouth	23	7.2052	1	7.2	27
KR25344	Link River near powerhouse	14	7.3571	3	7.5	14
KR25479	Upper Klamath Lake at Fremont St. Bridge	1	1.5	1.5	1.5	1.5
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	7.1071	3	4.5	60
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	8	2.375	1.5	2.25	4
SH01	Shasta River near mouth	22	3.1136	1.5	3	7
SP00	Spencer Creek near mouth	9	2.1667	1.5	1.5	5
SR00	Shovel Creek near mouth	8	1.5	1.5	1.5	1.5

Variable = Chlorophyll *a* (CHLA). Units are in µg/L

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	1.71	0.4	1	5.4
JE00	Jenny Creek near the mouth	10	1.46	0.4	1.25	2.9
KR17600	Klamath River upstream of Shasta River	6	8.15	2	3.65	27
KR18973	Iron Gate dam outflow	33	7.4394	0	5.1	29
KR19019E	Iron Gate reservoir near Hornbrook	27	10.319	1	6.3	58
KR19019H	Iron Gate reservoir near Hornbrook	13	6.1462	0	1	32
KR19019M	Iron Gate reservoir near Hornbrook	14	3.9357	0	1.75	20
KR19645	Copco No. 2 dam outflow	18	10.967	1	3.65	81.7
KR19874H	Copco Lake near Copco	14	4.6	0	1.25	41
KR19874E	Copco Lake near Copco	27	10.741	0	6.1	44.8
KR19874M	Copco Lake near Copco	14	3.45	0	2.2	15
KR20642	Klamath River upstream of Shovel Creek	33	7.4636	0.8	5.4	23
KR20750A	Klamath River below Stateline	4	9.825	2.9	11.25	13.9
KR20750P	Klamath River below Stateline	4	8.95	2.4	9.4	14.6
KR20932A	Klamath River near Stateline	3	7.2	2.4	6.8	12.4
KR20932P	Klamath River near Stateline	4	8.4	2.9	9.15	12.4
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	18	4.4722	1.2	3.4	16
KR22460	Klamath River below J.C. Boyle dam	18	12.128	1	7.65	38
KR22478E	J.C. Boyle reservoir at log boom	24	15.1	0	5.25	93
KR22478H	J.C. Boyle reservoir at log boom	19	13.095	0	5.1	47
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	35	35	35	35
KR22822	Klamath River above J.C. Boyle reservoir	17	14.541	2	8.8	58
KR23334	Keno dam outflow	17	25.765	2	10.2	88
KR23360E	Keno reservoir at log boom	3	39.8	28.7	29.2	61.5
KR23360H	Keno reservoir at log boom	2	29.25	11.8	29.25	46.7
KR23490	Klamath River at Keno Bridge (Hwy. 66)	37	21.17	0	15	123
KR23828	Klamath River directly south of Klamath Straits Drain	14	28.329	3.2	14.5	114
KR24148	Klamath River upstream of Klamath Straits Drain	14	37.921	3.2	30	107
KR24589	Klamath River at Miller Island boat ramp	28	36.021	2.1	18	288
KR25079	Klamath River at South-Side Bypass Bridge	14	48.836	2.7	26.5	215
KR25312	Link River at mouth	26	57.523	1	33.65	257
KR25344	Link River near powerhouse	13	74.031	2.1	70	255
KR25479	Upper Klamath Lake at Fremont St. Bridge	4	44.075	3.7	27.8	117
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	17.4	0	7.05	109
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	10	9.86	0.1	5.5	35
SH01	Shasta River near mouth	21	2.481	0	2	7.3
SP00	Spencer Creek near mouth	10	2.4	0.9	1.75	8.8
SR00	Shovel Creek near mouth	11	2.0455	0.5	2	3.4

Variable = Conductivity (COND). Units are in $\mu\text{S}/\text{cm}$ (not corrected to 25°C).

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	114	95	107	145
JE00	Jenny Creek near the mouth	10	140.2	56	162.5	205
KR17600	Klamath River upstream of Shasta River	7	183.29	151	186	207
KR18973	Iron Gate dam outflow	37	148.24	85	145	211
KR19019E	Iron Gate reservoir near Hornbrook	292	141.43	51	141	226
KR19019H	Iron Gate reservoir near Hornbrook	382	131.24	84	127	320
KR19019M	Iron Gate reservoir near Hornbrook	216	133.54	4.7	127.5	207
KR19645	Copco No. 2 dam outflow	18	141.56	94	136	189
KR19874H	Copco Lake near Copco	217	135.16	82	130	210
KR19874E	Copco Lake near Copco	322	141.8	80	145	247
KR19874M	Copco Lake near Copco	194	137.59	82	136.5	242
KR20642	Klamath River upstream of Shovel Creek	36	143.29	84	133	251
KR20750A	Klamath River below Stateline	10	188.1	110	201.5	281
KR20750P	Klamath River below Stateline	8	189.75	110	199.5	260
KR20932A	Klamath River near Stateline	10	176.7	104	186	251
KR20932P	Klamath River near Stateline	8	185.88	106	183	254
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	22	127.09	99	131.5	154
KR22460	Klamath River below J.C. Boyle dam	21	161.52	91	141	251
KR22478E	J.C. Boyle reservoir at log boom	146	157.42	64	144	265
KR22478H	J.C. Boyle reservoir at log boom	115	157.32	89	139	259
KR22505E	J.C. Boyle reservoir at deepest point	23	222.74	149	250	273
KR22505H	J.C. Boyle reservoir at deepest point	31	225.42	147	244	252
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	251	251	251	251
KR22822	Klamath River above J.C. Boyle reservoir	21	165.1	55	155	256
KR23334	Keno dam outflow	16	166.94	88	166.5	250
KR23360E	Keno reservoir at log boom	18	102.61	90	96.5	119
KR23360H	Keno reservoir at log boom	21	102.67	90	108	118
KR23490	Klamath River at Keno Bridge (Hwy. 66)	27	178.78	89	165	315
KR23828	Klamath River directly south of Klamath Straits Drain	0	M	M	M	M
KR24148	Klamath River upstream of Klamath Straits Drain	0	M	M	M	M
KR24589	Klamath River at Miller Island boat ramp	13	131	101.9	118.1	205
KR25079	Klamath River at South-Side Bypass Bridge	0	M	M	M	M
KR25312	Link River at mouth	14	95	75	96.5	111
KR25344	Link River near powerhouse	0	M	M	M	M
KR25479	Upper Klamath Lake at Fremont St. Bridge	6	100.33	79	97	137
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	13	553.23	340	528	740
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	12	171.42	92	166.5	241
SH01	Shasta River near mouth	24	513	382	509	685
SP00	Spencer Creek near mouth	13	81.877	28	77	115
SR00	Shovel Creek near mouth	9	78	38	80	118

