Appendix A – Duplicate Comparison

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SLB				
	Sample No.	1/24/2011	1/24/2011				
	Collect Date/Time	CAK-069-20110124	CAK-SLB-20110124	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.4	0.44	0.42	0.04	9.5	
Color	Color Unit	35	35	35	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.21	0.3	0.255	0.09	35.3	Yes
Nitrate as N	mg/L	0.28	0.28	0.28	0	0.0	
Hardness, Total	mg/L	113	112	112.5	1	0.9	
Chloride	mg/L	6.8	6.8	6.8	0	0.0	
Sulfate	mg/L	69.1	69.3	69.2	0.2	0.3	
Total Dissolved Solids	mg/L	189	156	172.5	33	19.1	
Total Recoverable Aluminum	ug/L	46	45.5	45.75	0.5	1.1	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	71.3	72.4	71.85	1.1	1.5	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	5.6	5.7	5.65	0.1	1.8	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	40	43.6	41.8	3.6	8.6	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.069	0.069	0.069	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	67.6	69.6	68.6	2	2.9	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	6.7	6	6.35	0.7	11.0	
Mercury Dissolved	ug/L	0.0032	0.0014	0.0023	0.0018	78.3	Yes

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH105				
	Sample No.	1/25/2011	1/25/2011				
	Collect Date/Time	CAK-069-20110125	CAK-SH105-20110125	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.81	1.21	1.01	0.4	39.6	Yes
Color	Color Unit	20	20	20	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.15	0.15	0.15	0	0.0	
Hardness, Total	mg/L	44.4	43.6	44	0.8	1.8	
Chloride	mg/L	9.7	9.8	9.75	0.1	1.0	
Sulfate	mg/L	13.6	13.2	13.4	0.4	3.0	
Total Dissolved Solids	mg/L	84	97	90.5	13	14.4	
Total Recoverable Aluminum	ug/L	60.9	60.2	60.55	0.7	1.2	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.4	1.5	1.45	0.1	6.9	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	10.7	10.3	10.5	0.4	3.8	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.7	2.6	0.2	7.7	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	39.7	38.1	38.9	1.6	4.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.3	1.3	1.3	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	6.9	7	6.95	0.1	1.4	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.6	3.5	3.05	0.9	29.5	Yes
Mercury Dissolved	ug/L	0.0016	0.0017	0.00165	1E-04	6.1	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS4				
	Sample No.	1/26/2011	1/26/2011				
	Collect Date/Time	CAK-069-20110126	CAK-JS4-20110126	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	1.66	1.63	1.645	0.03	1.8	
Color	Color Unit	20	25	22.5	5	22.2	Yes
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.28	0.28	0.28	0	0.0	
Hardness, Total	mg/L	40.4	40.2	40.3	0.2	0.5	
Chloride	mg/L	2.6	2.6	2.6	0	0.0	
Sulfate	mg/L	9.08	9.06	9.07	0.02	0.2	
Total Dissolved Solids	mg/L	41	45	43	4	9.3	
Total Recoverable Aluminum	ug/L	81.1	81.3	81.2	0.2	0.2	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	2	2.1	2.05	0.1	4.9	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	19.1	19.3	19.2	0.2	1.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.9	2.9	2.9	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	49.2	43.5	46.35	5.7	12.3	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.5	1.5	1.5	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	13.3	12.4	12.85	0.9	7.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.6	3.4	3	0.8	26.7	Yes
Mercury Dissolved	ug/L	0.0018	0.0019	0.00185	0.0001	5.4	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	MLA				
	Sample No.	2/21/2011	2/21/2011				
	Collect Date/Time	CAK-069-20110221	CAK-MLA-20110221	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	1.04	0.37	0.705	0.67	95.0	Yes
Color	Color Unit	60	60	60	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.1	0.1	0.1	0	0.0	
Hardness, Total	mg/L	45.8	45.4	45.6	0.4	0.9	
Chloride	mg/L	1.7	1.7	1.7	0	0.0	
Sulfate	mg/L	2.3	2.35	2.325	0.05	2.2	
Total Dissolved Solids	mg/L	83	87	85	4	4.7	
Total Recoverable Aluminum	ug/L	71.3	70.1	70.7	1.2	1.7	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	16.7	17	16.85	0.3	1.8	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	64.3	64.7	64.5	0.4	0.6	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.131	0.111	0.121	0.02	16.5	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	15.3	15.3	15.3	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.8	2.5	2.65	0.3	11.3	
