

ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES  
472120116451000 CHATCOLET LAKE 0.4 MI NW OF ROCKY POINT NR PLUMMER

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)
OCT													
19...	1100	2.0	25	7.25	1.69	<.010	<.016	.23	<.006	.006	.029	10.9	4.03
19...	1145	8.5	25	7.29	1.58	<.010	<.016	.21	<.006	.005	.028	--	--
NOV													
29...	1030	2.0	21	5.87	1.45	<.010	.020	.23	<.006	.009	.036	1.63	3.17
29...	1045	8.5	19	5.47	1.35	<.010	.034	.30	<.006	.006	.059	--	--
APR													
05...	0920	2.0	17	4.89	1.24	<.010	.055	.22	.006	.009	.039	.35	.92
05...	0935	9.0	17	4.59	1.23	E.006	.086	.30	.007	.013	.049	--	--
MAY													
23...	1300	2.0	17	4.84	1.17	<.010	<.016	.08	<.006	.005	.017	.47	.99
23...	1430	9.0	17	4.85	1.15	E.008	E.012	.10	<.006	.005	.020	--	--
JUN													
15...	1200	2.0	21	6.00	1.40	<.010	<.016	.08	<.006	.004	.012	.66	1.22
15...	1215	9.0	19	5.53	1.30	<.010	E.011	.10	<.006	.007	.019	--	--
15...	1230	7.0	--	--	--	--	--	--	--	--	--	1.19	1.20
JUL													
19...	1315	2.0	22	6.53	1.45	<.010	<.016	.15	<.006	.004	.017	1.78	3.95
19...	1330	9.0	21	6.24	1.43	E.005	<.016	.14	<.006	.006	.024	--	--
19...	1345	7.0	--	--	--	--	--	--	--	--	--	2.59	9.62
AUG													
31...	1000	2.0	25	7.49	1.63	<.010	<.016	.23	<.006	.005	.015	1.21	6.02
31...	1030	9.0	27	7.90	1.68	.053	<.016	.36	E.004	.013	.044	--	--

Date	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover- able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)
OCT											
19...	--	<.04	<.04	61	273	<.08	.1	7.0	30.5	1.0	2.0
19...	<1.9	<.04	<.04	54	277	<.08	.1	5.8	31.0	.7	E1.4
NOV											
29...	--	<.04	<.04	95	623	.13	.4	10.1	21.7	2.9	E1.8
29...	<1.9	<.04	<.04	99	1170	<.08	.8	15.4	34.6	1.0	3.6
APR											
05...	--	<.04	<.04	57	538	<.08	.3	5.4	16.4	.7	E1.9
05...	<1.9	<.04	<.04	84	710	E.05	.4	6.3	21.7	.9	2.5
MAY											
23...	--	<.04	<.04	48	153	<.08	.08	3.7	10.2	3.9	2.7
23...	<1.9	<.04	<.04	48	204	<.08	.10	11.4	18.2	.7	E1.3
JUN											
15...	--	<.04	<.04	74	134	E.06	E.05	.5	10.5	1.5	E1.9
15...	<1.9	<.04	<.04	43	185	<.08	E.06	5.6	30.1	E.5	<2
15...	--	--	--	--	--	--	--	--	--	--	--
JUL											
19...	--	<.04	<.04	20	72	<.08	E.05	4.8	18.4	2.0	E1.6
19...	<1.9	<.04	<.04	12	117	<.08	E.06	91.1	131	2.2	2.1
19...	--	--	--	--	--	--	--	--	--	--	--
AUG											
31...	--	<.04	<.04	22	108	<.08	<.06	.5	33.7	.7	<2
31...	1.1	<.04	<.04	68	313	<.08	.08	342	460	2.9	4.0

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.  
< Less than  
E Estimated

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

472120116451000 CHATCOLET LAKE 0.4 MI NW OF ROCKY POINT NR PLUMMER--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	DepthTo bottom at sample locati- on, feet (81903)	Temper- ature, air, deg C (00020)	Inci- dent light intnsty 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
OCT							
19...	1040	30.0	12.0	850	.90	4.0	1.40
MAY							
23...	1230	33.0	18.5	1950	.69	7.0	2.60
JUN							
15...	1135	34.0	20.0	680	.51	8.0	3.50
JUL							
19...	1245	34.0	28.0	1690	.55	9.0	4.60
AUG							
31...	0935	32.0	17.0	890	.77	6.0	2.10
SEP							
01...	1115	135.0	22.0	1200	.25	18	10.0
Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	solved oxygen, percent of satura- tion (00301)	Baro- metric pres- sure, mm Hg (00025)
OCT							
19...	1045	.50	12.7	57	8.8	91	696
19...	1046	1.0	12.7	57	8.7	90	696
19...	1047	3.0	12.7	56	8.7	90	696
19...	1048	5.0	12.6	56	8.7	90	696
19...	1049	7.0	12.6	56	8.6	89	696
19...	1050	9.0	12.5	56	8.5	87	696
NOV							
29...	1005	1.0	3.9	45	11.0	89	716
29...	1006	2.0	3.9	46	11.0	89	716
29...	1007	3.0	3.9	46	11.0	89	716
29...	1008	4.0	3.9	46	11.0	89	716
29...	1009	5.0	3.9	45	11.0	89	716
29...	1010	6.0	3.9	43	11.0	89	716
29...	1011	7.0	3.9	43	11.0	89	716
29...	1012	8.0	3.9	43	11.0	89	716
29...	1013	9.0	3.9	43	11.0	89	716
29...	1014	9.5	4.0	42	9.9	80	716
APR							
05...	0900	1.0	5.1	45	11.3	95	715
05...	0901	2.0	5.1	45	11.3	95	715
05...	0902	3.0	5.1	45	11.3	95	715
05...	0903	4.0	5.1	45	11.4	95	715
05...	0904	5.0	5.1	45	11.4	95	715
05...	0905	6.0	5.1	45	11.4	95	715
05...	0906	7.0	5.1	45	11.4	95	715
05...	0907	8.0	5.1	45	11.3	95	715
05...	0908	9.0	5.1	45	11.2	94	715
05...	0909	10.0	5.1	45	11.2	94	715
MAY							
23...	1235	1.0	11.1	41	10.2	99	711
23...	1236	2.0	11.1	41	10.3	100	711
23...	1237	3.0	11.0	41	10.4	101	711
23...	1238	4.0	10.9	41	10.2	99	711
23...	1239	5.0	10.7	41	10.2	98	711
23...	1240	6.0	9.8	41	10.2	96	711
23...	1241	7.0	9.4	41	10.2	96	711
23...	1242	8.0	9.2	41	9.7	90	711
23...	1243	9.0	9.1	40	9.5	88	711
23...	1244	10.0	9.1	40	9.3	86	711
JUN							
15...	1140	1.0	14.0	48	9.6	100	707
15...	1141	3.0	13.5	48	9.6	99	707
15...	1142	5.0	12.8	50	9.7	99	707
15...	1143	7.0	12.0	49	9.1	91	707
15...	1144	9.0	11.2	47	7.2	71	707
15...	1145	10.0	11.0	47	6.2	61	707
JUL							
19...	1250	1.0	22.2	51	8.8	110	702
19...	1251	3.0	22.1	51	8.7	109	702
19...	1252	5.0	20.9	50	8.8	107	702
19...	1253	7.0	14.7	47	6.8	73	702
19...	1254	9.0	12.1	52	.7	7	702
19...	1255	10.0	11.7	55	.2	2	702
AUG							
31...	0940	1.0	19.1	58	8.1	94	711
31...	0941	2.0	19.1	57	8.0	93	711
31...	0942	3.0	19.1	57	7.9	92	711
31...	0943	4.0	19.0	57	7.9	91	711
31...	0944	5.0	19.0	57	7.9	91	711
31...	0945	6.0	19.0	57	7.8	90	711
31...	0946	7.0	19.0	57	7.8	90	711
31...	0947	8.0	19.0	57	7.8	90	711
31...	0948	9.0	16.4	68	.4	4	711
31...	0949	9.5	13.2	94	.2	2	711