Variable = Dissolved Oxygen (DOCON). Units are in mg/L.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	10.696	8.64	10.725	11.74
JE00	Jenny Creek near the mouth	10	10.564	8.52	10.7	12.59
KR17600	Klamath River upstream of Shasta River	7	10.56	8.16	10.71	12.05
KR18973	Iron Gate dam outflow	38	8.7579	5.91	8.615	12.83
KR19019E	Iron Gate reservoir near Hornbrook	302	8.7173	1.91	9.2	16.85
KR19019H	Iron Gate reservoir near Hornbrook	386	4.0394	0.04	3.705	12
KR19019M	Iron Gate reservoir near Hornbrook	224	5.7422	0.09	6.075	12.72
KR19645	Copco No. 2 dam outflow	19	8.5063	5.98	8.38	10.78
KR19874H	Copco Lake near Copco	221	3.4224	0.05	1.28	12.27
KR19874E	Copco Lake near Copco	333	9.137	0.06	9.13	17.12
KR19874M	Copco Lake near Copco	200	6.0806	0.07	6.695	12.36
KR20642	Klamath River upstream of Shovel Creek	36	9.9158	7.19	9.775	12.46
KR20750A	Klamath River below Stateline	10	8.531	7.35	8.33	10.22
KR20750P	Klamath River below Stateline	8	8.92	6.86	8.865	10.71
KR20932A	Klamath River near Stateline	10	7.634	6.55	7.655	9.45
KR20932P	Klamath River near Stateline	8	8.2588	6.46	8.35	9.45
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	29	10.082	8.24	9.95	11.89
KR22460	Klamath River below J.C. Boyle dam	24	9.0129	4.4	8.81	12.49
KR22478E	J.C. Boyle reservoir at log boom	187	8.7989	2	8.61	15.27
KR22478H	J.C. Boyle reservoir at log boom	144	7.2334	0	7.31	11.39
KR22505E	J.C. Boyle reservoir at deepest point	54	9.9356	3.9	11.09	15.85
KR22505H	J.C. Boyle reservoir at deepest point	65	7.9248	1.55	9.7	11.65
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	10.74	10.74	10.74	10.74
KR22822	Klamath River above J.C. Boyle reservoir	26	9.3838	6.6	9.19	13.65
KR23334	Keno dam outflow	24	8.7775	5.11	8.67	11.94
KR23360E	Keno reservoir at log boom	18	6.3044	2.42	6.625	10.76
KR23360H	Keno reservoir at log boom	21	3.1219	0.11	1.74	6.67
KR23490	Klamath River at Keno Bridge (Hwy. 66)	111	6.4214	0.06	6.55	13.33
KR23828	Klamath River directly south of Klamath Straits Drain	97	6.0444	0.04	6.03	14.26
KR24148	Klamath River upstream of Klamath Straits Drain	95	7.4403	0.06	8.64	15.47
KR24589	Klamath River at Miller Island boat ramp	89	5.0778	0.05	4.32	13.65
KR25079	Klamath River at South-Side Bypass Bridge	66	6.1226	1.32	5.935	10.08
KR25312	Link River at mouth	80	8.406	5.74	8.65	12.39
KR25344	Link River near powerhouse	66	8.505	3.77	9.115	12.18
KR25479	Upper Klamath Lake at Fremont St. Bridge	12	9.0525	5	9.795	11.74
KS00	Klamath Strait 200 feet downstream of pump station F	25	5.0808	2.08	5.31	8.06
KS01	Klamath Straits Drain at pumping plant F	63	5.0043	1.54	4.89	14.2
LK00	Lost River diversion canal at Klamath River	10	8.601	8.54	8.615	8.65
PC00	J.C. Boyle power plant tailrace	90	8.6388	5.3	8.795	11.75
SH01	Shasta River near mouth	24	9.2675	7.2	8.915	11.97
SP00	Spencer Creek near mouth	12	10.131	7.8	10.4	12.73
SR00	Shovel Creek near mouth	11	10.122	7.91	9.88	11.89

Variable = Ammonia Nitrogen (NH₃). Units are in mg/L as N.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.0583	0.025	0.05	0.1
JE00	Jenny Creek near the mouth	9	0.055	0.025	0.05	0.1
KR17600	Klamath River upstream of Shasta River	7	0.0957	0.04	0.09	0.19
KR18973	Iron Gate dam outflow	33	0.1057	0.05	0.08	0.3
KR19019E	Iron Gate reservoir near Hornbrook	23	0.0898	0.025	0.07	0.28
KR19019H	Iron Gate reservoir near Hornbrook	24	0.1002	0.025	0.09	0.22
KR19019M	Iron Gate reservoir near Hornbrook	17	0.1268	0.025	0.09	0.73
KR19645	Copco No. 2 dam outflow	17	0.127	0.025	0.11	0.26
KR19874H	Copco Lake near Copco	27	0.5481	0.08	0.42	1.6
KR19874E	Copco Lake near Copco	26	0.0981	0.025	0.085	0.39
KR19874M	Copco Lake near Copco	19	0.1887	0.055	0.14	0.73
KR20642	Klamath River upstream of Shovel Creek	30	0.0816	0.025	0.059	0.31
KR20750A	Klamath River below Stateline	10	0.092	0.05	0.09	0.12
KR20750P	Klamath River below Stateline	8	0.1063	0.05	0.085	0.26
KR20932A	Klamath River near Stateline	10	0.081	0.04	0.075	0.13
KR20932P	Klamath River near Stateline	8	0.1038	0.05	0.08	0.29
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	0.0775	0.025	0.08	0.15
KR22460	Klamath River below J.C. Boyle dam	23	0.1863	0	0.15	0.36
KR22478E	J.C. Boyle reservoir at log boom	29	0.1974	0.07	0.16	0.5
KR22478H	J.C. Boyle reservoir at log boom	28	0.2517	0.05	0.23	0.56
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	0.1403	0.025	0.119	0.47
KR23334	Keno dam outflow	23	0.3175	0.025	0.22	0.82
KR23360E	Keno reservoir at log boom	3	1.0767	0.97	1.04	1.22
KR23360H	Keno reservoir at log boom	3	1.1467	0.81	1.17	1.46
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	0.373	0.04	0.2795	1.47
KR23828	Klamath River directly south of Klamath Straits Drain	14	0.2857	0.07	0.185	1.03
KR24148	Klamath River upstream of Klamath Straits Drain	14	0.2679	0.05	0.16	0.93
KR24589	Klamath River at Miller Island boat ramp	28	0.4386	0.05	0.38	1.53
KR25079	Klamath River at South-Side Bypass Bridge	13	0.3192	0.08	0.33	0.57
KR25312	Link River at mouth	29	0.1727	0.025	0.16	0.57
KR25344	Link River near powerhouse	14	0.2121	0.06	0.13	0.97
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.1643	0.025	0.21	0.25
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	0.5589	0.07	0.41	2.47
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	0.1904	0.025	0.2	0.41
SH01	Shasta River near mouth	22	0.118	0.025	0.06	0.48
SP00	Spencer Creek near mouth	11	0.0464	0.025	0.03	0.1
SR00	Shovel Creek near mouth	10	0.0565	0.025	0.06	0.09

Variable = Nitrate + Nitrite Nitrogen (NO₃). Units are in mg/L as N.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.065	0.025	0.07	0.09
JE00	Jenny Creek near the mouth	9	0.025	0.025	0.025	0.025
KR17600	Klamath River upstream of Shasta River	7	0.1586	0.025	0.21	0.33
KR18973	Iron Gate dam outflow	34	0.3194	0.025	0.2545	0.91
KR19019E	Iron Gate reservoir near Hornbrook	27	0.269	-4.00E-03	0.23	0.69
KR19019H	Iron Gate reservoir near Hornbrook	28	0.5474	0.28	0.577	0.85
KR19019M	Iron Gate reservoir near Hornbrook	20	0.3571	0.15	0.335	0.66
KR19645	Copco No. 2 dam outflow	17	0.3148	0.025	0.265	0.599
KR19874H	Copco Lake near Copco	26	0.3969	1.00E-03	0.353	1.23
KR19874E	Copco Lake near Copco	26	0.3335	0.025	0.312	0.88
KR19874M	Copco Lake near Copco	19	0.3778	0.05	0.33	0.82
KR20642	Klamath River upstream of Shovel Creek	34	0.4654	0.11	0.404	1.4
KR20750A	Klamath River below Stateline	10	0.303	0.06	0.13	0.7
KR20750P	Klamath River below Stateline	8	0.19	0.08	0.15	0.37
KR20932A	Klamath River near Stateline	10	0.274	0.11	0.175	0.51
KR20932P	Klamath River near Stateline	8	0.2312	0.09	0.155	0.65
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	0.2885	0.1	0.26	0.65
KR22460	Klamath River below J.C. Boyle dam	23	0.418	0.025	0.33	1.012
KR22478E	J.C. Boyle reservoir at log boom	28	0.5032	0.025	0.4435	1.76
KR22478H	J.C. Boyle reservoir at log boom	28	0.5812	0.08	0.56	1.79
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	0.456	0.025	0.39	1.05
KR23334	Keno dam outflow	23	0.0893	4.00E-03	0.057	0.36
KR23360E	Keno reservoir at log boom	3	0.07	0.06	0.06	0.09
KR23360H	Keno reservoir at log boom	1	1.22	1.22	1.22	1.22
KR23490	Klamath River at Keno Bridge (Hwy. 66)	31	0.2926	0	0.1	1.89
KR23828	Klamath River directly south of Klamath Straits Drain	9	0.0656	0.05	0.05	0.1
KR24148	Klamath River upstream of Klamath Straits Drain	9	0.0633	0.05	0.05	0.1
KR24589	Klamath River at Miller Island boat ramp	23	0.457	0.05	0.1	2.3
KR25079	Klamath River at South-Side Bypass Bridge	9	0.1033	0.05	0.1	0.25
KR25312	Link River at mouth	24	0.1029	0.02	0.067	0.41
KR25344	Link River near powerhouse	9	0.1044	0.05	0.07	0.25
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.0443	0.025	0.025	0.1
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	23	0.6022	0.06	0.37	2.29
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	14	0.3629	0.09	0.205	0.78
SH01	Shasta River near mouth	22	0.0818	0.025	0.05	0.26
SP00	Spencer Creek near mouth	11	0.03	0.025	0.025	0.08
SR00	Shovel Creek near mouth	10	0.0385	0.025	0.025	0.08