Mercury Dissolved	ug/L	0.0015	0.0017	0.0016	0.0002	12.5	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH105				
	Sample No.	2/22/2011	2/22/2011				
	Collect Date/Time	CAK-069-201102222	CAK-SH105-20110222	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.13	0.27	0.2	0.14	70.0	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0.	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.809	0.799	0.804	0.01	1.2	
Hardness, Total	mg/L	86.9	85.2	86.05	1.7	2.0	
Chloride	mg/L	7.6	7.6	7.6	0	0.0	
Sulfate	mg/L	32.7	33.4	33.05	0.7	2.1	
Total Dissolved Solids	mg/L	97	116	106.5	19	17.8	
Total Recoverable Aluminum	ug/L	10.8	11.3	11.05	0.5	4.5	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	5.5	5.8	5.65	0.3	5.3	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	11.2	9.5	10.35	1.7	16.4	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	5.7	5.5	5.6	0.2	3.6	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.6	2.8	2.7	0.2	7.4	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS5				
	Sample No.	2/24/2011	2/24/2011				
	Collect Date/Time	CAK-069-201102224	CAK-JS5-20110224	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.14	0.12	0.13	0.02	15.4	
Color	Color Unit	5	10	7.5	5	66.7	Yes
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.388	0.383	0.3855	0.005	1.3	
Hardness, Total	mg/L	45.2	45.2	45.2	0	0.0	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	7.71	7.67	7.69	0.04	0.5	
Total Dissolved Solids	mg/L	40	54	47	14	29.8	Yes
Total Recoverable Aluminum	ug/L	6.3	5.9	6.1	0.4	6.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.8	1.8	1.8	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	4	4.7	4.35	0.7	16.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.4	1.6	1.5	0.2	13.3	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SLC				
	Sample No.	3/9/2011	3/9/2011				
	Collect Date/Time	CAK-SLC-20110309d	CAK-SLC-20110309	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.17	0.18	0.175	0.01	5.7	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.55	0.55	0.55	0	0.0	
Nitrate as N	mg/L	0.772	0.77	0.771	0.002	0.3	
Hardness, Total	mg/L	200	202	201	2	1.0	
Chloride	mg/L	8.4	8	8.2	0.4	4.9	
Sulfate	mg/L	144	145	144.5	1	0.7	
Total Dissolved Solids	mg/L	277	304	290.5	27	9.3	
Total Recoverable Aluminum	ug/L	10.9	11.3	11.1	0.4	3.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	93.6	96	94.8	2.4	2.5	
Total Recoverable Nickel	ug/L	1.1	1.2	1.15	0.1	8.7	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	3.3	3.4	3.35	0.1	3.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	9.7	10.3	10	0.6	6.0	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	94.8	94.2	94.5	0.6	0.6	
Dissolved Nickel	ug/L	1.2	1.2	1.2	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	3.2	6.2	4.7	3	63.8	Yes
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH113				
	Sample No.	3/13/2011	3/13/2011				
	Collect Date/Time	CAK-SH113-20110313d	CAK-SH113-20110313	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.3	0.48	0.39	0.18	46.2	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.54	0.55	0.545	0.01	1.8	
Nitrate as N	mg/L	1.13	1.2	1.165	0.07	6.0	
Hardness, Total	mg/L	140	139	139.5	1	0.7	
Chloride	mg/L	14.6	15	14.8	0.4	2.7	
Sulfate	mg/L	57.2	59.8	58.5	2.6	4.4	
Total Dissolved Solids	mg/L	30	112	71	82	115.5	Yes
Total Recoverable Aluminum	ug/L	6.4	6	6.2	0.4	6.5	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.1	1	1.05	0.1	9.5	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	144	139	141.5	5	3.5	
Total Recoverable Nickel	ug/L	1.2	1.5	1.35	0.3	22.2	Yes
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	3.5	3.5	3.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	4.6	5	4.8	0.4	8.3	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	143	143	143	0	0.0	
Dissolved Nickel	ug/L	1.3	1.4	1.35	0.1	7.4	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	9.8	4.9	7.35	4.9	66.7	Yes
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS2				
	Sample No.	3/17/2011	3/17/2011				
	Collect Date/Time	CAK-JS2-20110317d	CAK-JS2-20110317	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.12	0.15	0.135	0.03	22.2	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.224	0.226	0.225	0.002	0.9	
Hardness, Total	mg/L	18	17.8	17.9	0.2	1.1	
Chloride	mg/L	1.2	1.2	1.2	0	0.0	
Sulfate	mg/L	2.21	2.22	2.215	0.01	0.5	
Total Dissolved Solids	mg/L	17	21	19	4	21.1	Yes