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

472500116450000 COEUR D ALENE LAKE NE OF BLUE POINT NR HARRISON

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat unfl by anal ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)
OCT													
19...	1315	2.0	24	6.87	1.68	E.006	<.016	.13	<.006	E.002	.012	1.81	1.01
19...	1345	12.0	24	6.94	1.71	E.006	<.016	.12	<.006	E.003	.010	--	--
19...	1400	16.0	23	6.41	1.69	.068	.053	.24	<.006	.004	.028	--	--
DEC													
01...	1300	2.0	22	6.13	1.63	E.005	.020	.17	<.006	E.004	.018	1.22	2.73
01...	1315	12.0	21	5.89	1.56	E.006	.022	.17	<.006	.005	.019	--	--
01...	1330	16.0	22	6.09	1.60	E.005	.023	.17	E.003	.005	.022	--	--
APR													
07...	1230	2.0	18	5.00	1.23	<.010	.031	.18	.006	.006	.031	.34	.67
07...	1300	10.0	18	5.10	1.26	<.010	.037	.23	E.005	.009	.035	--	--
07...	1330	16.0	19	5.34	1.34	E.009	.051	.23	E.004	.007	.036	--	--
MAY													
23...	1145	2.0	17	4.84	1.17	<.010	<.016	.06	<.006	E.004	.013	.53	.98
23...	1215	12.0	21	5.54	1.69	E.005	.042	.12	<.006	.005	.012	--	--
23...	1245	16.0	19	5.23	1.53	E.007	.046	.13	<.006	.005	.014	--	--
JUN													
15...	0930	2.0	21	5.73	1.52	<.010	<.016	.07	<.006	E.004	.009	1.07	1.53
15...	0945	12.0	20	5.40	1.53	<.010	<.016	.11	<.006	E.003	.009	--	--
15...	1000	11.0	--	--	--	--	--	--	--	--	--	2.74	3.48
15...	1015	16.0	21	5.51	1.67	<.010	.020	.09	<.006	.005	.008	--	--
JUL													
19...	1445	2.0	21	5.78	1.63	E.005	<.016	.08	<.006	E.002	.007	.55	1.31
19...	1500	12.0	20	5.50	1.54	E.006	<.016	.09	<.006	E.003	.010	--	--
19...	1515	14.0	--	--	--	--	--	--	--	--	--	1.03	1.50
19...	1530	16.0	21	5.79	1.68	E.009	.017	.13	<.006	E.004	.016	--	--
AUG													
31...	1200	2.0	22	6.23	1.65	E.005	<.016	.09	<.006	.004	.007	.54	1.43
31...	1230	15.0	21	5.85	1.63	.020	.038	.15	E.003	.007	.013	--	--

Date	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)
OCT											
19...	--	.08	.12	17	88	.16	.6	1.2	15.7	25.0	30.9
19...	--	.07	.10	24	94	.08	.6	1.1	15.4	24.2	29.7
19...	<1.9	.13	.21	31	303	.10	1.6	138	271	54.7	63.0
DEC											
01...	--	.07	.12	59	288	.21	1.1	5.4	17.4	25.4	29.2
01...	--	.06	.09	61	283	.15	.8	5.3	16.3	22.2	28.4
01...	<1.9	.07	.11	63	312	.15	.9	7.2	18.4	22.0	28.2
APR											
07...	--	<.04	<.04	30	418	<.08	.3	4.7	13.2	1.4	2.4
07...	--	<.04	E.02	54	466	<.08	.3	4.9	14.4	1.2	2.6
07...	<1.9	<.04	E.03	48	478	.09	.8	2.9	21.4	4.2	6.6
MAY											
23...	--	<.04	<.04	35	129	E.05	.2	1.9	8.6	4.2	4.8
23...	--	.17	.19	35	102	.37	1.1	.7	6.6	60.7	60.9
23...	<1.9	.10	.13	37	128	.28	.8	3.1	11.0	35.8	37.2
JUN											
15...	--	.09	.11	29	80	.16	.7	.4	7.5	19.8	24.7
15...	--	.15	.18	14	57	.14	.9	.4	6.9	32.9	37.9
15...	--	--	--	--	--	--	--	--	--	--	--
15...	<1.9	.17	.21	27	92	.26	1.1	8.7	18.5	44.8	49.6
JUL											
19...	--	.16	.19	12	35	.24	1.1	1.3	5.6	36.8	38.1
19...	--	.17	.18	11	48	.12	1.0	2.7	11.6	47.8	47.0
19...	--	--	--	--	--	--	--	--	--	--	--
19...	<1.9	.23	.30	13	166	.14	2.1	34.5	50.2	66.2	62.2
AUG											
31...	--	.13	.16	9	31	E.08	.5	6.6	15.7	33.1	36.3
31...	.5	.29	.35	15	94	.10	1.3	84.7	120	67.8	73.0

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.  
 < Less than  
 E Estimated value

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

472500116450000 COEUR D ALENE LAKE NE OF BLUE POINT NR HARRISON--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	DepthTo bottom at sample location, feet (81903)	Temper- ature, air, deg C (00020)	Incident light intensity 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
OCT							
19...	1250	53.0	15.0	530	.49	9.0	3.50
DEC							
01...	1235	56.0	2.5	180	1.00	4.5	1.50
APR							
07...	1200	56.0	14.0	860	1.17	4.0	1.00
MAY							
23...	1115	56.0	17.0	1950	.66	7.0	3.40
JUN							
15...	0900	57.0	16.5	800	.43	10	3.80
JUL							
19...	1420	57.0	29.0	1570	.33	14	8.30
AUG							
31...	1130	53.0	23.0	1350	.37	13	7.80
Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
OCT							
19...	1255	.50	13.4	57	8.7	91	695
19...	1256	1.0	13.4	57	8.6	90	695
19...	1257	3.0	13.2	57	8.5	89	695
19...	1258	5.0	13.2	57	8.5	89	695
19...	1259	7.0	13.1	57	8.5	89	695
19...	1300	9.0	13.1	57	8.5	89	695
19...	1301	11.0	13.1	57	8.5	89	695
19...	1302	13.0	12.0	57	8.5	87	695
19...	1303	15.0	11.5	57	5.8	58	695
19...	1304	16.0	9.8	54	2.5	24	695
DEC							
01...	1240	1.0	4.9	49	10.8	90	715
01...	1241	3.0	4.9	49	10.7	89	715
01...	1242	5.0	4.8	49	10.6	88	715
01...	1243	7.0	4.8	49	10.6	88	715
01...	1244	9.0	4.7	48	10.6	88	715
01...	1245	11.0	4.6	48	10.6	88	715
01...	1246	13.0	4.5	47	10.5	87	715
01...	1247	15.0	4.5	47	10.4	86	715
01...	1248	16.0	4.5	47	10.3	85	715
APR							
07...	1205	.50	6.7	46	11.3	101	697
07...	1206	1.0	6.5	46	11.3	101	697
07...	1207	3.0	6.0	46	11.2	98	697
07...	1208	5.0	5.6	46	11.2	97	697
07...	1209	7.0	5.5	46	11.2	97	697
07...	1210	9.0	5.4	46	11.2	97	697
07...	1211	11.0	5.3	46	11.0	95	697
07...	1212	13.0	5.3	45	11.2	97	697
07...	1213	15.0	5.0	48	11.0	94	697
MAY							
23...	1120	.50	13.0	42	10.2	104	711
23...	1121	1.0	13.0	42	10.1	103	711
23...	1122	3.0	12.0	41	10.2	101	711
23...	1123	5.0	11.3	40	10.2	100	711
23...	1124	7.0	11.2	40	10.2	100	711
23...	1125	9.0	10.6	40	10.1	97	711
23...	1126	11.0	9.3	43	9.8	92	711
23...	1127	13.0	6.9	50	9.8	86	711
23...	1128	15.0	6.3	50	9.3	81	711
23...	1129	17.0	6.2	51	9.0	78	711
JUN							
15...	0905	1.0	13.6	49	9.9	103	706
15...	0906	3.0	13.3	49	9.8	101	706
15...	0907	5.0	12.9	49	9.7	99	706
15...	0908	7.0	12.6	49	9.8	100	706
15...	0909	9.0	12.3	49	9.7	98	706
15...	0910	11.0	11.2	49	9.8	96	706
15...	0911	13.0	9.6	49	9.0	85	706
15...	0912	15.0	8.9	51	8.9	83	706
15...	0913	17.0	7.4	52	8.2	74	706
JUL							
19...	1425	1.0	21.4	52	8.7	107	702
19...	1426	3.0	21.3	52	8.7	107	702
19...	1427	5.0	19.6	50	9.5	113	702
19...	1428	7.0	18.4	49	9.7	112	702
19...	1429	9.0	17.4	49	9.6	109	702
19...	1430	11.0	16.0	48	9.7	107	702
19...	1431	13.0	11.6	48	7.3	73	702
19...	1432	15.0	8.6	49	7.2	67	702
19...	1433	17.0	8.2	50	6.5	60	702
AUG							
31...	1135	1.0	19.9	57	8.2	97	710
31...	1136	3.0	19.7	56	8.1	95	710
31...	1137	7.0	19.7	56	8.2	96	710
31...	1138	9.0	19.7	57	8.0	94	710
31...	1139	11.0	17.8	52	6.9	78	710
31...	1140	13.0	12.3	52	5.8	58	710
31...	1141	15.0	10.2	51	6.0	57	710
31...	1142	16.0	9.3	52	4.8	45	710
31...	1143	17.0	9.1	55	4.4	41	710

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473054116500600 COEUR D ALENE LK 1.7 MI NE OF UNIVERSITY POINT NR HARRISON