Variable = Oxidation Reduction Potential (ORP). Units are in mv.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	7	149.43	113	147	192
JE00	Jenny Creek near the mouth	7	155.43	120	148	189
KR17600	Klamath River upstream of Shasta River	6	119.67	52	132	156
KR18973	Iron Gate dam outflow	25	210.76	54	174	404
KR19019E	Iron Gate reservoir near Hornbrook	148	161.16	55	175.5	214
KR19019H	Iron Gate reservoir near Hornbrook	208	192.79	-129	216.5	269
KR19019M	Iron Gate reservoir near Hornbrook	113	192.66	95	202	254
KR19645	Copco No. 2 dam outflow	15	146.13	91	144	194
KR19874H	Copco Lake near Copco	121	117.43	-125	197	255
KR19874E	Copco Lake near Copco	174	161.72	59	166	226
KR19874M	Copco Lake near Copco	105	192.29	100	198	239
KR20642	Klamath River upstream of Shovel Creek	22	231.14	126	204.5	381
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	15	165.6	43	174	194
KR22460	Klamath River below J.C. Boyle dam	15	177.13	121	180	216
KR22478E	J.C. Boyle reservoir at log boom	74	167.96	33	173	229
KR22478H	J.C. Boyle reservoir at log boom	50	176.1	45	183	235
KR22505E	J.C. Boyle reservoir at deepest point	18	183.72	106	184.5	245
KR22505H	J.C. Boyle reservoir at deepest point	27	181.26	-75	198	241
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	154	154	154	154
KR22822	Klamath River above J.C. Boyle reservoir	15	163.93	134	161	204
KR23334	Keno dam outflow	13	143.38	53	150	210
KR23360E	Keno reservoir at log boom	0	M	M	M	M
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	110	132.07	-185	113.5	604
KR23828	Klamath River directly south of Klamath Straits Drain	97	81.515	-300	105	232
KR24148	Klamath River upstream of Klamath Straits Drain	95	91.684	-225	101	243
KR24589	Klamath River at Miller Island boat ramp	88	135.7	-153	117.5	564
KR25079	Klamath River at South-Side Bypass Bridge	66	123.85	12	113	289
KR25312	Link River at mouth	72	112.83	-23	116	269
KR25344	Link River near powerhouse	66	137.79	29	132	295
KR25479	Upper Klamath Lake at Fremont St. Bridge	3	141	103	153	167
KS00	Klamath Strait 200 feet downstream of pump station F	25	81.44	53	79	118
KS01	Klamath Straits Drain at pumping plant F	62	135.26	7	99	575
LK00	Lost River diversion canal at Klamath River	10	99.3	70	100	129
PC00	J.C. Boyle power plant tailrace	7	166.43	55	182	201
SH01	Shasta River near mouth	16	238.44	79	285	384
SP00	Spencer Creek near mouth	5	164.6	150	159	182
SR00	Shovel Creek near mouth	3	186.33	169	180	210

Variable = pH (PH). Standard pH Units.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	8.102	7.5	8.15	8.31
JE00	Jenny Creek near the mouth	10	8.22	7.7	8.24	8.63
KR17600	Klamath River upstream of Shasta River	7	8.5871	7.7	8.8	9.11
KR18973	Iron Gate dam outflow	38	7.8161	6.8	7.745	9.16
KR19019E	Iron Gate reservoir near Hornbrook	302	8.0769	6.74	8.025	9.71
KR19019H	Iron Gate reservoir near Hornbrook	386	7.2012	6.16	7.275	8.43
KR19019M	Iron Gate reservoir near Hornbrook	224	7.5284	6.3	7.535	9.92
KR19645	Copco No. 2 dam outflow	19	7.9368	7.36	7.95	8.74
KR19874H	Copco Lake near Copco	221	7.3082	6.08	7.29	9.8
KR19874E	Copco Lake near Copco	333	8.1988	7.26	8.24	9.16
KR19874M	Copco Lake near Copco	200	7.6407	6.6	7.67	8.62
KR20642	Klamath River upstream of Shovel Creek	36	8.1297	7.29	8.11	8.86
KR20750A	Klamath River below Stateline	10	8.202	7.86	8.15	8.63
KR20750P	Klamath River below Stateline	8	8.5887	7.88	8.635	9.01
KR20932A	Klamath River near Stateline	10	7.878	7.24	7.875	8.42
KR20932P	Klamath River near Stateline	8	8.2713	7.86	8.26	8.68
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	99	7.8282	5.6	7.77	9.41
KR22460	Klamath River below J.C. Boyle dam	24	7.9679	7.4	7.925	8.65
KR22478E	J.C. Boyle reservoir at log boom	182	7.9141	6.64	7.825	9.27
KR22478H	J.C. Boyle reservoir at log boom	140	7.6378	6.27	7.665	8.58
KR22505E	J.C. Boyle reservoir at deepest point	51	8.2351	7.5	8.13	9.56
KR22505H	J.C. Boyle reservoir at deepest point	64	7.8358	7.3	7.865	8.41
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	8.17	8.17	8.17	8.17
KR22822	Klamath River above J.C. Boyle reservoir	93	8.1305	6.8	8.01	9.82
KR23334	Keno dam outflow	21	8.42	7.61	8.46	9.78
KR23360E	Keno reservoir at log boom	18	7.6539	6.95	7.495	8.69
KR23360H	Keno reservoir at log boom	21	7.2057	6.48	6.94	8.34
KR23490	Klamath River at Keno Bridge (Hwy. 66)	111	8.271	7.13	8.27	9.19
KR23828	Klamath River directly south of Klamath Straits Drain	97	8.3068	7.33	8.35	9.33
KR24148	Klamath River upstream of Klamath Straits Drain	95	8.3809	7.1	8.24	9.42
KR24589	Klamath River at Miller Island boat ramp	89	7.9469	7.07	7.65	9.42
KR25079	Klamath River at South-Side Bypass Bridge	66	8.2741	7.17	8.285	9.43
KR25312	Link River at mouth	78	8.6651	7.31	8.645	9.77
KR25344	Link River near powerhouse	66	8.7347	4.62	8.73	9.94
KR25479	Upper Klamath Lake at Fremont St. Bridge	9	8.94	7.64	9.11	9.62
KS00	Klamath Strait 200 feet downstream of pump station F	25	8.1976	7.61	8.12	9.01
KS01	Klamath Straits Drain at pumping plant F	63	8.2879	7.42	8.23	9.2
LK00	Lost River diversion canal at Klamath River	10	8.256	8.1	8.25	8.41
PC00	J.C. Boyle power plant tailrace	88	8.0228	5.4	8.045	8.98
SH01	Shasta River near mouth	25	8.5776	7.6	8.69	8.91
SP00	Spencer Creek near mouth	12	8.2192	7.5	8.045	9.7
SR00	Shovel Creek near mouth	10	7.841	7.4	7.96	8.1