Total Recoverable Aluminum	ug/L	1.6	2	1.8	0.4	22.2	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.5	2.6	2.55	0.1	3.9	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	1.4	2.3	1.85	0.9	48.6	Yes
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	N/A	N/A				

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SLC				
	Sample No.	4/13/2011	4/13/2011				
	Collect Date/Time	CAK-SLC-20110413d	CAK-SLC-20110413	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.19	0.21	0.2	0.02	10.0	
Color	Color Unit	20	20	20	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.18	0.19	0.185	0.01	5.4	
Nitrate as N	mg/L	0.294	0.292	0.293	0.002	0.7	
Hardness, Total	mg/L	91.1	97.7	94.4	6.6	7.0	
Chloride	mg/L	8.8	8.8	8.8	0	0.0	
Sulfate	mg/L	49.9	52.6	51.25	2.7	5.3	
Total Dissolved Solids	mg/L	146	138	142	8	5.6	
Total Recoverable Aluminum	ug/L	31.2	31.2	31.2	0	0.0	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	29.7	29.8	29.75	0.1	0.3	
Total Recoverable Nickel	ug/L	1.5	1.2	1.35	0.3	22.2	Yes
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	4	4	4	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	28.2	28.5	28.35	0.3	1.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	29.1	29	29.05	0.1	0.3	
Dissolved Nickel	ug/L	1.3	1.3	1.3	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	3.5	4.4	3.95	0.9	22.8	Yes
Mercury Dissolved	ug/L	0.0016	0.0012	0.0014	0.0004	28.6	Yes

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH109				
	Sample No.	4/4/2011	4/4/2011				
	Collect Date/Time	CAK-069-20110404	CAK-SH109-20110404	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.16	0.19	0.175	0.03	17.1	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.279	0.282	0.2805	0.003	1.1	
Hardness, Total	mg/L	43.5	42.3	42.9	1.2	2.8	
Chloride	mg/L	4.3	4.4	4.35	0.1	2.3	
Sulfate	mg/L	8.52	8.82	8.67	0.3	3.5	
Total Dissolved Solids	mg/L	74	98	86	24	27.9	Yes
Total Recoverable Aluminum	ug/L	10.8	10.7	10.75	0.1	0.9	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.4	1.4	1.4	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	9.5	8.3	8.9	1.2	13.5	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.3	1.3	1.3	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH109				
	Sample No.	5/5/2011	5/5/2011				
	Collect Date/Time	CAK-069-20110505	CAK-SH109-20110505	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.65	0.54	0.595	0.11	18.5	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.224	0.223	0.2235	0.001	0.4	
Hardness, Total	mg/L	31.6	33.9	32.75	2.3	7.0	
Chloride	mg/L	2.3	2.3	2.3	0	0.0	
Sulfate	mg/L	4.78	4.79	4.785	0.01	0.2	
Total Dissolved Solids	mg/L	25	34	29.5	9	30.5	Yes
Total Recoverable Aluminum	ug/L	20.9	20.7	20.8	0.2	1.0	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.3	1.3	1.3	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.4	1.4	1.4	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	13.1	13	13.05	0.1	0.8	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.1	1.1	1.1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1	1	1	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS4				
	Sample No.	5/16/2011	5/16/2011				
	Collect Date/Time	CAK-069-20110516	CAK-JS4-20110516	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.52	0.3	0.41	0.22	53.7	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.29	0.288	0.289	0.002	0.7	
Hardness, Total	mg/L	28.7	28.5	28.6	0.2	0.7	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	4.38	4.38	4.38	0	0.0	
Total Dissolved Solids	mg/L	48	53	50.5	5	9.9	
Total Recoverable Aluminum	ug/L	18.7	18.6	18.65	0.1	0.5	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	3.1	3.1	3.1	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	8.6	8	8.3	0.6	7.2	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.1	1	1.05	0.1	9.5	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	MLA				
	Sample No.	5/19/2011	5/19/2011				
	Collect Date/Time	CAK-069-20110519	CAK-MLA-20110519	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.49	0.31	0.4	0.18	45.0	Yes
Color	Color Unit	30	30	30	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.061	0.055	0.058	0.006	10.3	
Hardness, Total	mg/L	55	54.9	54.95	0.1	0.2	
Chloride	mg/L	2.1	2.1	2.1	0	0.0	
Sulfate	mg/L	2.62	2.66	2.64	0.04	1.5	
Total Dissolved Solids	mg/L	82	60	71	22	31.0	Yes