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)
OCT													
20...	0900	2.0	22	6.00	1.67	<.010	<.016	.026	.07	<.006	<.004	.006	.192
20...	0930	20.0	20	5.50	1.54	E.005	.023	<.022	.13	<.006	<.004	.004	.126
20...	0945	30.0	21	5.75	1.61	E.005	E.014	.024	.09	<.006	<.004	E.003	.196
20...	1000	36.0	21	5.67	1.63	<.010	.111	<.022	.19	<.006	E.002	.005	<.12
20...	1045	39.0	21	5.65	1.61	E.008	.110	.104	.27	<.006	.005	.023	1.25
DEC													
01...	0945	2.0	22	6.00	1.80	<.010	.045	.022	.11	<.006	E.004	.005	.133
01...	1015	20.0	23	6.09	1.82	<.010	.053	<.022	.14	<.006	E.004	.016	.127
01...	1045	30.0	23	6.04	1.82	<.010	.052	.023	.13	<.006	E.002	E.004	.168
01...	1100	39.0	21	5.56	1.75	E.008	.044	.040	.15	<.006	.005	.009	.215
01...	1115	40.0	21	5.54	1.73	.010	.049	.081	.18	<.006	.007	.018	.551
JAN													
24...	1100	2.0	22	5.82	1.78	<.010	.053	.025	.20	<.006	E.004	.008	.143
24...	1130	20.0	22	5.77	1.77	E.005	.055	<.022	.13	<.006	E.002	.007	.126
24...	1145	30.0	22	5.81	1.78	E.005	.059	<.022	.13	<.006	<.004	.007	.123
24...	1215	38.0	21	5.61	1.73	E.005	.057	<.022	.13	<.006	E.003	.007	.125
24...	1245	39.0	22	5.87	1.77	.011	.069	.066	.17	.006	.004	.016	.409
APR													
06...	0915	2.0	21	5.70	1.73	<.010	.031	.045	.13	<.006	E.002	.012	.294
06...	0945	20.0	22	5.77	1.75	<.010	.041	.038	.14	<.006	E.002	.012	.274
06...	1015	30.0	22	5.76	1.74	<.010	.037	.037	.13	<.006	<.004	.014	.332
06...	1030	38.0	22	5.78	1.75	<.010	.038	.037	.13	E.004	<.004	.041	.266
06...	1115	40.0	21	5.53	1.66	E.005	.051	.070	.16	<.006	.004	.018	.443
MAY													
25...	0915	2.0	20	5.36	1.58	<.010	<.016	.027	.08	<.006	E.002	.008	.245
25...	0930	20.0	20	5.36	1.70	<.010	.043	<.022	.13	<.006	E.003	.005	.122
25...	0945	30.0	21	5.44	1.73	.011	.055	<.022	.14	<.006	.004	.005	<.12
25...	1015	38.0	21	5.50	1.76	.014	.065	<.022	.15	<.006	.005	.009	<.12
25...	1100	39.0	21	5.49	1.73	.021	.065	.064	.19	<.006	.007	.022	.556
JUN													
14...	1030	2.0	20	5.34	1.58	<.010	<.016	.030	.07	<.006	E.004	.006	.219
14...	1045	20.0	21	5.58	1.75	<.010	.022	<.022	.10	<.006	E.004	.009	.171
14...	1100	13.0	--	--	--	--	--	--	--	--	--	--	--
14...	1130	30.0	21	5.55	1.76	<.010	.051	<.022	.13	<.006	E.002	.006	<.12
14...	1145	38.0	21	5.51	1.75	<.010	.076	<.022	.14	<.006	E.003	.006	<.12
14...	1200	39.0	21	5.48	1.73	<.04	.061	.077	.19	<.02	.005	.026	.612
JUL													
19...	0945	2.0	21	5.63	1.60	<.010	<.016	<.022	.08	<.006	E.002	.004	.203
19...	1015	20.0	20	5.47	1.65	<.010	E.011	.024	.11	<.006	E.002	.007	.231
19...	1030	16.0	--	--	--	--	--	--	--	--	--	--	--
19...	1045	30.0	21	5.41	1.70	<.010	.060	<.022	.12	<.006	<.004	.004	.122
19...	1100	38.0	21	5.46	1.71	<.010	.085	<.022	.19	<.006	E.002	.006	.166
19...	1130	39.0	21	5.61	1.70	E.008	.081	.047	.22	<.006	.007	.026	.972
AUG													
31...	1415	2.0	21	5.80	1.62	<.010	<.016	<.022	.07	<.006	E.003	.004	.197
31...	1440	14.0	--	--	--	--	--	--	--	--	--	--	--
31...	1445	20.0	21	5.57	1.66	<.010	.065	<.022	.13	<.006	E.002	.004	.121
31...	1515	30.0	21	5.69	1.64	<.010	<.016	<.022	.09	<.006	E.003	.008	.170
31...	1530	38.0	21	5.52	1.64	<.010	.098	<.022	.16	E.003	.004	.006	<.12
SEP													
07...	1000	40.0	20	5.47	1.60	E.005	.093	.069	.22	<.006	.006	.018	.402

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473054116500600 COEUR D ALENE LK 1.7 MI NE OF UNIVERSITY POINT NR HARRISON--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Inor- ganic carbon, suspnd total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, fltrd, mg/L (00681)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, recover- able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)
OCT													
20...	<.12	.186	1.3	.50	1.38	--	.20	.21	<6	11	E.07	.6	.3
20...	<.12	.125	1.4	--	--	--	.23	.24	E4	13	E.05	.7	.4
20...	<.12	.196	1.4	--	--	--	.20	.25	<6	13	E.06	.7	.3
20...	<.12	<.12	1.4	--	--	<1.9	.28	.31	<6	14	E.06	.7	.6
20...	.324	.924	1.7	--	--	<1.9	.66	1.06	8	789	2.06	53.2	72.3
DEC													
01...	<.12	.133	1.2	.76	1.23	--	.29	.33	E6	29	.22	1.7	.5
01...	<.12	.127	1.3	--	--	--	.25	.30	8	35	.23	2.0	.5
01...	<.12	.168	1.2	--	--	--	.26	.30	8	35	.24	2.2	.6
01...	<.12	.215	1.4	--	--	<1.9	.42	.47	27	166	2.63	17.4	17.2
01...	<.12	.551	1.5	--	--	<1.9	.57	.71	25	287	1.87	22.9	24.3
JAN													
24...	<.12	.141	1.4	.29	1.68	--	.27	.32	24	105	.89	4.7	3.8
24...	<.12	.126	1.3	--	--	--	.26	.31	22	92	.47	3.5	.3
24...	<.12	.123	1.4	--	--	--	.27	.30	15	69	.43	3.2	E.2
24...	<.12	.125	1.3	--	--	<1.9	.27	.28	12	60	.34	2.9	.2
24...	<.12	.409	1.4	--	--	<1.9	.50	.62	14	416	1.89	26.5	18.4
APR													
06...	<.12	.294	1.2	.53	1.84	--	.34	.42	40	126	2.16	9.8	7.4
06...	<.12	.262	1.2	--	--	--	.28	.36	39	126	1.63	8.1	3.1
06...	<.12	.332	1.1	--	--	--	.28	.35	43	122	1.49	7.8	2.1
06...	<.12	.265	1.2	--	--	<1.9	.27	.35	35	118	1.47	7.5	1.3
06...	<.12	.443	1.3	--	--	<1.9	.36	.49	35	322	3.07	23.7	8.3
MAY													
25...	<.12	.244	1.2	.86	1.47	--	.23	.27	24	76	.47	1.9	2.6
25...	<.12	.121	1.3	--	--	--	.24	.27	20	45	.40	1.1	.2
25...	<.12	<.12	1.3	--	--	--	.24	.26	19	51	.40	1.2	E.2
25...	<.12	<.12	1.4	--	--	<1.9	.26	.29	21	48	.42	1.1	.4
25...	<.12	.524	1.4	--	--	<1.9	.54	.76	26	624	3.18	37.5	38.1
JUN													
14...	<.12	.217	1.2	1.02	2.0	--	.20	.24	13	40	.24	1.2	.3
14...	<.12	.171	1.4	--	--	--	.21	.24	20	51	.29	1.2	.3
14...	--	--	--	2.28	3.30	--	--	--	--	--	--	--	--
14...	<.12	<.12	1.3	--	--	--	.24	.26	16	44	.32	1.0	E.2
14...	<.12	<.12	1.3	--	--	<1.9	.26	.29	13	51	.31	1.1	.4
14...	<.12	.586	1.4	--	--	<1.9	.35	.62	18	452	.60	22.2	8.3
JUL													
19...	<.12	.203	1.2	<.1	.20	--	.21	.23	E5	19	.18	.8	1.0
19...	<.12	.231	1.3	--	--	--	.24	.25	11	41	.16	1.2	.4
19...	--	--	--	.17	.73	--	--	--	--	--	--	--	--
19...	<.12	.122	1.2	--	--	--	.26	.27	9	33	.18	.8	.2
19...	<.12	.166	1.2	--	--	<1.9	.28	.29	8	41	.18	.9	.7
19...	<.12	.972	1.4	--	--	<1.9	.54	.74	14	490	1.08	30.3	49.7
AUG													
31...	<.12	.184	1.5	.35	1.10	--	.18	.19	E5	12	E.07	.5	.7
31...	--	--	--	.56	1.64	--	--	--	--	--	--	--	--
31...	<.12	<.12	1.4	--	--	--	.24	.26	9	22	.15	.6	.3
31...	<.12	.155	1.5	--	--	--	.20	.28	7	42	.10	1.9	2.6
31...	<.12	<.12	1.3	--	--	.3	.30	.34	10	26	.11	.7	.7
SEP													
07...	<.12	.402	1.4	--	--	.5	.52	.68	8	269	.37	13.6	62.6