Variable = Orthophosphate phosphorus (PO4). Units are in mg/L as P.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.0917	0.015	0.08	0.25
JE00	Jenny Creek near the mouth	9	0.0761	0.015	0.07	0.24
KR17600	Klamath River upstream of Shasta River	7	0.15	0.1	0.16	0.18
KR18973	Iron Gate dam outflow	33	0.1502	0	0.15	0.36
KR19019E	Iron Gate reservoir near Hornbrook	27	0.1334	-0.011	0.13	0.32
KR19019H	Iron Gate reservoir near Hornbrook	28	0.1296	-0.022	0.141	0.34
KR19019M	Iron Gate reservoir near Hornbrook	20	0.1584	-0.013	0.155	0.38
KR19645	Copco No. 2 dam outflow	16	0.1425	0.014	0.1335	0.37
KR19874H	Copco Lake near Copco	27	0.3356	0.03	0.29	0.94
KR19874E	Copco Lake near Copco	26	0.1367	-0.019	0.14	0.31
KR19874M	Copco Lake near Copco	19	0.1926	0.03	0.15	0.58
KR20642	Klamath River upstream of Shovel Creek	33	0.1455	0.011	0.13	0.39
KR20750A	Klamath River below Stateline	10	0.186	0.12	0.185	0.29
KR20750P	Klamath River below Stateline	8	0.215	0.14	0.2	0.41
KR20932A	Klamath River near Stateline	10	0.175	0.12	0.175	0.27
KR20932P	Klamath River near Stateline	8	0.2062	0.1	0.18	0.42
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	0.0998	-0.021	0.09	0.21
KR22460	Klamath River below J.C. Boyle dam	23	0.1463	-0.011	0.14	0.3
KR22478E	J.C. Boyle reservoir at log boom	27	0.1766	-2.00E-0	0.18	0.33
KR22478H	J.C. Boyle reservoir at log boom	27	0.1761	0.053	0.18	0.34
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	0.1517	-0.014	0.129	0.45
KR23334	Keno dam outflow	23	0.113	-0.019	0.12	0.24
KR23360E	Keno reservoir at log boom	3	0.1633	0.07	0.18	0.24
KR23360H	Keno reservoir at log boom	3	0.1933	0.09	0.22	0.27
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	0.1658	-0.021	0.13	0.62
KR23828	Klamath River directly south of Klamath Straits Drain	14	0.1886	0.07	0.18	0.39
KR24148	Klamath River upstream of Klamath Straits Drain	14	0.135	0.05	0.105	0.44
KR24589	Klamath River at Miller Island boat ramp	28	0.1704	0.05	0.145	0.55
KR25079	Klamath River at South-Side Bypass Bridge	14	0.14	0.05	0.105	0.53
KR25312	Link River at mouth	29	0.0956	-0.022	0.09	0.47
KR25344	Link River near powerhouse	14	0.1179	0.04	0.08	0.46
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.1114	0.08	0.11	0.15
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	0.35	0.05	0.36	0.68
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	14	0.2057	0.08	0.18	0.45
SH01	Shasta River near mouth	22	0.3168	0.16	0.295	0.68
SP00	Spencer Creek near mouth	11	0.0614	0.015	0.06	0.13
SR00	Shovel Creek near mouth	10	0.139	0.05	0.12	0.27

Variable = Total Phosphorus (PT). Units are in mg/L as P.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.1544	0.03	0.11	0.44
JE00	Jenny Creek near the mouth	9	0.105	0.025	0.08	0.3
KR17600	Klamath River upstream of Shasta River	7	0.17	0.12	0.16	0.24
KR18973	Iron Gate dam outflow	34	0.1814	0.03	0.17	0.41
KR19019E	Iron Gate reservoir near Hornbrook	27	0.1881	0.02	0.16	0.44
KR19019H	Iron Gate reservoir near Hornbrook	28	0.1721	0.04	0.1455	0.48
KR19019M	Iron Gate reservoir near Hornbrook	20	0.1873	0.048	0.165	0.5
KR19645	Copco No. 2 dam outflow	17	0.1825	1.00E-03	0.17	0.41
KR19874H	Copco Lake near Copco	27	0.4317	0.03	0.46	1.35
KR19874E	Copco Lake near Copco	26	0.2241	0.04	0.175	0.7
KR19874M	Copco Lake near Copco	19	0.2589	0.02	0.22	0.71
KR20642	Klamath River upstream of Shovel Creek	34	0.2013	0.03	0.16	0.67
KR20750A	Klamath River below Stateline	10	0.216	0.12	0.17	0.54
KR20750P	Klamath River below Stateline	8	0.2225	0.12	0.195	0.47
KR20932A	Klamath River near Stateline	10	0.236	0.03	0.175	0.57
KR20932P	Klamath River near Stateline	8	0.1875	0.09	0.17	0.3
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	0.1638	0.036	0.12	0.53
KR22460	Klamath River below J.C. Boyle dam	23	0.2437	0.045	0.25	0.53
KR22478E	J.C. Boyle reservoir at log boom	29	0.2563	0.05	0.27	0.48
KR22478H	J.C. Boyle reservoir at log boom	28	0.2509	0.06	0.25	0.45
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	0.238	0.054	0.23	0.5
KR23334	Keno dam outflow	23	0.2517	0.025	0.26	0.63
KR23360E	Keno reservoir at log boom	4	0.3925	0.09	0.375	0.73
KR23360H	Keno reservoir at log boom	3	0.3567	0.28	0.39	0.4
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	0.2472	0.02	0.215	0.62
KR23828	Klamath River directly south of Klamath Straits Drain	14	0.3164	0.14	0.3	0.65
KR24148	Klamath River upstream of Klamath Straits Drain	14	0.2321	0.13	0.22	0.4
KR24589	Klamath River at Miller Island boat ramp	28	0.2575	0.08	0.21	0.71
KR25079	Klamath River at South-Side Bypass Bridge	14	0.2093	0.12	0.2	0.37
KR25312	Link River at mouth	29	0.199	0.01	0.18	0.6
KR25344	Link River near powerhouse	14	0.2114	0.11	0.2	0.42
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.2743	0.11	0.18	0.62
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	0.4704	0.1	0.425	0.9
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	0.2862	0.13	0.27	0.51
SH01	Shasta River near mouth	22	0.3423	0.13	0.29	0.87
SP00	Spencer Creek near mouth	11	0.1118	0.025	0.08	0.23
SR00	Shovel Creek near mouth	10	0.214	0.06	0.14	0.65

Variable = Secchi Disk Depth (SECCHI). Units are in meters.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	0	M	M	M	M
JE00	Jenny Creek near the mouth	0	M	M	M	M
KR17600	Klamath River upstream of Shasta River	0	M	M	M	M
KR18973	Iron Gate dam outflow	0	M	M	M	M
KR19019E	Iron Gate reservoir near Hornbrook	25	2.3088	0.85	2.28	4.2
KR19019H	Iron Gate reservoir near Hornbrook	0	M	M	M	M
KR19019M	Iron Gate reservoir near Hornbrook	0	M	M	M	M
KR19645	Copco No. 2 dam outflow	0	M	M	M	M
KR19874H	Copco Lake near Copco	0	M	M	M	M
KR19874E	Copco Lake near Copco	25	1.914	0.5	2	3.4
KR19874M	Copco Lake near Copco	0	M	M	M	M
KR20642	Klamath River upstream of Shovel Creek	0	M	M	M	M
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	0	M	M	M	M
KR22460	Klamath River below J.C. Boyle dam	0	M	M	M	M
KR22478E	J.C. Boyle reservoir at log boom	16	1.1656	0.25	1.2	2
KR22478H	J.C. Boyle reservoir at log boom	0	M	M	M	M
KR22505E	J.C. Boyle reservoir at deepest point	1	1.2	1.2	1.2	1.2
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	0	M	M	M	M
KR23334	Keno dam outflow	0	M	M	M	M
KR23360E	Keno reservoir at log boom	5	0.926	0.7	0.9	1.15
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	14	0.9679	0.4	0.875	1.7
KR23828	Klamath River directly south of Klamath Straits Drain	16	0.8937	0.5	0.8	1.6
KR24148	Klamath River upstream of Klamath Straits Drain	12	0.9	0.6	0.9	1.3
KR24589	Klamath River at Miller Island boat ramp	14	0.9429	0.6	1.05	1.3
KR25079	Klamath River at South-Side Bypass Bridge	14	0.8393	0.4	0.8	1.2
KR25312	Link River at mouth	8	0.7375	0.6	0.7	1
KR25344	Link River near powerhouse	14	0.7571	0.4	0.7	1.2
KR25479	Upper Klamath Lake at Fremont St. Bridge	0	M	M	M	M
KS00	Klamath Strait 200 feet downstream of pump station F	9	0.7333	0.6	0.7	1.1
KS01	Klamath Straits Drain at pumping plant F	13	0.7846	0.4	0.9	1
LK00	Lost River diversion canal at Klamath River	2	0.75	0.7	0.75	0.8
PC00	J.C. Boyle power plant tailrace	0	M	M	M	M
SH01	Shasta River near mouth	0	M	M	M	M
SP00	Spencer Creek near mouth	0	M	M	M	M
SR00	Shovel Creek near mouth	0	M	M	M	M

Variable = Specific Conductance (SPC). Units are in $\mu\text{S}/\text{cm}$ (corrected to 25°C).