Total Recoverable Aluminum	ug/L	39.4	38.4	38.9	1	2.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	15.7	15.2	15.45	0.5	3.2	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	35	35.7	35.35	0.7	2.0	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.062	0.06	0.061	0.002	3.3	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	14.1	14.3	14.2	0.2	1.4	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.0011	0.00105	0.0001	9.5	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH105				
	Sample No.	6/6/2011	6/6/2011				
	Collect Date/Time	CAK-069-20110606	CAK-SH105-20110606	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.33	0.4	0.365	0.07	19.2	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.195	0.201	0.198	0.006	3.0	
Hardness, Total	mg/L	36.2	36.3	36.25	0.1	0.3	
Chloride	mg/L	2.9	2.9	2.9	0	0.0	
Sulfate	mg/L	9.17	9.43	9.3	0.26	2.8	
Total Dissolved Solids	mg/L	58	55	56.5	3	5.3	
Total Recoverable Aluminum	ug/L	15.2	14.1	14.65	1.1	7.5	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	3.9	3.8	3.85	0.1	2.6	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	8.4	8.7	8.55	0.3	3.5	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.9	3.1	3	0.2	6.7	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	3.2	2.6	2.9	0.6	20.7	Yes
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS4				
	Sample No.	6/7/2011	6/7/2011				
	Collect Date/Time	CAK-069-20110607	CAK-JS4-20110607	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.52	0.3	0.41	0.22	53.7	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.105	0.114	0.1095	0.009	8.2	
Hardness, Total	mg/L	27	27.2	27.1	0.2	0.7	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	3.12	3.13	3.125	0.01	0.3	
Total Dissolved Solids	mg/L	59	47	53	12	22.6	Yes
Total Recoverable Aluminum	ug/L	14.2	13.7	13.95	0.5	3.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.1	2.1	2.1	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	5.8	5.6	5.7	0.2	3.5	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1	1	1	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SLC				
	Sample No.	6/8/2011	6/8/2011				
	Collect Date/Time	CAK-069-20110608	CAK-SLC-20110608	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.36	0.33	0.345	0.03	8.7	
Color	Color Unit	10	10	10	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.22	0.24	0.23	0.02	8.7	
Nitrate as N	mg/L	0.392	0.391	0.3915	0.001	0.3	
Hardness, Total	mg/L	117	115	116	2	1.7	
Chloride	mg/L	5.5	5.5	5.5	0	0.0	
Sulfate	mg/L	61.6	62.2	61.9	0.6	1.0	
Total Dissolved Solids	mg/L	150	156	153	6	3.9	
Total Recoverable Aluminum	ug/L	22.7	22.6	22.65	0.1	0.4	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	4.8	5	4.9	0.2	4.1	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	20.2	21.3	20.75	1.1	5.3	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.4	2.5	2.45	0.1	4.1	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	3.2	2.5	2.85	0.7	24.6	Yes
Mercury Dissolved	ug/L	0.0013	0.001	0.00115	0.0003	26.1	Yes

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH109				
	Sample No.	7/19/2011	7/19/2011				
	Collect Date/Time	CAK-069-20110719	CAK-SH109-20110719	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.27	0.16	0.215	0.11	51.2	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.05	0.05	0.05	0	0.0	
Hardness, Total	mg/L	43.3	43.8	43.55	0.5	1.1	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	6.73	7.37	7.05	0.64	9.1	
Total Dissolved Solids	mg/L	35	35	35	0	0.0	
Total Recoverable Aluminum	ug/L	6	6.2	6.1	0.2	3.3	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1	1	1	0	0.0	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	5.1	6.3	5.7	1.2	21.1	Yes
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1	1	1	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS2				
	Sample No.	7/21/2011	7/21/2011				
	Collect Date/Time	CAK-069-20110721	CAK-JS2-20110721	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.15	0.13	0.14	0.02	14.3	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.05	0.05	0.05	0	0.0	
Hardness, Total	mg/L	12.7	12.7	12.7	0	0.0	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	1.36	1.36	1.36	0	0.0	
Total Dissolved Solids	mg/L	10	10	10	0	0.0	
Total Recoverable Aluminum	ug/L	9.4	9	9.2	0.4	4.3	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.5	1.4	1.45	0.1	6.9	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	4.1	2.8	3.45	1.3	37.7	Yes
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1	1	1	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS5				
	Sample No.	8/9/2011	8/9/2011				