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473054116500600 COEUR D ALENE LK 1.7 MI NE OF UNIVERSITY POINT NR HARRISON--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)
OCT			
20...	4.2	50.7	53.1
20...	5.3	65.2	68.7
20...	4.5	58.6	61.4
20...	7.9	87.3	89.8
20...	233	117	180
DEC			
01...	7.6	71.1	72.2
01...	10.0	75.3	75.4
01...	10.2	75.0	76.9
01...	30.0	87.0	91.2
01...	82.5	105	134
JAN			
24...	16.1	66.7	73.8
24...	11.0	63.9	72.1
24...	9.4	65.5	70.5
24...	7.7	65.5	70.0
24...	76.6	88.2	131
APR			
06...	22.2	75.8	75.0
06...	19.5	73.4	73.8
06...	18.4	75.7	73.0
06...	17.8	70.9	73.4
06...	55.2	93.7	118
MAY			
25...	11.1	49.9	54.0
25...	3.3	61.0	63.1
25...	2.8	64.2	64.1
25...	2.5	68.9	69.0
25...	117	108	159
JUN			
14...	6.0	36.8	45.5
14...	6.1	52.3	57.6
14...	--	--	--
14...	3.1	57.7	62.4
14...	3.2	64.6	68.9
14...	102	67.8	99.9
JUL			
19...	3.3	46.7	44.1
19...	4.7	68.7	64.2
19...	--	--	--
19...	2.3	68.9	62.4
19...	3.6	78.0	70.1
19...	170	108	130
AUG			
31...	3.8	41.5	44.2
31...	--	--	--
31...	3.2	66.4	65.3
31...	27.1	62.0	67.5
31...	7.9	75.1	78.1
SEP			
07...	178	--	135

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.  
 < Less than.  
 E Estimated.

Date	Time	DepthTo bottom at sample loca- tion, feet (81903)	Temper- ature, air, deg C (00020)	Inci- dent light intnsty 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
OCT							
20...	0830	124.0	10.5	180	.25	17	7.00
DEC							
01...	0915	128.0	2.0	163	.28	14	7.80
JAN							
24...	1030	125.0	4.0	520	.57	9.0	3.70
APR							
06...	0840	131.0	12.0	420	.49	8.0	2.50
MAY							
25...	0840	128.0	17.0	1000	.50	9.0	4.40
JUN							
14...	0950	127.0	13.0	252	.33	12	4.30
JUL							
19...	0910	129.0	25.5	1180	.32	15	10.4
AUG							
31...	1340	129.0	27.5	1500	.27	18	11.9

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473054116500600 COEUR D ALENE LK 1.7 MI NE OF UNIVERSITY POINT NR HARRISON--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
OCT							
20...	0835	.50	13.5	52	8.2	86	696
20...	0836	1.0	13.5	52	8.2	86	696
20...	0837	3.0	13.5	52	8.3	87	696
20...	0838	5.0	13.5	52	8.3	87	696
20...	0839	7.0	13.5	51	8.3	87	696
20...	0840	9.0	13.5	51	8.3	87	696
20...	0841	11.0	13.5	51	8.3	87	696
20...	0842	13.0	13.5	51	8.3	87	696
20...	0843	15.0	13.4	51	8.2	86	696
20...	0844	17.0	12.9	51	7.9	82	696
20...	0845	20.0	10.9	49	7.3	72	696
20...	0846	25.0	8.7	49	6.6	62	696
20...	0847	30.0	7.1	50	6.7	61	696
20...	0848	35.0	7.0	50	6.8	61	696
20...	0849	37.5	6.9	50	6.7	60	696
DEC							
01...	0920	1.0	7.2	51	8.7	77	714
01...	0921	3.0	7.3	51	8.9	79	714
01...	0922	5.0	7.3	51	8.9	79	714
01...	0923	7.0	7.3	51	9.1	81	714
01...	0924	9.0	7.2	51	8.8	78	714
01...	0925	11.0	7.2	51	8.8	78	714
01...	0926	13.0	7.1	51	8.7	77	714
01...	0927	15.0	7.0	51	8.7	77	714
01...	0928	20.0	7.0	50	8.6	76	714
01...	0929	25.0	7.0	50	8.6	76	714
01...	0930	30.0	7.0	50	8.7	77	714
01...	0931	35.0	6.5	48	9.0	78	714
01...	0932	38.0	5.7	46	9.3	79	714
JAN							
24...	1035	1.0	2.2	50	12.9	101	711
24...	1036	3.0	2.2	50	12.4	97	711
24...	1037	5.0	2.2	50	12.0	94	711
24...	1038	7.0	2.2	50	11.7	91	711
24...	1039	9.0	2.2	50	11.6	90	711
24...	1040	11.0	2.2	50	11.5	90	711
24...	1041	13.0	2.2	50	11.3	88	711
24...	1042	15.0	2.2	50	11.2	87	711
24...	1043	17.0	2.3	49	11.0	86	711
24...	1044	20.0	2.3	49	10.7	84	711
24...	1045	25.0	2.4	48	10.4	81	711
24...	1046	30.0	2.9	48	9.9	79	711
24...	1047	35.0	3.1	48	9.7	77	711
24...	1048	38.0	3.2	48	9.4	75	711
APR							
06...	0845	1.0	5.2	54	12.1	102	714
06...	0846	3.0	5.2	54	12.2	103	714
06...	0847	5.0	5.0	55	12.1	101	714
06...	0848	7.0	4.8	55	12.0	100	714
06...	0849	9.0	4.7	55	12.0	100	714
06...	0850	11.0	4.7	54	12.0	100	714
06...	0851	15.0	4.7	54	12.0	100	714
06...	0852	17.0	4.7	54	11.9	99	714
06...	0853	20.0	4.7	54	11.8	98	714
06...	0854	25.0	4.6	54	11.7	97	714
06...	0855	30.0	4.6	53	11.7	97	714
06...	0856	35.0	4.6	53	11.7	97	714
06...	0857	38.0	4.6	53	10.8	89	714
MAY							
25...	0845	1.0	12.1	48	10.4	103	715
25...	0846	3.0	11.9	48	10.4	103	715
25...	0847	5.0	11.8	48	10.4	102	715
25...	0848	7.0	11.8	48	10.5	103	715
25...	0849	9.0	11.8	48	10.4	102	715
25...	0850	11.0	11.2	49	10.5	102	715
25...	0851	15.0	7.9	50	10.8	97	715
25...	0852	20.0	6.3	50	10.9	94	715
25...	0853	25.0	5.8	50	10.9	93	715
25...	0854	30.0	5.4	51	10.9	92	715
25...	0855	35.0	5.3	50	10.7	90	715
25...	0856	39.0	5.2	50	10.4	87	715



## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473054116500600 COEUR D ALENE LK 1.7 MI NE OF UNIVERSITY POINT NR HARRISON--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
JUN							
14...	0955	1.0	14.5	51	9.4	100	703
14...	0956	3.0	14.5	51	9.5	101	703
14...	0957	5.0	14.2	51	9.5	100	703
14...	0958	7.0	14.2	51	9.5	100	703
14...	0959	9.0	14.2	51	9.4	99	703
14...	1000	11.0	13.7	51	9.4	98	703
14...	1001	13.0	12.8	51	9.4	96	703
14...	1002	15.0	9.5	51	9.5	90	703
14...	1003	20.0	6.8	52	9.2	82	703
14...	1004	25.0	6.1	53	9.7	85	703
14...	1005	30.0	5.7	53	9.9	86	703
14...	1006	35.0	5.4	53	9.7	83	703
14...	1007	38.0	5.3	53	8.7	74	703
JUL							
19...	0915	1.0	20.7	50	8.5	103	704
19...	0916	3.0	20.6	50	8.5	103	704
19...	0917	5.0	20.5	50	8.5	102	704
19...	0918	7.0	19.6	49	8.8	104	704
19...	0919	9.0	17.1	48	9.3	105	704
19...	0920	11.0	14.4	48	9.6	102	704
19...	0921	13.0	11.1	47	9.6	95	704
19...	0922	15.0	8.9	48	9.6	90	704
19...	0923	20.0	6.9	48	9.0	80	704
19...	0924	25.0	6.0	49	9.4	82	704
19...	0925	30.0	5.6	49	9.7	84	704
19...	0926	35.0	5.5	49	9.6	82	704
19...	0927	39.0	5.4	49	8.4	72	704
AUG							
31...	1345	1.0	20.4	53	8.2	98	709
31...	1346	3.0	19.9	53	8.1	96	709
31...	1347	5.0	19.9	53	8.2	97	709
31...	1348	7.0	19.8	53	8.1	96	709
31...	1349	9.0	19.8	54	8.1	96	709
31...	1350	11.0	19.7	54	8.1	95	709
31...	1351	13.0	16.2	51	8.4	92	709
31...	1352	15.0	11.4	50	8.2	81	709
31...	1353	17.0	9.8	50	7.3	69	709
31...	1354	19.0	8.2	50	7.3	67	709
31...	1355	21.0	7.8	50	7.2	65	709
31...	1356	23.0	7.2	50	7.8	69	709
31...	1357	25.0	6.6	50	8.2	72	709
31...	1358	30.0	5.9	50	8.8	76	709
31...	1359	35.0	5.7	50	8.3	71	709
31...	1400	39.0	5.7	50	7.5	64	709