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	140.1	124	143.5	146
JE00	Jenny Creek near the mouth	10	160.3	89	181	205
KR17600	Klamath River upstream of Shasta River	7	189.14	162	196	207
KR18973	Iron Gate dam outflow	38	178.24	114	179	240
KR19019E	Iron Gate reservoir near Hornbrook	302	170.89	57	174	262
KR19019H	Iron Gate reservoir near Hornbrook	386	196.92	133	191	474
KR19019M	Iron Gate reservoir near Hornbrook	223	175.17	114	176	270
KR19645	Copco No. 2 dam outflow	19	175.47	109	175	243
KR19874H	Copco Lake near Copco	221	186.33	121	183	277
KR19874E	Copco Lake near Copco	333	172.54	90	178	284
KR19874M	Copco Lake near Copco	200	176.6	113	180	287
KR20642	Klamath River upstream of Shovel Creek	36	179.78	115	169.5	319
KR20750A	Klamath River below Stateline	10	234.1	118	265	350
KR20750P	Klamath River below Stateline	8	232.63	118	254	307
KR20932A	Klamath River near Stateline	10	225.8	119	241.5	332
KR20932P	Klamath River near Stateline	8	232.63	118	233	323
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	89	156.35	137	152.2	214
KR22460	Klamath River below J.C. Boyle dam	24	197.13	132	170	371
KR22478E	J.C. Boyle reservoir at log boom	182	185.54	93	160	322
KR22478H	J.C. Boyle reservoir at log boom	140	187.71	108	158	317
KR22505E	J.C. Boyle reservoir at deepest point	54	202.8	145	171	299
KR22505H	J.C. Boyle reservoir at deepest point	66	210.05	152	173	301
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	365	365	365	365
KR22822	Klamath River above J.C. Boyle reservoir	88	176.77	88	158	312
KR23334	Keno dam outflow	21	194.71	131	186	292
KR23360E	Keno reservoir at log boom	18	120.28	106	120.5	135
KR23360H	Keno reservoir at log boom	21	123	105	124	135
KR23490	Klamath River at Keno Bridge (Hwy. 66)	111	209.51	138.1	195	355
KR23828	Klamath River directly south of Klamath Straits Drain	97	223.02	126.6	224	413
KR24148	Klamath River upstream of Klamath Straits Drain	95	136.81	109.8	124.3	298
KR24589	Klamath River at Miller Island boat ramp	89	135.71	103.6	122.3	255
KR25079	Klamath River at South-Side Bypass Bridge	66	118.66	101.4	119.55	139.2
KR25312	Link River at mouth	78	109.13	98.1	107.9	139
KR25344	Link River near powerhouse	66	106.3	97.5	104.7	116.2
KR25479	Upper Klamath Lake at Fremont St. Bridge	9	124.22	101	120	183
KS00	Klamath Strait 200 feet downstream of pump station F	25	578.76	373	618	888
KS01	Klamath Straits Drain at pumping plant F	63	559.52	262	565	1046
LK00	Lost River diversion canal at Klamath River	10	112.95	111.3	112.95	114.6
PC00	J.C. Boyle power plant tailrace	79	152.38	123.3	137.9	358
SH01	Shasta River near mouth	24	561.54	435	559.5	752
SP00	Spencer Creek near mouth	13	92.692	46	105	127
SR00	Shovel Creek near mouth	10	111.2	62	110.5	172

Variable = Total Dissolved Solids (TDS). Units are in mg/L.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	0	M	M	M	M
JE00	Jenny Creek near the mouth	0	M	M	M	M
KR17600	Klamath River upstream of Shasta River	0	M	M	M	M
KR18973	Iron Gate dam outflow	13	127.92	76	131	159
KR19019E	Iron Gate reservoir near Hornbrook	0	M	M	M	M
KR19019H	Iron Gate reservoir near Hornbrook	0	M	M	M	M
KR19019M	Iron Gate reservoir near Hornbrook	0	M	M	M	M
KR19645	Copco No. 2 dam outflow	0	M	M	M	M
KR19874H	Copco Lake near Copco	0	M	M	M	M
KR19874E	Copco Lake near Copco	0	M	M	M	M
KR19874M	Copco Lake near Copco	0	M	M	M	M
KR20642	Klamath River upstream of Shovel Creek	13	133.54	96	129	183
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	0	M	M	M	M
KR22460	Klamath River below J.C. Boyle dam	0	M	M	M	M
KR22478E	J.C. Boyle reservoir at log boom	0	M	M	M	M
KR22478H	J.C. Boyle reservoir at log boom	0	M	M	M	M
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	0	M	M	M	M
KR23334	Keno dam outflow	0	M	M	M	M
KR23360E	Keno reservoir at log boom	0	M	M	M	M
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	27	148.85	2	144	227
KR23828	Klamath River directly south of Klamath Straits Drain	14	163.93	107	151	273
KR24148	Klamath River upstream of Klamath Straits Drain	14	109.21	70	105	147
KR24589	Klamath River at Miller Island boat ramp	27	108.67	31	108	151
KR25079	Klamath River at South-Side Bypass Bridge	14	106.36	74	108.5	126
KR25312	Link River at mouth	14	100.57	71	103.5	120
KR25344	Link River near powerhouse	14	100.29	76	103	118
KR25479	Upper Klamath Lake at Fremont St. Bridge	0	M	M	M	M
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	27	392.19	126	386	715
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	1	0.9	0.9	0.9	0.9
SH01	Shasta River near mouth	13	332.85	287	326	399
SP00	Spencer Creek near mouth	0	M	M	M	M
SR00	Shovel Creek near mouth	0	M	M	M	M

Variable = Water Temperature (TEMP). Units are in °C.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	10	10.717	8.75	10.17	13.33
JE00	Jenny Creek near the mouth	10	12.353	5.35	11.895	20.8
KR17600	Klamath River upstream of Shasta River	7	19.417	10.56	20.1	24.92
KR18973	Iron Gate dam outflow	39	16.182	4.04	17.35	23
KR19019E	Iron Gate reservoir near Hornbrook	302	15.992	3.87	16.125	26.45
KR19019H	Iron Gate reservoir near Hornbrook	386	7.4204	3.88	7.06	15.14
KR19019M	Iron Gate reservoir near Hornbrook	224	12.941	3.87	12.545	20.99
KR19645	Copco No. 2 dam outflow	19	15.413	7.15	15.12	21.76
KR19874H	Copco Lake near Copco	221	10.507	3.73	11.08	20.96
KR19874E	Copco Lake near Copco	333	15.763	3.66	15.34	24.78
KR19874M	Copco Lake near Copco	200	13.482	3.66	13.605	21.49
KR20642	Klamath River upstream of Shovel Creek	37	14.331	4.7	15.57	22.26
KR20750A	Klamath River below Stateline	10	16.308	11.41	15	21.07
KR20750P	Klamath River below Stateline	8	16.418	13.48	14.855	22.2
KR20932A	Klamath River near Stateline	10	14.96	11.54	13.915	18.62
KR20932P	Klamath River near Stateline	8	15.519	13.51	14.465	21.44
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	102	12.176	9.01	11.525	21.37
KR22460	Klamath River below J.C. Boyle dam	27	15.707	5.78	14.63	23.9
KR22478E	J.C. Boyle reservoir at log boom	186	15.966	3.87	14.66	26.5
KR22478H	J.C. Boyle reservoir at log boom	144	15.391	3.91	16.3	23.01
KR22505E	J.C. Boyle reservoir at deepest point	54	16.062	12.92	14.19	25.1
KR22505H	J.C. Boyle reservoir at deepest point	66	14.971	12.35	13.355	22.9
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	1	8.68	8.68	8.68	8.68
KR22822	Klamath River above J.C. Boyle reservoir	99	13.755	5.29	13.02	24.2
KR23334	Keno dam outflow	24	15.765	5.02	15.87	24.1
KR23360E	Keno reservoir at log boom	18	17.499	7.57	19.25	24.27
KR23360H	Keno reservoir at log boom	21	16.536	7.56	17.98	23.19
KR23490	Klamath River at Keno Bridge (Hwy. 66)	111	16.936	4.39	18.08	25.44
KR23828	Klamath River directly south of Klamath Straits Drain	97	18.102	11.1	18.77	25.91
KR24148	Klamath River upstream of Klamath Straits Drain	95	18.012	10.73	18.93	25.56
KR24589	Klamath River at Miller Island boat ramp	89	17.695	4.19	18.62	26
KR25079	Klamath River at South-Side Bypass Bridge	66	17.451	11.02	18.765	24.27
KR25312	Link River at mouth	79	16.822	4.67	18.33	24.8
KR25344	Link River near powerhouse	66	17.416	11.11	18.51	23.26
KR25479	Upper Klamath Lake at Fremont St. Bridge	12	16.147	7.25	13.595	24.7
KS00	Klamath Strait 200 feet downstream of pump station F	25	18.037	12.39	19.24	24.14
KS01	Klamath Straits Drain at pumping plant F	63	17.563	4.14	19.14	23.23
LK00	Lost River diversion canal at Klamath River	10	15.638	12.88	15.65	18.37
PC00	J.C. Boyle power plant tailrace	90	13.998	6.28	13.235	23.9
SH01	Shasta River near mouth	26	18.391	5.81	19.62	28.57
SP00	Spencer Creek near mouth	13	11.598	3.07	10.1	22.9
SR00	Shovel Creek near mouth	10	9.646	4.75	8.6	17.04