	Collect Date/Time	CAK-069-20110809	CAK-JS5-20110809	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.12	0.13	0.125	0.01	8.0	
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.099	0.099	0.099	0	0.0	
Hardness, Total	mg/L	21.6	21.7	21.65	0.1	0.5	
Chloride	mg/L	1	1	1	0	0.0	
Sulfate	mg/L	3.79	3.78	3.785	0.01	0.3	
Total Dissolved Solids	mg/L	29	26	27.5	3	10.9	
Total Recoverable Aluminum	ug/L	8.1	7.3	7.7	0.8	10.4	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.3	2.4	2.35	0.1	4.3	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	3.6	3.7	3.65	0.1	2.7	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.6	1.7	1.65	0.1	6.1	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	MLA				
	Sample No.	8/24/2011	8/24/2011				
	Collect Date/Time	CAK-069-20110824	CAK-MLA-20110824	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	1.24	1.1	1.17	0.14	12.0	
Color	Color Unit	125	125	125	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.05	0.05	0.05	0	0.0	
Hardness, Total	mg/L	37.7	37.1	37.4	0.6	1.6	
Chloride	mg/L	1.5	1.4	1.45	0.1	6.9	
Sulfate	mg/L	1.89	1.87	1.88	0.02	1.1	
Total Dissolved Solids	mg/L	27	31	29	4	13.8	
Total Recoverable Aluminum	ug/L	134	131	132.5	3	2.3	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	21.9	22.2	22.05	0.3	1.4	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	123	118	120.5	5	4.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.162	0.155	0.1585	0.007	4.4	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	16.7	16.6	16.65	0.1	0.6	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0047	0.0039	0.0043	0.0008	18.6	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH105				
	Sample No.	10/18/2011	10/18/2011				
	Collect Date/Time	CAK-069-20111018	CAK-SH105-20111018	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.74	0.76	0.75	0.02	2.7	
Color	Color Unit	40	40	40	0	0.0	
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.116	0.118	0.117	0.002	1.7	
Hardness, Total	mg/L	32.6	33.2	32.9	0.6	1.8	
Chloride	mg/L	2.6	2.6	2.6	0	0.0	
Sulfate	mg/L	8.06	8.01	8.035	0.05	0.6	
Total Dissolved Solids	mg/L	24	99	61.5	75	122.0	Yes
Total Recoverable Aluminum	ug/L	83.2	85.6	84.4	2.4	2.8	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	2.1	2.2	2.15	0.1	4.7	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	9.4	9.6	9.5	0.2	2.1	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	63.6	65.2	64.4	1.6	2.5	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	2	2.1	2.05	0.1	4.9	
Dissolved Iron	mg/L	0.073	0.072	0.0725	0.001	1.4	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	6.6	6.8	6.7	0.2	3.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0025	0.0022	0.00235	0.0003	12.8	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	JS4				
	Sample No.	11/7/2011	11/7/2011				
	Collect Date/Time	CAK-069-20111107	CAK-JS4-20111107	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.48	0.42	0.45	0.06	13.3	
Color	Color Unit	20	15	17.5	5	28.6	Yes
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.352	0.353	0.3525	0.001	0.3	
Hardness, Total	mg/L	48.8	47.4	48.1	1.4	2.9	
Chloride	mg/L	1.1	1.1	1.1	0	0.0	
Sulfate	mg/L	9.72	9.6	9.66	0.12	1.2	
Total Dissolved Solids	mg/L	61	65	63	4	6.3	
Total Recoverable Aluminum	ug/L	28.7	29.3	29	0.6	2.1	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1	1	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	5.8	5.9	5.85	0.1	1.7	
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	22.9	21.7	22.3	1.2	5.4	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	4.9	5.1	5	0.2	4.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0011	0.001	0.00105	0.0001	9.5	

STREAM		Duplicate	Sample				
	Stn.Code	Blind Duplicate RW Station	SH105				
	Sample No.	12/18/2011	12/18/2011				
	Collect Date/Time	CAK-069-20111218	CAK-SH105-20111218	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.47	0.48	0.475	0.01	2.1	
Color	Color Unit	15	20	17.5	5	28.6	Yes
Total Suspended Solids	mg/L	4	4	4	0	0.0	
Ammonia as N	mg/L	0.1	0.1	0.1	0	0.0	
Nitrate as N	mg/L	0.439	0.437	0.438	0.002	0.5	
Hardness, Total	mg/L	59.9	61.4	60.65	1.5	2.5	
Chloride	mg/L	6.5	6.5	6.5	0	0.0	
Sulfate	mg/L	19	18.6	18.8	0.4	2.1	
Total Dissolved Solids	mg/L	123	110	116.5	13	11.2	
Total Recoverable Aluminum	ug/L	27.4	123	75.2	95.6	127.1	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.1	1.8	1.45	0.7	48.3	Yes
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	7.7	21.1	14.4	13.4	93.1	Yes