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473500116482000 COEUR D ALENE LAKE 0.8 MI SW OF DRIFTWOOD POINT NR COEUR D ALENE

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat unf ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Total carbon, suspnd total, mg/L (00694)
OCT													
20...	1215	2.0	20	5.58	1.55	E.005	E.008	--	.09	<.006	<.004	.005	--
20...	1245	25.0	21	5.71	1.65	<.010	.090	--	.15	<.006	E.002	E.003	--
20...	1300	40.0	21	5.75	1.65	<.010	.107	--	.17	<.006	E.003	E.003	--
20...	1315	54.0	21	5.65	1.62	<.010	.116	--	.18	<.006	E.003	E.004	--
DEC													
02...	0900	2.0	22	5.96	1.78	E.006	.040	--	.13	<.006	E.003	E.004	--
02...	0930	25.0	22	5.98	1.78	E.006	.040	--	.13	<.006	E.002	E.004	--
02...	1000	40.0	22	5.98	1.80	E.005	.043	--	.12	<.006	<.004	.005	--
02...	1015	58.0	22	5.84	1.82	E.009	.049	--	.14	<.006	<.004	.006	--
JAN													
25...	0900	2.0	22	5.83	1.79	<.010	.054	--	.14	<.006	.005	.008	--
25...	0915	25.0	22	5.86	1.79	E.006	.055	--	.12	<.006	E.003	.008	--
25...	0930	40.0	21	5.70	1.75	E.006	.057	--	.14	<.006	E.002	.007	--
25...	0945	56.0	22	5.80	1.77	E.006	.057	--	.14	<.006	E.004	.006	--
APR													
07...	0915	2.0	22	5.75	1.75	<.010	.041	--	.18	E.003	<.004	.008	--
07...	0945	25.0	22	5.93	1.79	<.010	.042	--	.15	<.006	<.004	.009	--
07...	1000	40.0	21	5.70	1.74	<.010	.048	--	.16	<.006	<.004	.008	--
07...	1015	54.0	21	5.70	1.74	<.010	.048	--	.14	<.006	<.004	.009	--
JUN													
14...	0845	2.0	20	5.38	1.62	<.010	<.016	--	.08	<.006	<.004	.005	--
14...	0900	13.0	--	--	--	--	--	--	--	--	--	--	--
14...	0915	25.0	21	5.55	1.78	<.010	.033	--	.10	<.006	E.002	.004	--
14...	0930	40.0	21	5.42	1.74	<.010	.056	--	.12	<.006	E.002	.005	--
14...	0945	53.0	21	5.61	1.80	<.010	.066	--	.14	<.006	E.002	.008	--
JUL													
20...	0830	2.0	21	5.62	1.61	<.010	<.016	--	.09	<.006	<.004	.004	--
20...	0900	15.0	--	--	--	--	--	--	--	--	--	--	--
20...	0915	25.0	20	5.38	1.69	<.010	.049	--	.13	<.006	E.002	.006	--
20...	0930	40.0	21	5.49	1.71	<.010	.064	--	.12	<.006	E.002	.005	--
20...	0945	58.0	22	5.71	1.76	<.010	.080	--	.17	<.006	E.003	.006	--
SEP													
01...	0900	2.0	21	5.72	1.61	<.010	<.016	--	.14	<.006	<.004	.007	--
01...	0920	13.0	--	--	--	--	--	--	--	--	--	--	--
01...	0930	25.0	21	5.67	1.68	<.010	.041	--	.10	<.006	E.003	.004	--
01...	0945	40.0	21	5.58	1.66	<.010	.075	--	.14	<.006	E.002	.004	--
01...	1000	57.0	21	5.57	1.66	<.010	.086	--	.17	<.006	E.004	.005	--
07...	0845	60.0	20	5.41	1.60	E.005	.081	.038	.21	<.006	.007	.018	.441

Date	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, fltrd, mg/L (00681)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro- ug/L (70953)	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, recover -able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)
OCT													
20...	--	--	--	.43	1.14	--	.19	.22	<6	9	E.04	.4	.3
20...	--	--	--	--	--	--	.29	.30	<6	9	E.04	.4	.3
20...	--	--	--	--	--	--	.29	.31	<6	10	E.04	.5	.3
20...	--	--	--	--	--	<1.9	.32	.32	E3	10	E.05	.4	.3
DEC													
02...	--	--	--	.77	1.32	--	.22	.26	E4	21	.09	.9	.2
02...	--	--	--	--	--	--	.24	.26	E3	23	.09	1.0	.3
02...	--	--	--	--	--	--	.27	.31	8	40	.39	3.1	1.1
02...	--	--	--	--	--	<1.9	.37	.42	20	111	1.58	12.1	7.4
JAN													
25...	--	--	--	<.1	<.1	--	.26	.29	11	54	.32	2.5	.2
25...	--	--	--	--	--	--	.26	.28	8	54	.25	2.5	.2
25...	--	--	--	--	--	--	.27	.29	9	53	.26	2.5	E.1
25...	--	--	--	--	--	<1.9	.27	.32	7	76	.21	3.8	2.2
APR													
07...	--	--	--	.43	2.15	--	.25	.27	23	69	.62	2.5	.2
07...	--	--	--	--	--	--	.25	.28	27	75	.77	2.7	.2
07...	--	--	--	--	--	--	.23	.24	16	62	.45	1.9	E.2
07...	--	--	--	--	--	<1.9	.22	.26	19	70	.49	2.3	.4
JUN													
14...	--	--	--	.96	1.63	--	.21	.24	10	33	.18	.9	.3
14...	--	--	--	1.29	2.08	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	.23	.26	12	33	.25	.8	E.2
14...	--	--	--	--	--	--	.24	.25	12	33	.25	.7	E.2
14...	--	--	--	--	--	<1.9	.24	.28	13	42	.29	.9	.5
JUL													
20...	--	--	--	.49	1.10	--	.21	.22	E4	17	.13	.6	.9
20...	--	--	--	2.07	3.31	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	.25	.28	7	29	.15	.7	.2
20...	--	--	--	--	--	--	.27	.27	8	29	.18	.7	.3
20...	--	--	--	--	--	<1.9	.27	.28	7	38	.18	.8	.9
SEP													
01...	--	--	--	.30	.88	--	.16	.20	E4	9	E.06	.4	.7
01...	--	--	--	.55	1.32	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	.23	.25	9	17	.09	.5	.3
01...	--	--	--	--	--	--	.27	.27	6	19	.10	.4	.3
01...	--	--	--	--	--	.3	.26	.30	7	20	.08	.5	.3
07...	<.12	.441	1.5	--	--	.4	.45	.64	8	251	.45	13.1	84.2

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473500116482000 COEUR D ALENE LAKE 0.8 MI SW OF DRIFTWOOD POINT NR COEUR D ALENE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Manganese, water, unfltrd recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)
OCT			
20...	3.3	48.3	50.4
20...	3.8	85.8	82.7
20...	4.1	83.4	88.7
20...	4.3	86.3	89.7
DEC			
02...	5.2	62.7	65.8
02...	5.5	63.8	67.1
02...	8.8	72.4	74.9
02...	21.5	80.9	87.2
JAN			
25...	6.7	62.9	69.2
25...	6.3	66.2	70.6
25...	6.3	64.4	70.3
25...	10.9	65.8	71.2
APR			
07...	7.7	68.9	67.0
07...	8.5	69.3	67.3
07...	6.5	68.1	68.2
07...	8.2	67.8	69.2
JUN			
14...	4.5	36.2	44.0
14...	--	--	--
14...	2.2	56.1	60.5
14...	1.6	57.8	61.8
14...	2.4	61.4	65.1
JUL			
20...	2.6	48.0	43.6
20...	--	--	--
20...	2.3	68.8	62.4
20...	1.9	69.3	62.4
20...	3.2	75.7	67.9
SEP			
01...	2.7	41.3	43.9
01...	--	--	--
01...	2.7	62.8	65.4
01...	2.8	69.1	69.7
01...	3.3	70.0	72.4
07...	187	--	125

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.  
 < Less than.  
 E Estimated.