Variable = Total Inorganic Nitrogen (TIN). Units are in mg/L as N.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.1233	0.055	0.12	0.19
JE00	Jenny Creek near the mouth	9	0.08	0.05	0.075	0.125
KR17600	Klamath River upstream of Shasta River	7	0.2543	0.065	0.3	0.43
KR18973	Iron Gate dam outflow	34	0.4219	0.085	0.3945	0.99
KR19019E	Iron Gate reservoir near Hornbrook	27	0.3455	0.05	0.29	0.81
KR19019H	Iron Gate reservoir near Hornbrook	28	0.6333	0.31	0.6325	0.85
KR19019M	Iron Gate reservoir near Hornbrook	20	0.4648	0.175	0.397	0.99
KR19645	Copco No. 2 dam outflow	17	0.4418	0.105	0.39	0.82
KR19874H	Copco Lake near Copco	27	0.9304	0.42	0.8	2.1
KR19874E	Copco Lake near Copco	26	0.4316	0.05	0.416	1
KR19874M	Copco Lake near Copco	19	0.5665	0.15	0.58	0.99
KR20642	Klamath River upstream of Shovel Creek	34	0.5374	0.12	0.47	1.4
KR20750A	Klamath River below Stateline	10	0.395	0.12	0.22	0.82
KR20750P	Klamath River below Stateline	8	0.2963	0.17	0.25	0.44
KR20932A	Klamath River near Stateline	10	0.355	0.17	0.26	0.62
KR20932P	Klamath River near Stateline	8	0.335	0.16	0.24	0.78
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	0.366	0.125	0.345	0.8
KR22460	Klamath River below J.C. Boyle dam	23	0.6064	0.05	0.48	1.242
KR22478E	J.C. Boyle reservoir at log boom	29	0.6833	0.16	0.6	1.93
KR22478H	J.C. Boyle reservoir at log boom	28	0.833	0.15	0.81	1.97
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	0.5963	0.05	0.56	1.198
KR23334	Keno dam outflow	23	0.4069	0.085	0.27	0.877
KR23360E	Keno reservoir at log boom	3	1.1067	0.97	1.13	1.22
KR23360H	Keno reservoir at log boom	3	1.5533	1.17	1.46	2.03
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	0.625	0.09	0.42	3
KR23828	Klamath River directly south of Klamath Straits Drain	14	0.3279	0.07	0.245	1.1
KR24148	Klamath River upstream of Klamath Straits Drain	14	0.3086	0.07	0.21	0.98
KR24589	Klamath River at Miller Island boat ramp	28	0.8139	0.1	0.515	3.83
KR25079	Klamath River at South-Side Bypass Bridge	14	0.3629	0	0.34	0.76
KR25312	Link River at mouth	29	0.2578	0.05	0.18	0.98
KR25344	Link River near powerhouse	14	0.2793	0.1	0.135	1.02
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.2086	0.05	0.235	0.34
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	1.0536	0.07	0.82	4.02
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	14	0.5396	0.165	0.405	1.04
SH01	Shasta River near mouth	22	0.1998	0.065	0.1325	0.53
SP00	Spencer Creek near mouth	11	0.0764	0.05	0.055	0.18
SR00	Shovel Creek near mouth	10	0.095	0.05	0.09	0.17

Variable = TIN: PT Ratio (TINPTRATI). Units are ratios.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	1.9222	0.19	0.9	5.33
JE00	Jenny Creek near the mouth	9	1.7167	0.17	1.31	4.2
KR17600	Klamath River upstream of Shasta River	7	1.6014	0.27	2	2.92
KR18973	Iron Gate dam outflow	34	3.1824	0.45	2.4	14.31
KR19019E	Iron Gate reservoir near Hornbrook	27	3.0407	0.11	1.65	21.68
KR19019H	Iron Gate reservoir near Hornbrook	28	5.5243	1.2	4.52	18.33
KR19019M	Iron Gate reservoir near Hornbrook	20	3.6185	0.65	2.61	13.54
KR19645	Copco No. 2 dam outflow	16	3.3444	0.56	1.97	15.38
KR19874H	Copco Lake near Copco	27	3.3089	0.95	2.01	15.06
KR19874E	Copco Lake near Copco	26	3.0404	0.24	2.3	11
KR19874M	Copco Lake near Copco	19	3.7726	0.53	2.72	19.42
KR20642	Klamath River upstream of Shovel Creek	34	3.9097	0.51	3.3	10.53
KR20750A	Klamath River below Stateline	10	1.918	0.57	1.595	4.12
KR20750P	Klamath River below Stateline	8	1.5437	0.55	1.705	2.33
KR20932A	Klamath River near Stateline	10	2.472	0.49	1.795	8.33
KR20932P	Klamath River near Stateline	8	1.9063	0.62	1.63	3.39
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	23	3.6183	0.33	2.63	11.67
KR22460	Klamath River below J.C. Boyle dam	23	3.6678	0.24	3.05	11.63
KR22478E	J.C. Boyle reservoir at log boom	29	3.2562	0.59	2.63	15.33
KR22478H	J.C. Boyle reservoir at log boom	28	3.8482	0.73	3.48	15.5
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	3.5139	0.31	2.79	11.89
KR23334	Keno dam outflow	23	4.0417	0.3	1.39	25.2
KR23360E	Keno reservoir at log boom	4	2.0925	0	1.745	4.88
KR23360H	Keno reservoir at log boom	3	4.4467	2.92	5.21	5.21
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	3.6711	0.43	1.755	12.5
KR23828	Klamath River directly south of Klamath Straits Drain	14	1.135	0.26	0.9	4.58
KR24148	Klamath River upstream of Klamath Straits Drain	14	1.3864	0.35	0.835	4.45
KR24589	Klamath River at Miller Island boat ramp	28	3.7896	0.45	2.845	15.96
KR25079	Klamath River at South-Side Bypass Bridge	14	1.7479	0	1.62	3.17
KR25312	Link River at mouth	29	2.7745	0.17	1.2	24.48
KR25344	Link River near powerhouse	14	1.4386	0.43	0.715	4.25
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	0.9914	0.23	0.5	2
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	3.1014	0.3	1.605	14.89
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	2.2231	0.47	1.35	7.23
SH01	Shasta River near mouth	22	0.7559	0.1	0.525	2.23
SP00	Spencer Creek near mouth	11	0.9791	0.25	0.78	2
SR00	Shovel Creek near mouth	10	0.93	0.11	0.69	1.89

Variable = Total Kjeldahl Nitrogen (TKN). Units are in mg/L as N.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.1778	0.1	0.1	0.5
JE00	Jenny Creek near the mouth	9	0.1444	0.1	0.1	0.3
KR17600	Klamath River upstream of Shasta River	7	0.6857	0.4	0.7	1
KR18973	Iron Gate dam outflow	33	0.9727	0.2	0.8	4.5
KR19019E	Iron Gate reservoir near Hornbrook	26	0.9796	0.3	0.9	2.12
KR19019H	Iron Gate reservoir near Hornbrook	25	0.6384	0.2	0.6	1.3
KR19019M	Iron Gate reservoir near Hornbrook	19	0.5858	0.2	0.6	1.23
KR19645	Copco No. 2 dam outflow	17	0.8559	0.6	0.8	1.34
KR19874H	Copco Lake near Copco	27	1.28	0.6	1.2	2.6
KR19874E	Copco Lake near Copco	26	1.1288	0.6	0.95	3.8
KR19874M	Copco Lake near Copco	19	0.7726	0.18	0.8	1.39
KR20642	Klamath River upstream of Shovel Creek	33	0.8564	0.2	0.8	1.8
KR20750A	Klamath River below Stateline	10	0.74	0.5	0.75	1.1
KR20750P	Klamath River below Stateline	8	0.6125	0.5	0.6	0.8
KR20932A	Klamath River near Stateline	10	0.57	0.1	0.6	0.9
KR20932P	Klamath River near Stateline	8	0.6125	0.3	0.6	1.1
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	21	0.4957	0.1	0.4	1.1
KR22460	Klamath River below J.C. Boyle dam	23	1.343	0.8	1.34	1.99
KR22478E	J.C. Boyle reservoir at log boom	29	1.49	0.7	1.4	5.49
KR22478H	J.C. Boyle reservoir at log boom	28	1.3818	0.6	1.325	2.4
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	1.3022	0.1	1.25	2.11
KR23334	Keno dam outflow	23	1.6343	0.1	1.6	2.72
KR23360E	Keno reservoir at log boom	4	2.975	1.7	3.25	3.7
KR23360H	Keno reservoir at log boom	3	3.5667	3.2	3.7	3.8
KR23490	Klamath River at Keno Bridge (Hwy. 66)	36	1.7356	0.1	1.6	3.5
KR23828	Klamath River directly south of Klamath Straits Drain	14	1.7686	0.26	1.65	3.2
KR24148	Klamath River upstream of Klamath Straits Drain	14	1.9357	0.5	2	3.5
KR24589	Klamath River at Miller Island boat ramp	28	1.95	0.7	1.9	4
KR25079	Klamath River at South-Side Bypass Bridge	14	1.9929	0.5	2.2	3.6
KR25312	Link River at mouth	29	1.8228	0.5	1.8	3.6
KR25344	Link River near powerhouse	14	2.1429	0.5	2.45	3.6
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	1.4714	0.7	1.9	2.1
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	28	2.6	0.2	2.45	5
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	1.1385	0.3	1.1	1.8
SH01	Shasta River near mouth	22	0.5636	0.2	0.5	1.5
SP00	Spencer Creek near mouth	11	0.2909	0.1	0.1	1
SR00	Shovel Creek near mouth	10	0.14	0.1	0.1	0.3