Total Recoverable Nickel	ug/L	1	1	1	0	0.0	
Total Recoverable Selenium	ug/L	1	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.1	0.1	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.7	2.6	0.2	7.7	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	25	23.6	24.3	1.4	5.8	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.1	1	1.05	0.1	9.5	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	7.3	7.3	7.3	0	0.0	
Dissolved Nickel	ug/L	1	1	1	0	0.0	
Dissolved Selenium	ug/L	1	1	1	0	0.0	
Dissolved Silver	ug/L	0.1	0.1	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

Appendix B – Variance Reports

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110104	001 Effluent	1/4/2011											
	Fluoride	<0.4	mg/L	57	0.15	0.0697	3.6	+---+---0---+---+ X	<0.40	<0.40	<0.2	<0.20	<0.2
	pH lab	7.22	pH	437	8.06	0.191	-4.4	X +---+---0---+---+	6.88	7.4	7.42	7.66	7.63
CAK-002EFF-20110118	002 Effluent	1/18/2011											
	Hardness Downstream of Outfall	188	mg/L	1	203	0	-	X +---+---0---+---+	233				
	Lab Turbidity	1.23	NTU	5	0.562	0.286	2.3	+---+---0---+---+ X	0.16	0.44	0.81	0.54	0.86
	Lab Turbidity 001 Background	1.68	NTU	5	0.948	0.18	4.1	+---+---0---+---+ X	0.94	0.81	0.81	1.25	0.93
	Mercury Total	<0.0010	ug/L	5	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Dissolved Solids	426	mg/L	5	470	15.9	-2.8	X +---+---0---+---+	453	484	476	484	453
	Total Recoverable Aluminum	1.9	ug/L	5	5.56	1.76	-2.1	X +---+---0---+---+	5.9	4	5.8	3.9	8.2
	Total Recoverable Zinc	2.6	ug/L	5	4.1	0.678	-2.2	X +---+---0---+---+	3.8	3.4	4.2	3.9	5.2
	Turbidity	0.28	NTU	0	1.11	0	-	+---+---0---+---+ X	NA	NA			
	Turbidity 001 Background	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA			
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA			
CAK-002EFF-20110125	002 Effluent	1/25/2011											
	Hardness Downstream of Outfall	91.5	mg/L	2	210	31.8	-3.7	X +---+---0---+---+	188	233			
	Hardness, Total	252	mg/L	6	293	9.85	-4.1	X +---+---0---+---+	297	308	294	281	293
	Mercury Total	<0.0010	ug/L	6	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Nitrate as N	0.76	mg/L	6	0.985	0.0826	-2.7	X +---+---0---+---+	1.01	1.09	1.02	0.97	0.98
	Sulfate	184	mg/L	6	245	12	-5.1	X +---+---0---+---+	231	253	256	252	251
	Total Dissolved Solids	372	mg/L	6	463	22.9	-4	X +---+---0---+---+	426	453	484	476	484
	Total Recoverable Manganese	307	ug/L	6	373	20.9	-3.1	X +---+---0---+---+	351	407	381	359	358
	Turbidity	NA	NTU	1	0.28	0	-	X +---+---0---+---+	0.28	NA	NA		
	Turbidity 001 Background	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA		
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA		
CAK-002EFF-20110126	002 Effluent	1/26/2011											
	Hardness, Total	227	mg/L	7	287	17.8	-3.4	X +---+---0---+---+	252	297	308	294	281
	Mercury Total	<0.0010	ug/L	7	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Sulfate	178	mg/L	7	237	25.6	-2.3	X +---+---0---+---+	184	231	253	256	252
	Total Dissolved Solids	369	mg/L	7	450	40.1	-2	X +---+---0---+---+	372	426	453	484	476
	Turbidity	NA	NTU	1	0.28	0	-	X +---+---0---+---+	NA	0.28	NA	NA	
	Turbidity 001 Background	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110119	001 Effluent	1/19/2011											
	Ammonia as N	1.37	mg/L	763	0.263	0.491	2.3	+---+---0---+---+ X	1.15	0.47	0.65	0.62	0.73
CAK-SLB-20110124	SLB	1/24/2011											
	Ammonia as N	0.3	mg/L	70	0.107	0.0879	2.2	+---+---0---+---+ X	0.22	<0.10	<0.10	<0.1	<0.1
	Chloride	6.8	mg/L	70	1.4	0.974	5.5	+---+---0---+---+ X	4.3	1.4	1.6	1	1
	Conductivity	276	umhos/cm	71	106	37.7	4.5	+---+---0---+---+ X	358	95.7	97.9	142	114.6
	Hardness, Total	112	mg/L	70	46.9	15.9	4.1	+---+---0---+---+ X	138	40.2	44.8	65	56.1
	Nitrate as N	0.28	mg/L	58	0.079	0.0916	2.2	+---+---0---+---+ X	0.359	<0.050	<0.050	<0.05	<0.05
	Sulfate	69.3	mg/L	70	6.96	10.4	6	+---+---0---+---+ X	85.6	2.31	2.64	3.2	3.1
	Total Dissolved Solids	156	mg/L	70	68.7	30.2	2.9	+---+---0---+---+ X	225	38	146	89	29
CAK-SLC-20110124	SLC	1/24/2011											
	Chloride	9.7	mg/L	69	1.89	0.725	11	+---+---0---+---+ X	3.3	1.8	2.05	2	1
	Conductivity	199.8	umhos/cm	70	105	30	3.2	+---+---0---+---+ X	235	117.5	114.3	152.1	109.7
	Hardness, Total	78.4	mg/L	69	46.7	11.8	2.7	+---+---0---+---+ X	87.7	48	52.7	67.4	52.2
	Sulfate	31.9	mg/L	69	5.76	5.14	5.1	+---+---0---+---+ X	42.7	4.73	5.48	6	4
CAK-MLA-20110124	MLA	1/24/2011											
	Chloride	3.4	mg/L	73	1.24	0.866	2.5	+---+---0---+---+ X	1.2	1.4	1.59	1	1