Date	Time	DepthTo bottom at sample locat- ion, feet (81903)	Temper- ature, deg C (00020)	Inci- dent light intnsty 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
OCT							
20...	1140	179.0	13.5	500	.26	16	8.80
DEC							
04...	0825	190.0	2.5	19.0	.29	13	6.30
JAN							
25...	0825	184.0	3.0	250	.46	11	4.80
APR							
07...	0830	178.0	7.0	135	.39	10	3.00
JUN							
14...	0800	176.0	13.5	730	.35	12	4.90
JUL							
20...	0745	196.0	22.0	765	.32	15	8.80
SEP							
01...	0825	193.0	21.0	500	.26	17	10.5

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473500116482000 COEUR D ALENE LAKE 0.8 MI SW OF DRIFTWOOD POINT NR COEUR D ALENE--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
OCT							
20...	1145	.50	13.7	50	8.7	92	697
20...	1146	1.0	13.7	50	8.6	91	697
20...	1147	3.0	13.6	50	8.6	91	697
20...	1148	5.0	13.6	50	8.6	91	697
20...	1149	7.0	13.6	50	8.5	89	697
20...	1150	9.0	13.5	49	8.5	89	697
20...	1151	11.0	13.3	49	8.4	88	697
20...	1152	13.0	11.9	50	8.1	82	697
20...	1153	15.0	10.7	49	7.7	76	697
20...	1154	17.0	9.3	49	7.4	71	697
20...	1155	20.0	8.2	50	7.2	67	697
20...	1156	25.0	7.3	50	7.2	65	697
20...	1157	30.0	7.0	50	7.2	65	697
20...	1158	35.0	6.9	50	7.2	65	697
20...	1159	40.0	6.8	50	7.2	65	697
20...	1200	45.0	6.6	50	7.1	63	697
20...	1201	50.0	6.5	50	7.0	62	697
20...	1202	54.0	6.5	50	6.6	59	697
DEC							
04...	0830	1.0	7.4	51	9.6	85	717
04...	0831	3.0	7.4	51	9.4	83	717
04...	0832	5.0	7.4	51	9.3	82	717
04...	0833	7.0	7.4	51	9.3	82	717
04...	0834	9.0	7.4	50	9.3	82	717
04...	0835	11.0	7.4	50	9.2	81	717
04...	0836	13.0	7.4	50	9.2	81	717
04...	0837	15.0	7.4	50	9.2	81	717
04...	0838	20.0	7.4	50	9.2	81	717
04...	0839	25.0	7.4	49	9.2	81	717
04...	0840	30.0	7.4	49	9.2	81	717
04...	0841	35.0	7.4	49	9.1	80	717
04...	0842	40.0	7.2	48	9.2	81	717
04...	0843	45.0	6.9	48	9.1	79	717
04...	0844	50.0	6.7	48	9.0	78	717
04...	0845	55.0	6.7	47	9.0	78	717
04...	0846	58.0	6.7	47	9.0	78	717
JAN							
25...	0830	1.0	2.4	51	12.1	95	710
25...	0831	3.0	2.7	50	10.9	86	710
25...	0832	5.0	2.7	50	10.7	85	710
25...	0833	7.0	2.8	50	10.5	83	710
25...	0834	9.0	2.8	50	10.4	82	710
25...	0835	11.0	2.8	50	10.3	82	710
25...	0836	13.0	2.9	50	10.1	80	710
25...	0837	15.0	3.0	49	10.0	80	710
25...	0838	17.0	3.0	50	10.0	80	710
25...	0839	20.0	3.1	49	9.8	78	710
25...	0840	25.0	3.1	49	9.8	78	710
25...	0841	30.0	3.1	48	9.8	78	710
25...	0842	35.0	3.1	48	9.8	78	710
25...	0843	40.0	3.2	48	9.7	78	710
25...	0844	45.0	3.2	48	9.6	77	710
25...	0845	50.0	3.3	48	9.6	77	710
25...	0846	55.0	3.4	48	9.4	76	710
25...	0847	56.0	3.4	48	9.2	74	710
APR							
07...	0835	1.0	4.5	55	12.1	102	700
07...	0836	3.0	4.5	55	12.2	103	700
07...	0837	5.0	4.5	55	12.1	102	700
07...	0838	7.0	4.5	55	12.1	102	700
07...	0839	9.0	4.5	55	12.1	102	700
07...	0840	11.0	4.5	54	12.0	101	700
07...	0841	13.0	4.5	54	12.0	101	700
07...	0842	15.0	4.4	54	12.0	101	700
07...	0843	20.0	4.4	54	11.9	100	700
07...	0844	25.0	4.3	54	11.9	100	700
07...	0845	30.0	4.3	53	11.9	100	700
07...	0846	35.0	4.2	53	11.9	99	700
07...	0847	40.0	4.2	53	11.8	99	700
07...	0848	45.0	4.2	53	11.8	99	700
07...	0849	50.0	4.2	53	11.7	98	700
07...	0850	54.0	4.2	53	11.3	94	700

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473500116482000 COEUR D ALENE LAKE 0.8 MI SW OF DRIFTWOOD POINT NR COEUR D ALENE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
JUN							
14...	0805	1.0	14.6	51	9.4	100	705
14...	0806	3.0	14.6	51	9.4	100	705
14...	0807	5.0	14.6	51	9.3	99	705
14...	0808	7.0	14.5	51	9.4	100	705
14...	0809	9.0	14.4	51	9.4	100	705
14...	0810	11.0	14.2	51	9.3	98	705
14...	0811	13.0	10.0	52	9.6	92	705
14...	0812	15.0	7.4	53	9.7	87	705
14...	0813	20.0	6.5	53	9.8	86	705
14...	0814	25.0	5.7	53	10.0	86	705
14...	0815	30.0	5.5	53	10.0	86	705
14...	0816	35.0	5.4	53	10.0	86	705
14...	0817	40.0	5.4	53	10.0	86	705
14...	0818	45.0	5.4	52	10.0	86	705
14...	0819	50.0	5.4	52	9.9	85	705
14...	0820	53.0	5.2	52	9.1	77	705
JUL							
20...	0750	1.0	21.3	48	8.5	104	706
20...	0751	3.0	21.3	48	8.4	103	706
20...	0752	5.0	21.3	48	8.4	103	706
20...	0753	7.0	21.3	49	8.4	103	706
20...	0754	9.0	21.3	49	8.4	103	706
20...	0755	11.0	14.4	47	10.0	106	706
20...	0756	13.0	11.8	48	10.1	101	706
20...	0757	15.0	7.9	48	9.5	86	706
20...	0758	20.0	6.7	49	9.3	82	706
20...	0759	25.0	6.1	49	9.5	83	706
20...	0800	30.0	5.8	49	9.5	82	706
20...	0801	35.0	5.7	48	9.5	82	706
20...	0802	40.0	5.6	48	9.5	82	706
20...	0803	45.0	5.6	48	9.5	82	706
20...	0804	50.0	5.5	48	9.3	80	706
20...	0805	55.0	5.5	48	9.1	78	706
20...	0806	59.0	5.5	48	9.0	77	706
SEP							
01...	0830	1.0	19.9	52	8.4	99	709
01...	0831	3.0	19.9	52	8.1	96	709
01...	0832	5.0	19.9	52	8.2	97	709
01...	0833	7.0	19.9	52	8.2	97	709
01...	0834	9.0	19.9	52	8.1	96	709
01...	0835	11.0	19.9	52	8.1	96	709
01...	0836	13.0	17.6	51	8.3	94	709
01...	0837	15.0	9.8	50	8.6	82	709
01...	0838	17.0	8.5	50	8.4	77	709
01...	0839	20.0	7.1	50	8.3	74	709
01...	0840	25.0	6.3	50	8.5	74	709
01...	0841	30.0	6.1	50	8.6	74	709
01...	0842	35.0	6.0	50	8.6	74	709
01...	0843	40.0	5.8	50	8.5	73	709
01...	0844	45.0	5.7	50	8.5	73	709
01...	0845	50.0	5.7	50	8.4	72	709
01...	0846	55.0	5.7	50	8.4	72	709
01...	0847	58.0	5.7	50	8.2	70	709

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

47355116474300 COEUR D'ALENE LAKE NR DRIFTWOOD POINT NR COEUR D'ALENE

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitro- gen, wat unfl- trd, by anal- ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd, mg/L (00665)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)
MAY													
24...	1045	2.0	20	5.26	1.60	<.010	<.016	E.06	<.006	E.003	.008	.81	1.99
24...	1115	20.0	20	5.35	1.72	.010	.028	.12	<.006	E.003	E.004	--	--
24...	1130	30.0	21	5.47	1.75	.018	.046	.10	<.006	E.003	.006	--	--
24...	1145	41.0	21	5.46	1.75	.018	.048	.13	<.006	E.003	.007	--	--

Date	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, recover- able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd, recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd, recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd, recover- able, ug/L (01092)
MAY											
24...	--	.20	.26	21	46	.31	1.3	.7	6.5	47.5	51.5
24...	--	.22	.25	10	28	.20	.8	E.1	2.1	63.0	62.8
24...	--	.23	.26	13	33	.31	.8	E.2	1.5	65.1	65.1
24...	<1.9	.24	.27	15	31	.30	.8	.2	1.5	66.2	65.4

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.  
 < Less than  
 E Estimated