Variable = Total Nitrogen: Total Phosphorus Ratio (TNTP). Units are ratios.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	3.2146	0.3636	2.5	9
JE00	Jenny Creek near the mouth	9	3.6878	0.5682	2.25	13
KR17600	Klamath River upstream of Shasta River	7	5.1478	3.1333	4.7333	9.3333
KR18973	Iron Gate dam outflow	33	9.2833	1.1538	7.7119	43.967
KR19019E	Iron Gate reservoir near Hornbrook	26	12.123	1.4205	7.6899	104.25
KR19019H	Iron Gate reservoir near Hornbrook	25	10.997	2.1042	7.2143	48.25
KR19019M	Iron Gate reservoir near Hornbrook	19	7.3821	1.9167	4.65	37.833
KR19645	Copco No. 2 dam outflow	17	77.849	2.0976	5.1579	1189
KR19874H	Copco Lake near Copco	26	7.4511	1.6739	3.9861	50.667
KR19874E	Copco Lake near Copco	26	9.7394	1.3286	7.5443	36.05
KR19874M	Copco Lake near Copco	19	9.0803	0.7931	5.0769	71.9
KR20642	Klamath River upstream of Shovel Creek	33	9.955	1.625	9	33.492
KR20750A	Klamath River below Stateline	10	5.4025	2.7778	5.1593	8
KR20750P	Klamath River below Stateline	8	4.1349	1.5106	4.5098	5.5
KR20932A	Klamath River near Stateline	10	6.3403	1.4528	3.8512	26
KR20932P	Klamath River near Stateline	8	4.6703	2.8333	4.4936	6.3043
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	21	7.9552	0.6604	5.625	23.104
KR22460	Klamath River below J.C. Boyle dam	23	10.674	2.1395	8.0714	36
KR22478E	J.C. Boyle reservoir at log boom	28	9.2948	2.1042	7.5167	33
KR22478H	J.C. Boyle reservoir at log boom	28	9.713	2.4595	7.8967	33.333
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	10.28	0.4651	8.9643	30.111
KR23334	Keno dam outflow	23	15.419	0.6667	7.7559	87.667
KR23360E	Keno reservoir at log boom	2	23.005	4.2329	23.005	41.778
KR23360H	Keno reservoir at log boom	1	12.872	12.872	12.872	12.872
KR23490	Klamath River at Keno Bridge (Hwy. 66)	31	13.292	1.4262	9.5882	52.5
KR23828	Klamath River directly south of Klamath Straits Drain	9	5.5777	2.6923	4.1667	13.625
KR24148	Klamath River upstream of Klamath Straits Drain	9	6.978	3.4848	5.5263	16.136
KR24589	Klamath River at Miller Island boat ramp	23	10.545	2.5	7.4821	37.25
KR25079	Klamath River at South-Side Bypass Bridge	9	7.5925	2.9545	7.0541	14.167
KR25312	Link River at mouth	24	17.415	1.7576	11.175	151.1
KR25344	Link River near powerhouse	9	8.4483	2.8	8.75	14.778
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	8.1151	1.6837	6.0417	19.545
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	23	8.8768	0.4516	5.8852	26.259
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	5.7596	1.2571	5.037	14.231
SH01	Shasta River near mouth	22	2.4433	0.4808	2.1904	6.1765
SP00	Spencer Creek near mouth	11	3.4247	0.5952	4.0625	6.8333
SR00	Shovel Creek near mouth	10	1.4914	0.1923	1.5699	3

Variable = Total Kjeldahl plus Nitrate Nitrogen (TOTN). Units are in mg/L as N.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	9	0.2428	0.125	0.17	0.59
JE00	Jenny Creek near the mouth	9	0.1694	0.125	0.125	0.325
KR17600	Klamath River upstream of Shasta River	7	0.8443	0.47	0.83	1.12
KR18973	Iron Gate dam outflow	33	1.2981	0.3	1.27	4.78
KR19019E	Iron Gate reservoir near Hornbrook	26	1.2505	0.525	1.205	2.495
KR19019H	Iron Gate reservoir near Hornbrook	25	1.1674	0.72	1.06	1.93
KR19019M	Iron Gate reservoir near Hornbrook	19	0.932	0.46	0.93	1.816
KR19645	Copco No. 2 dam outflow	17	1.1707	0.625	1.08	1.84
KR19874H	Copco Lake near Copco	26	1.6262	0.77	1.505	2.65
KR19874E	Copco Lake near Copco	26	1.4623	0.725	1.25	4.59
KR19874M	Copco Lake near Copco	19	1.1505	0.23	1.12	2.118
KR20642	Klamath River upstream of Shovel Creek	33	1.3238	0.39	1.22	2.4
KR20750A	Klamath River below Stateline	10	1.043	0.61	1	1.5
KR20750P	Klamath River below Stateline	8	0.8025	0.66	0.805	0.98
KR20932A	Klamath River near Stateline	10	0.844	0.53	0.84	1.11
KR20932P	Klamath River near Stateline	8	0.8438	0.56	0.735	1.45
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	21	0.7764	0.26	0.8	1.75
KR22460	Klamath River below J.C. Boyle dam	23	1.761	0.825	1.84	2.662
KR22478E	J.C. Boyle reservoir at log boom	28	1.9929	0.79	1.985	5.837
KR22478H	J.C. Boyle reservoir at log boom	28	1.963	0.8	1.885	3.96
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	23	1.7582	0.2	1.74	2.85
KR23334	Keno dam outflow	23	1.7237	0.18	1.625	2.777
KR23360E	Keno reservoir at log boom	3	2.87	1.76	3.09	3.76
KR23360H	Keno reservoir at log boom	1	5.02	5.02	5.02	5.02
KR23490	Klamath River at Keno Bridge (Hwy. 66)	31	2.0081	0.85	1.79	4.89
KR23828	Klamath River directly south of Klamath Straits Drain	9	1.7433	0.8	1.4	3.27
KR24148	Klamath River upstream of Klamath Straits Drain	9	1.6967	0.55	1.4	3.55
KR24589	Klamath River at Miller Island boat ramp	23	2.2917	0.83	1.83	5.75
KR25079	Klamath River at South-Side Bypass Bridge	9	1.7367	0.6	2.45	2.65
KR25312	Link River at mouth	24	1.7637	0.58	1.8	3.253
KR25344	Link River near powerhouse	9	1.7156	0.56	1.85	2.75
KR25479	Upper Klamath Lake at Fremont St. Bridge	7	1.5157	0.725	1.925	2.2
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	23	3.2022	0.28	3.04	7.09
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	13	1.5162	0.44	1.36	2.46
SH01	Shasta River near mouth	22	0.6455	0.25	0.55	1.55
SP00	Spencer Creek near mouth	11	0.3209	0.125	0.125	1.025
SR00	Shovel Creek near mouth	10	0.1785	0.125	0.165	0.325