	Total Chromium	<2.5	ug/L	50	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SH109-20110125	SH109	1/25/2011											
	Chloride	2.9	mg/L	70	1.03	0.223	8.4	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1
	Dissolved Manganese	1.8	ug/L	70	1.1	0.337	2.1	+---+---0---+---+ X	1.5	1	<1.0	<1.0	<1.0
CAK-SH113-20110125	SH113	1/25/2011											
	Dissolved Selenium	<1.0	ug/L	47	1	0	-	X +---+---0---+---+	<1	<1.0	<1.0	<1.0	<1.0
	Mercury Dissolved	0.0018	ug/L	47	0.001	0.00023	3.3	+---+---0---+---+ X	<0.0010	0.0021	0.0011	<0.0010	<0.0010
CAK-SH105-20110125	SH105	1/25/2011											
	Chloride	9.8	mg/L	70	2.44	1.99	3.7	+---+---0---+---+ X	6	2.6	1.9	2.5	3
CAK-JS4-20110126	JS4	1/26/2011											
	Chloride	2.6	mg/L	66	0.983	0.239	6.8	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1
	Dissolved Aluminum	43.5	ug/L	66	13.7	10.5	2.8	+---+---0---+---+ X	10.9	52.4	16.5	21.3	5.7
	Dissolved Copper	1.5	ug/L	66	0.997	0.181	2.8	+---+---0---+---+ X	<1.0	1.5	<1.0	<1	<1.0
	Mercury Dissolved	0.0019	ug/L	60	0.001	0.00033	2.6	+---+---0---+---+ X	<0.0010	0.0023	<0.0010	0.001	<0.0010
	Total Recoverable Copper	2.1	ug/L	63	1.11	0.411	2.4	+---+---0---+---+ X	<1.0	2.7	<1.0	1.1	<1.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-JS5-20110126	**JS5**	**1/26/2011**											
	Chloride	2.3	mg/L	66	0.961	0.225	**5.9**	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1
	Dissolved Aluminum	27.5	ug/L	66	8.18	5.98	**3.2**	+---+---0---+---+ X	17.9	31.3	8.5	8	3.7
	Lab Turbidity	2.37	NTU	52	0.556	0.624	**2.9**	+---+---0---+---+ X	0.4	0.96	0.22	0.49	0.3
	Sulfate	9.6	mg/L	66	4.33	2.13	**2.5**	+---+---0---+---+ X	7.31	5.39	4.38	5.09	2.6
CAK-SH103-20110125	**SH103**	**1/25/2011**											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	**-11**	X +---+---0---+---+	N/A	12.43	11.32	N/A	N/A
	pH field	N/A	pH	65	7.38	0.264	**-28**	X +---+---0---+---+	N/A	7.5	7.53	N/A	N/A
CAK-SH111-20110125	**SH111**	**1/25/2011**											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	**-4.4**	X +---+---0---+---+	N/A	51.3	59	N/A	N/A
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	**-15**	X +---+---0---+---+	N/A	11.79	11.57	N/A	N/A
	pH field	N/A	pH	37	7.54	0.283	**-27**	X +---+---0---+---+	N/A	7.75	7.94	N/A	N/A
	Temperature	N/A	oC	37	5.08	2.39	**-2.1**	X +---+---0---+---+	N/A	4.4	4.6	N/A	N/A
CAK-002EFF-20110104	**002 Effluent**	**1/4/2011**											
	Dissolved Oxygen	NA	mg/L	5	11.4	2.75	**-4.2**	X +---+---0---+---+	13.63	6.93	12.81	10.71	13.11
	Temperature	NA	oC	5	5.3	2.33	**-2.3**	X +---+---0---+---+	4.6	5.6	2.1	5.6	8.60
CAK-002EFF-20110111	**002 Effluent**	**1/11/2011**											
	Dissolved Oxygen	NA	mg/L	5	11.4	2.75	**-4.2**	X +---+---0---+---+	NA	13.63	6.93	12.81	10.71
	Temperature	NA	oC	5	5.3	2.33	**-2.3**	X +---+---0---+---+	NA	4.6	5.6	2.1	5.6
	Turbidity	NA	NTU	0	1.11	0	-	X +---+---0---+---+	NA				
	Turbidity 001 Background	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA				
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA				

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	NA
CAK-001EFF-20110219	001 Effluent	2/19/2011											
	Ammonia as N	1.66	mg/L	768	0.267	0.493	2.8	+---+---0---+---+ X	0.79	0.72	0.85	0.86	1.37
	Total Chromium	2.9	ug/L	272	2.51	0.161	2.4	+---+---0---+---+ X	4.5	<2.5	<2.5	<2.5	<2.5
CAK-001EFF-20110217	001 Effluent	2/17/2011											
	Total Chromium	4.5	ug/L	271	2.5	0.106	19	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SMP-5-20110201	002 Effluent	2/1/2011											
	Hardness, Total	203	mg/L	8	279	26.8	-2.8	X +---+---0---+---+	227	252	297	308	294
CAK-001EFF-20110222	001 Effluent	2/22/2011											
	Total Chromium	6.7	ug/L	273	2.51	0.163	26	+---+---0---+---+ X	2.9	4.5	<2.5	<2.5	<2.5
	Total Dissolved Solids	589	mg/L	779	295	82.8	3.6	+---+---0---+---+ X	331	278	264	293	215
CAK-SH109-20110222	SH109	2/22/2011											
	Dissolved Oxygen	14.85	mg/L	80	12.4	1.24	2	+---+---0---+---+ X	14.23	13.73	12.85	12.5	11.64
CAK-SH113-20110222	SH113	2/22/2011											
	Ammonia as N	0.36	mg/L	48	0.13	0.0874	2.6	+---+---0---+---+ X	<0.10	0.55	<0.10	<0.10	0.4
	Chloride	11	mg/L	48	4.36	2.45	2.7	+---+---0---+---+ X	4.9	10.7	5	3.8	8.3
	Dissolved Chromium	2.7	ug/L	48	<2.5	0	-	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
	Dissolved Oxygen	9.74	mg/L	47	12.5	1.2	-2.3	X +---+---0---+---+	13.66	12.24	12.1	12.46	11.39