Date	Time	DepthTo bottom at sample locat- ion, feet (81903)	Temper- ature, air, deg C (00020)	Inci- dent light intnsty 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
MAY							
24...	1015	138.0	13.5	1500	.41	11	5.10
Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unfl- trd, uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
MAY							
24...	1020	1.0	12.5	49	10.8	109	711
24...	1021	3.0	12.5	49	10.5	106	711
24...	1022	5.0	12.4	49	10.5	105	711
24...	1023	7.0	12.2	49	10.5	105	711
24...	1024	9.0	12.0	49	10.5	104	711
24...	1025	11.0	11.5	49	10.5	103	711
24...	1026	15.0	10.6	49	10.5	101	711
24...	1027	20.0	6.0	51	11.3	97	711
24...	1028	25.0	5.4	51	11.2	95	711
24...	1029	30.0	5.3	51	11.1	94	711
24...	1030	35.0	5.3	50	11.0	93	711
24...	1031	40.0	5.2	50	11.0	93	711
24...	1032	42.0	5.2	51	9.9	84	711

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473900116453000 COEUR D ALENE LAKE 1.3 MI SE OF TUBBS HILL NR COEUR D ALENE

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat unf by anal- ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)
OCT													
20...	1415	2.0	20	5.44	1.52	E.005	<.016	--	.10	<.006	<.004	.008	--
20...	1430	20.0	21	5.57	1.60	E.005	.083	--	.17	<.006	E.003	.004	--
20...	1445	30.0	21	5.70	1.64	E.005	.106	--	.18	<.006	<.004	.005	--
20...	1500	38.0	20	5.57	1.58	<.010	.059	--	.13	<.006	<.004	E.002	--
DEC													
02...	1130	2.0	22	5.82	1.72	<.010	.028	--	.11	<.006	<.004	<.004	--
02...	1200	20.0	22	5.88	1.75	<.010	.028	--	.10	<.006	E.003	<.004	--
02...	1215	30.0	21	5.72	1.70	E.005	.027	--	.10	<.006	<.004	E.003	--
02...	1230	39.0	22	5.86	1.74	<.010	.028	--	.14	<.006	.004	--	--
JAN													
25...	1130	2.0	22	5.99	1.80	<.010	.046	--	.13	<.006	E.002	.005	--
25...	1145	20.0	23	6.09	1.83	<.010	.044	--	.11	<.006	<.004	.004	--
25...	1215	30.0	23	6.12	1.84	<.010	.044	--	.12	<.006	<.004	.004	--
25...	1230	38.0	23	6.04	1.81	<.010	.046	--	.12	<.006	<.004	.006	--
APR													
06...	1330	2.0	21	5.72	1.75	E.007	.024	--	.25	E.003	<.004	.007	--
06...	1400	20.0	22	6.01	1.78	E.006	.027	--	.13	<.006	<.004	.006	--
06...	1430	30.0	21	5.55	1.70	E.008	.027	--	.13	<.006	<.004	.007	--
06...	1445	38.0	21	5.57	1.70	E.007	.027	--	.13	<.006	<.004	.006	--
MAY													
24...	1315	2.0	20	5.30	1.62	<.010	<.016	--	.08	<.006	E.002	.005	--
24...	1400	20.0	20	5.36	1.73	E.008	E.015	--	.11	<.006	E.003	.004	--
24...	1415	30.0	20	5.29	1.70	.020	.032	--	.12	<.006	E.003	E.004	--
24...	1430	39.0	21	5.38	1.74	.023	.044	--	.15	<.006	E.003	E.004	--
JUN													
14...	1330	2.0	20	5.41	1.66	<.010	<.016	--	.08	<.006	<.004	.006	--
14...	1345	20.0	21	5.37	1.73	<.010	.021	--	.09	<.006	E.002	.004	--
14...	1400	14.0	--	--	--	--	--	--	--	--	--	--	--
14...	1415	30.0	21	5.47	1.76	<.010	.044	--	.11	<.006	E.002	.005	--
14...	1430	39.0	21	5.54	1.78	<.010	.051	--	.15	<.006	E.003	.006	--
JUL													
20...	1130	2.0	20	5.45	1.60	<.010	<.016	--	.11	<.006	<.004	.005	--
20...	1145	20.0	21	5.53	1.68	<.010	E.015	--	.11	<.006	<.004	.006	--
20...	1200	14.0	--	--	--	--	--	--	--	--	--	--	--
20...	1215	30.0	20	5.37	1.71	<.010	.051	--	.12	<.006	<.004	.004	--
20...	1230	39.0	21	5.44	1.72	E.005	.068	--	.14	<.006	E.003	.005	--
SEP													
01...	1145	2.0	21	5.70	1.61	<.010	<.016	--	.07	<.006	<.004	.004	--
01...	1155	13.0	--	--	--	--	--	--	--	--	--	--	--
01...	1215	20.0	21	5.74	1.72	<.010	E.012	--	.09	<.006	<.004	.006	--
01...	1230	30.0	21	5.68	1.71	<.010	.056	--	.12	<.006	<.004	.004	--
01...	1245	40.0	21	5.74	1.72	<.010	.087	--	.16	<.006	E.003	.006	--
07...	1430	42.0	20	5.41	1.57	E.005	.083	.069	.28	<.006	.007	.035	.553

Date	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd water, fltrd, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a plank- ton, fluoro, ug/L (70953)	Arsenic water, fltrd, ug/L (01000)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Iron, water, fltrd, ug/L (01046)	Iron, water, recovery, unfltrd ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, recovery, unfltrd ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)
OCT													
20...	--	--	--	2.04	.38	--	.17	.20	<6	8	E.04	.4	.3
20...	--	--	--	--	--	--	.28	.30	<6	10	E.05	.4	.4
20...	--	--	--	--	--	--	.29	.30	E4	11	E.06	.4	.5
20...	--	--	--	--	--	<1.9	.25	.24	<6	12	E.07	.5	.6
DEC													
02...	--	--	--	.46	.79	--	.22	.24	<6	13	E.05	.5	E.2
02...	--	--	--	--	--	--	.21	.21	<6	13	E.05	.5	E.2
02...	--	--	--	--	--	--	.22	.21	<6	13	E.04	.5	E.1
02...	--	--	--	--	--	<1.9	.23	.23	<6	13	E.04	.5	E.2
JAN													
25...	--	--	--	.27	1.32	--	.24	.26	E5	29	.15	1.3	E.1
25...	--	--	--	--	--	--	.21	.24	<6	23	E.07	1.1	.6
25...	--	--	--	--	--	--	.23	.24	<6	22	E.08	1.1	.7
25...	--	--	--	--	--	<1.9	.23	.26	<6	21	.09	1.1	.6
APR													
06...	--	--	--	.37	2.29	--	.22	.24	13	19	.14	.4	E.2
06...	--	--	--	--	--	--	.22	.23	8	19	.14	.4	E.2
06...	--	--	--	--	--	--	.21	.23	E6	22	.13	.5	E.1
06...	--	--	--	--	--	<1.9	.20	.26	7	23	.12	.5	E.2
MAY													
24...	--	--	--	.91	1.67	--	.21	.24	12	40	.29	1.1	.6
24...	--	--	--	--	--	--	.22	.23	6	24	.11	.7	E.1
24...	--	--	--	--	--	--	.23	.23	8	22	.15	.6	E.1
24...	--	--	--	--	--	<1.9	.22	.24	11	30	.21	.6	.3
JUN													
14...	--	--	--	.86	1.53	--	.21	.23	E5	24	.11	.6	.3
14...	--	--	--	--	--	--	.22	.24	7	24	.13	.7	E.2
14...	--	--	--	1.61	2.33	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	.23	.25	8	27	.18	.6	E.2
14...	--	--	--	--	--	<1.9	.24	.24	10	27	.18	.7	.2
JUL													
20...	--	--	--	.53	1.14	--	.19	.21	<6	15	.09	.3	.6
20...	--	--	--	--	--	--	.23	.26	8	22	.11	.5	E.2
20...	--	--	--	.17	.67	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	.25	.24	E4	24	.12	.6	.3
20...	--	--	--	--	--	<1.9	.26	.26	6	32	.14	.9	1.1
SEP													
01...	--	--	--	.28	.84	--	.16	.20	<6	9	E.04	.3	.5
01...	--	--	--	.42	1.17	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	.22	.24	E4	15	E.06	.4	.3
01...	--	--	--	--	--	--	.24	.23	E4	16	E.07	.3	.3
01...	--	--	--	--	--	.4	.26	.28	8	17	E.06	.4	.9
07...	<.12	.553	1.4	--	--	.4	.37	.94	31	749	3.19	48.7	90.3

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473900116453000 COEUR D ALENE LAKE 1.3 MI SE OF TUBBS HILL NR COEUR D ALENE--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)
OCT			
20...	3.0	45.7	47.3
20...	4.8	85.2	82.9
20...	5.7	87.8	84.7
20...	5.0	78.7	74.8
DEC			
02...	3.6	55.9	59.3
02...	3.7	61.8	60.7
02...	3.8	60.4	60.4
02...	3.7	56.2	59.9
JAN			
25...	3.8	61.4	64.9
25...	4.0	56.6	63.8
25...	4.0	58.4	63.7
25...	4.0	59.9	65.6
APR			
06...	1.5	66.3	62.8
06...	1.4	66.8	66.4
06...	1.6	66.9	65.0
06...	1.7	65.9	65.1
MAY			
24...	5.6	46.3	52.3
24...	2.2	60.8	61.1
24...	1.4	64.1	63.3
24...	1.4	65.9	66.3
JUN			
14...	2.9	38.0	45.1
14...	2.0	54.8	60.6
14...	--	--	--
14...	1.7	58.1	61.4
14...	1.8	59.6	63.3
JUL			
20...	1.9	46.7	42.8
20...	2.1	68.6	60.8
20...	--	--	--
20...	2.0	69.5	62.2
20...	4.5	70.6	64.6
SEP			
01...	2.2	42.4	42.8
01...	--	--	--
01...	2.7	61.6	63.8
01...	1.9	63.8	65.9
01...	4.1	74.4	73.0
07...	312	--	127

Note: Sampling depths of 2 meters denote a depth-integrated sample of the euphotic zone.