Variable = Total Suspended Solids (TSS). Units are mg/L.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	0	M	M	M	M
JE00	Jenny Creek near the mouth	0	M	M	M	M
KR17600	Klamath River upstream of Shasta River	0	M	M	M	M
KR18973	Iron Gate dam outflow	8	2.275	0	1.5	7
KR19019E	Iron Gate reservoir near Hornbrook	6	2.2333	0	2	6.4
KR19019H	Iron Gate reservoir near Hornbrook	9	1.5111	0	1	3.6
KR19019M	Iron Gate reservoir near Hornbrook	3	2.0667	0	3	3.2
KR19645	Copco No. 2 dam outflow	7	3.1714	1	3	5
KR19874H	Copco Lake near Copco	6	2.3	0	2.4	4
KR19874E	Copco Lake near Copco	6	48.3	1	1.9	280
KR19874M	Copco Lake near Copco	3	3.4667	1	4.4	5
KR20642	Klamath River upstream of Shovel Creek	8	5.075	1	4.2	12
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	8	2	0	1.5	4.4
KR22460	Klamath River below J.C. Boyle dam	8	5.9	0	5.4	14
KR22478E	J.C. Boyle reservoir at log boom	3	7.8667	3	9.6	11
KR22478H	J.C. Boyle reservoir at log boom	3	6.4	4	4	11.2
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	8	7.45	2	6	18
KR23334	Keno dam outflow	8	10.75	2	8	32.4
KR23360E	Keno reservoir at log boom	0	M	M	M	M
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	8	8.25	3.2	8.5	12
KR23828	Klamath River directly south of Klamath Straits Drain	0	M	M	M	M
KR24148	Klamath River upstream of Klamath Straits Drain	0	M	M	M	M
KR24589	Klamath River at Miller Island boat ramp	0	M	M	M	M
KR25079	Klamath River at South-Side Bypass Bridge	0	M	M	M	M
KR25312	Link River at mouth	8	16.775	3.6	13.5	46
KR25344	Link River near powerhouse	0	M	M	M	M
KR25479	Upper Klamath Lake at Fremont St. Bridge	0	M	M	M	M
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	0	M	M	M	M
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	0	M	M	M	M
SH01	Shasta River near mouth	0	M	M	M	M
SP00	Spencer Creek near mouth	0	M	M	M	M
SR00	Shovel Creek near mouth	0	M	M	M	M

Variable = Turbidity (TURB). Units are in NTU.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	0	M	M	M	M
JE00	Jenny Creek near the mouth	0	M	M	M	M
KR17600	Klamath River upstream of Shasta River	0	M	M	M	M
KR18973	Iron Gate dam outflow	8	3.1037	1.44	2.315	6.1
KR19019E	Iron Gate reservoir near Hornbrook	6	3.8067	2.06	2.29	8
KR19019H	Iron Gate reservoir near Hornbrook	9	2.98	2.31	2.9	4
KR19019M	Iron Gate reservoir near Hornbrook	3	4.0567	2.8	3.97	5.4
KR19645	Copco No. 2 dam outflow	8	4.3275	1.68	3.935	7.03
KR19874H	Copco Lake near Copco	6	5.225	2.47	5.035	8
KR19874E	Copco Lake near Copco	6	35.052	2.25	5.28	184
KR19874M	Copco Lake near Copco	3	4.2533	2.4	3.26	7.1
KR20642	Klamath River upstream of Shovel Creek	8	5.1925	1.95	4.3	11.4
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	8	2.0613	0.86	1.93	3.9
KR22460	Klamath River below J.C. Boyle dam	8	7.0737	2.89	6.8	14.4
KR22478E	J.C. Boyle reservoir at log boom	3	6.71	2.63	8.6	8.9
KR22478H	J.C. Boyle reservoir at log boom	3	5.4333	2.97	4.33	9
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	8	8.0938	3.39	7.85	13.4
KR23334	Keno dam outflow	8	11.735	4.4	9.08	31.4
KR23360E	Keno reservoir at log boom	0	M	M	M	M
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	22	6.1123	2.3	5.77	13.1
KR23828	Klamath River directly south of Klamath Straits Drain	16	5.4938	2.3	5.7	9.1
KR24148	Klamath River upstream of Klamath Straits Drain	12	6.0333	3.3	6.05	9.1
KR24589	Klamath River at Miller Island boat ramp	14	5.3571	3.8	5.15	7.4
KR25079	Klamath River at South-Side Bypass Bridge	14	10.079	4.5	7.4	40.4
KR25312	Link River at mouth	22	11.586	5.8	10.45	27.1
KR25344	Link River near powerhouse	14	9.3429	4.8	8.35	21.3
KR25479	Upper Klamath Lake at Fremont St. Bridge	0	M	M	M	M
KS00	Klamath Strait 200 feet downstream of pump station F	5	6.38	2.5	6.7	8.7
KS01	Klamath Straits Drain at pumping plant F	14	5.8	2.5	5.8	9
LK00	Lost River diversion canal at Klamath River	2	6.65	6.1	6.65	7.2
PC00	J.C. Boyle power plant tailrace	0	M	M	M	M
SH01	Shasta River near mouth	0	M	M	M	M
SP00	Spencer Creek near mouth	0	M	M	M	M
SR00	Shovel Creek near mouth	0	M	M	M	M

Variable = Total Volatile Solids (TVS). Units are mg/L.

Site	Sample Site	N	Mean	Minimum	Median	Maximum
FA00	Fall Creek near the mouth	0	M	M	M	M
JE00	Jenny Creek near the mouth	0	M	M	M	M
KR17600	Klamath River upstream of Shasta River	0	M	M	M	M
KR18973	Iron Gate dam outflow	8	1.125	0	0.5	5
KR19019E	Iron Gate reservoir near Hornbrook	6	1.3333	0	1.5	3
KR19019H	Iron Gate reservoir near Hornbrook	9	0.9889	0	1	2.9
KR19019M	Iron Gate reservoir near Hornbrook	3	1	0	1	2
KR19645	Copco No. 2 dam outflow	7	1	0	0	5
KR19874H	Copco Lake near Copco	6	0.8333	0	0.5	2
KR19874E	Copco Lake near Copco	6	33.167	1	1.5	192
KR19874M	Copco Lake near Copco	3	1	0	1	2
KR20642	Klamath River upstream of Shovel Creek	8	1.875	1	2	4
KR20750A	Klamath River below Stateline	0	M	M	M	M
KR20750P	Klamath River below Stateline	0	M	M	M	M
KR20932A	Klamath River near Stateline	0	M	M	M	M
KR20932P	Klamath River near Stateline	0	M	M	M	M
KR22040	J.C. Boyle upstream of J.C. Boyle powerhouse	8	1.125	0	1	3
KR22460	Klamath River below J.C. Boyle dam	8	1.85	0	2	3
KR22478E	J.C. Boyle reservoir at log boom	3	3	1	2	6
KR22478H	J.C. Boyle reservoir at log boom	3	1.3333	1	1	2
KR22505E	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22505H	J.C. Boyle reservoir at deepest point	0	M	M	M	M
KR22600	J.C. Boyle reservoir at Hwy. 6 bridge	0	M	M	M	M
KR22822	Klamath River above J.C. Boyle reservoir	8	2	0	2	6
KR23334	Keno dam outflow	8	3.725	0	3.2	11
KR23360E	Keno reservoir at log boom	0	M	M	M	M
KR23360H	Keno reservoir at log boom	0	M	M	M	M
KR23490	Klamath River at Keno Bridge (Hwy. 66)	8	2.85	1	2	8
KR23828	Klamath River directly south of Klamath Straits Drain	0	M	M	M	M
KR24148	Klamath River upstream of Klamath Straits Drain	0	M	M	M	M
KR24589	Klamath River at Miller Island boat ramp	0	M	M	M	M
KR25079	Klamath River at South-Side Bypass Bridge	0	M	M	M	M
KR25312	Link River at mouth	8	7.9125	0.3	3	31
KR25344	Link River near powerhouse	0	M	M	M	M
KR25479	Upper Klamath Lake at Fremont St. Bridge	0	M	M	M	M
KS00	Klamath Strait 200 feet downstream of pump station F	0	M	M	M	M
KS01	Klamath Straits Drain at pumping plant F	0	M	M	M	M
LK00	Lost River diversion canal at Klamath River	0	M	M	M	M
PC00	J.C. Boyle power plant tailrace	0	M	M	M	M
SH01	Shasta River near mouth	0	M	M	M	M
SP00	Spencer Creek near mouth	0	M	M	M	M
SR00	Shovel Creek near mouth	0	M	M	M	M