< Less than  
E Estimated

Date	Time	DepthTo bottom at sample locati- on, feet (81903)	Temper- ature, air, deg C (00020)	Inci- dent light intnsty 400- 700 nm, uE/m2/s (00200)	Light attenu- ation coeffi- cient, alpha/m (70971)	Depth to 1% of surface light, meters (85328)	Trans- parency Secchi disc, meters (00078)
OCT							
20...	1345	128.0	17.0	520	.22	18	9.60
DEC							
02...	1100	131.0	3.0	81.0	.26	14	6.30
JAN							
25...	1100	123.0	6.5	550	.33	14	7.10
APR							
06...	1300	128.0	14.0	540	.33	13	4.50
MAY							
24...	1245	131.0	20.5	2100	.35	13	4.50
JUN							
14...	1300	130.0	17.0	420	.29	14	4.60
JUL							
20...	1100	132.0	27.0	1530	.27	17	10.3
SEP							
01...	1115	135.0	22.0	1200	.25	18	10.0



## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473900116453000 COEUR D ALENE LAKE 1.3 MI SE OF TUBBS HILL NR COEUR D ALENE--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
OCT							
20...	1350	.50	14.1	49	8.8	94	698
20...	1351	1.0	14.0	49	8.7	92	698
20...	1352	3.0	13.9	49	8.7	92	698
20...	1353	5.0	13.9	49	8.7	92	698
20...	1354	7.0	13.9	49	8.7	92	698
20...	1355	9.0	13.8	49	8.6	91	698
20...	1356	11.0	13.8	49	8.7	92	698
20...	1357	13.0	13.8	49	8.6	91	698
20...	1358	15.0	13.3	49	8.4	88	698
20...	1359	17.0	11.0	50	7.4	73	698
20...	1400	20.0	7.6	50	7.2	66	698
20...	1401	25.0	7.1	50	7.0	63	698
20...	1402	30.0	6.8	50	7.1	64	698
20...	1403	35.0	6.8	50	7.0	63	698
20...	1404	38.0	6.7	50	6.4	57	698
DEC							
02...	1105	1.0	7.8	50	10.1	90	717
02...	1106	3.0	7.7	50	9.6	86	717
02...	1107	5.0	7.7	50	9.4	84	717
02...	1108	7.0	7.7	49	9.4	84	717
02...	1109	9.0	7.7	49	9.4	84	717
02...	1110	11.0	7.7	49	9.4	84	717
02...	1111	13.0	7.7	49	9.4	84	717
02...	1112	15.0	7.7	49	9.4	84	717
02...	1113	20.0	7.7	48	9.3	83	717
02...	1114	25.0	7.7	48	9.3	83	717
02...	1115	30.0	7.7	48	9.3	83	717
02...	1116	35.0	7.7	48	9.3	83	717
02...	1117	39.0	7.7	47	8.9	79	717
JAN							
25...	1105	1.0	3.5	51	10.1	81	714
25...	1106	3.0	3.5	50	9.9	80	714
25...	1107	5.0	3.6	51	9.8	79	714
25...	1108	7.0	3.6	51	9.8	79	714
25...	1109	9.0	3.6	51	9.7	78	714
25...	1110	11.0	3.6	50	9.7	78	714
25...	1111	13.0	3.7	50	9.6	78	714
25...	1112	15.0	3.7	50	9.6	78	714
25...	1113	17.0	3.7	50	9.6	78	714
25...	1114	20.0	3.7	50	9.6	78	714
25...	1115	25.0	3.8	49	9.5	77	714
25...	1116	30.0	3.8	49	9.5	77	714
25...	1117	35.0	3.8	49	9.5	77	714
25...	1118	38.0	3.8	49	8.6	70	714
APR							
06...	1305	1.0	4.8	55	13.7	115	709
06...	1306	3.0	4.6	55	12.9	107	709
06...	1307	5.0	4.4	55	12.8	106	709
06...	1308	7.0	4.4	55	12.8	106	709
06...	1309	9.0	4.4	55	12.4	103	709
06...	1310	11.0	4.4	55	12.4	103	709
06...	1311	13.0	4.4	54	12.4	103	709
06...	1312	15.0	4.4	54	12.3	102	709
06...	1313	17.0	4.4	54	12.2	101	709
06...	1314	20.0	4.3	54	12.2	101	709
06...	1315	25.0	4.3	54	12.2	101	709
06...	1316	30.0	4.3	53	12.1	100	709
06...	1317	35.0	4.3	53	12.1	100	709
06...	1318	38.0	4.3	53	12.1	100	709
MAY							
24...	1250	1.0	13.8	50	10.1	105	712
24...	1251	3.0	13.3	50	10.1	103	712
24...	1252	5.0	13.1	50	10.3	105	712
24...	1253	7.0	12.9	50	10.2	103	712
24...	1254	9.0	12.9	50	10.1	102	712
24...	1255	11.0	12.9	50	10.1	102	712
24...	1256	15.0	11.7	50	10.3	102	712
24...	1257	20.0	7.3	51	11.2	100	712
24...	1258	25.0	5.9	51	11.2	96	712
24...	1259	30.0	5.6	51	11.2	95	712
24...	1300	35.0	5.2	51	10.9	92	712
24...	1301	39.5	5.2	51	10.3	87	712

## ANALYSES OF SAMPLES COLLECTED AT COEUR D'ALENE LAKE SITES

473900116453000 COEUR D ALENE LAKE 1.3 MI SE OF TUBBS HILL NR COEUR D ALENE--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sam- pling depth, meters (00098)	Temper- ature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Baro- metric pres- sure, mm Hg (00025)
JUN							
14...	1305	1.0	14.8	52	9.5	101	705
14...	1306	3.0	14.8	51	9.5	101	705
14...	1307	5.0	14.8	51	9.4	100	705
14...	1308	7.0	14.8	51	9.3	99	705
14...	1309	9.0	14.8	51	9.3	99	705
14...	1310	11.0	14.6	51	9.2	98	705
14...	1311	13.0	13.8	51	9.3	97	705
14...	1312	15.0	7.4	53	10.0	90	705
14...	1313	20.0	6.1	53	10.1	88	705
14...	1314	25.0	5.6	53	10.0	86	705
14...	1315	30.0	5.5	53	10.0	86	705
14...	1316	35.0	5.5	53	9.9	85	705
14...	1317	39.0	5.4	53	9.1	78	705
JUL							
20...	1105	1.0	21.7	48	8.5	105	706
20...	1106	3.0	21.5	48	8.3	102	706
20...	1107	5.0	21.3	48	8.3	101	706
20...	1108	7.0	21.3	48	8.2	100	706
20...	1109	9.0	21.2	48	8.2	100	706
20...	1110	11.0	19.3	48	8.5	100	706
20...	1111	13.0	12.3	47	10.0	101	706
20...	1112	15.0	10.8	47	10.0	97	706
20...	1113	20.0	6.7	48	9.6	85	706
20...	1114	25.0	6.1	49	9.5	83	706
20...	1115	30.0	5.8	49	9.4	81	706
20...	1116	35.0	5.6	48	9.4	81	706
20...	1117	39.0	5.5	49	8.7	75	706
SEP							
01...	1120	1.0	20.0	51	8.4	99	709
01...	1121	3.0	19.9	51	8.1	96	709
01...	1122	5.0	19.9	51	8.2	97	709
01...	1123	7.0	19.9	51	8.0	95	709
01...	1124	9.0	19.9	51	8.1	96	709
01...	1125	11.0	19.8	51	8.1	96	709
01...	1126	13.0	17.6	50	8.6	97	709
01...	1127	15.0	10.3	50	9.2	88	709
01...	1128	17.0	8.7	50	9.0	83	709
01...	1129	20.0	7.1	50	8.9	79	709
01...	1130	25.0	6.2	50	8.6	75	709
01...	1131	30.0	5.9	50	8.6	74	709
01...	1132	35.0	5.7	50	8.3	71	709
01...	1133	40.0	5.6	50	7.8	67	709