	Dissolved Selenium	<1.0	ug/L	48	1	0	-	X +---+---0---+---+	<1.0	<1	<1.0	<1.0	<1.0
	Nitrate as N	0.946	mg/L	48	0.235	0.167	4.3	+---+---0---+---+ X	0.32	0.77	0.208	0.22	0.52
	Total Dissolved Solids	206	mg/L	48	104	43.2	2.4	+---+---0---+---+ X	96	139	103	90	45
CAK-001EFF-20110214	001 Effluent	2/14/2011											
	Total Suspended Solids	14.8	mg/L	2218	4.33	1.76	5.9	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-002EFF-20110208	002 Effluent	2/8/2011											
	Mercury Total	<0.0010	ug/L	9	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Turbidity	NA	NTU	1	0.28	0	-	X +---+---0---+---+	NA	NA	NA	0.28	NA
	Turbidity 001 Background	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	NA
	TurbidityDifference	NA	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	NA
CAK-SMP-5-20110208g	SLSP-SL5	2/8/2011											
	Hardness, Total	205	mg/L	47	54.7	29	5.2	+---+---0---+---+ X	233	44.6	46.8	39.2	40.4
CAK-002EFF-20110217	002 Effluent	2/17/2011											
	Mercury Total	<0.0010	ug/L	10	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Turbidity	0.23	NTU	1	0.28	0	-	X +---+---0---+---+	NA	NA	NA	NA	0.28
	Turbidity 001 Background	0.54	NTU	0	N/A	0	-	+---+---0---+---+ X	NA	NA	NA	NA	NA
	TurbidityDifference	-0.31	NTU	0	N/A	0	-	X +---+---0---+---+	NA	NA	NA	NA	NA

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-002EFF-20110219	**002 Effluent**	**2/19/2011**											
	Dissolved Oxygen	16.16	mg/L	11	11.2	2.32	**2.2**	+---+---0---+---+ X	12.75	12.49	11.48	11.4	6.93
	Mercury Total	<0.0010	ug/L	11	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Turbidity	NA	NTU	2	0.255	0.0354	**-7.2**	X +---+---0---+---+	0.23	NA	NA	NA	NA
	Turbidity 001 Background	NA	NTU	1	0.54	0	-	X +---+---0---+---+	0.54	NA	NA	NA	NA
	TurbidityDifference	NA	NTU	1	0.31	0	-	+---+---0---+---+ X	-0.31	NA	NA	NA	NA
CAK-MLA-20110219	**MLA**	**2/19/2011**											
CAK-002EFF-20110222	**002 Effluent**	**2/22/2011**											
	Mercury Total	<0.0010	ug/L	12	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Nitrate as N	1.34	mg/L	12	1	0.158	**2.2**	+---+---0---+---+ X	1.07	1.1	1.24	1.19	0.73
	Turbidity	0.4	NTU	2	0.255	0.0354	**4.1**	+---+---0---+---+ X	NA	0.23	NA	NA	NA
	Turbidity 001 Background	0.5	NTU	1	0.54	0	-	X +---+---0---+---+	NA	0.54	NA	NA	NA
	TurbidityDifference	-0.2	NTU	1	0.31	0	-	+---+---0---+---+ X	NA	-0.31	NA	NA	NA
CAK-SLB-20110221	**SLB**	**2/21/2011**											
	Alkalinity, Total as CaCO3	66	mg/L	68	40.8	11.2	**2.3**	+---+---0---+---+ X	39.8	49	37	43.6	64
	Ammonia as N	0.61	mg/L	71	0.11	0.0902	**5.5**	+---+---0---+---+ X	0.3	0.22	<0.10	<0.10	<0.1
	Chloride	9.1	mg/L	71	1.48	1.16	**6.6**	+---+---0---+---+ X	6.8	4.3	1.4	1.6	1
	Conductivity	553	umhos/cm	72	108	42.5	**10**	+---+---0---+---+ X	276	358	95.7	97.9	142
	Dissolved Manganese	134	ug/L	71	29.1	41.6	**2.5**	+---+---0---+---+ X	69.6	55.6	14	7.9	1.7
	Hardness, Total	228	mg/L	71	47.8	17.6	**10**	+---+---0---+---+ X	112	138	40.2	44.8	65
	Nitrate as N	0.83	mg/L	59	0.082	0.0945	**7.9**	+---+---0---+---+ X	0.28	0.359	<0.050	<0.050	<0.05
	Sulfate	183	mg/L	71	7.83	12.7	**14**	+---+---0---+---+ X	69.3	85.6	2.31	2.64	3.2
	Total Dissolved Solids	402	mg/L	71	70	31.7	**10**	+---+---0---+---+ X	156	225	38	146	89
CAK-SLC-20110221	**SLC**	**2/21/2011**											
	Chloride	6.8	mg/L	70	2	1.18	**4.1**	+---+---0---+---+ X	9.7	3.3	1.8	2.05	2
	Conductivity	357	umhos/cm	71	106	31.9	**7.9**	+---+---0---+---+ X	199.8	235	117.5	114.3	152.1
	Dissolved Manganese	66.3	ug/L	70	15.3	23.4	**2.2**	+---+---0---+---+ X	31.4	25.9	5.7	3.6	<1.0
	Hardness, Total	152	mg/L	70	47.1	12.3	**8.5**	+---+---0---+---+ X	78.4	87.7	48	52.7	67.4
	Nitrate as N	0.43	mg/L	58	0.079	0.0835	**4.2**	+---+---0---+---+ X	0.13	0.171	<0.050	<0.050	<0.05
	Sulfate	93.8	mg/L	70	6.13	5.98	**15**	+---+---0---+---+ X	31.9	42.7	4.73	5.48	6
CAK-MLA-20110221	**MLA**	**2/21/2011**											
	Total Chromium	<2.5	ug/L	51	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-069-20110221	Blind Duplicate RW Station	2/21/2011											
CAK-JS2-20110224	JS2	2/24/2011											
	Alkalinity, Total as CaCO3	29.6	mg/L	64	15.5	4.3	3.3	+---+---0---+---+ X	13	14.5	12	14.4	14
CAK-JS2-20110224B	FB	2/24/2011											
	Mercury Dissolved	<0.0010	ug/L	10	0.001	0	-	+---+---0---+---+ X	<0.001	<0.0010	<0.0010	<0.001	<0.001
CAK-JS4-20110224	JS4	2/24/2011											
	Conductivity	145.4	umhos/cm	67	87.5	28.7	2	+---+---0---+---+ X	95.3	107.8	51.3	77.5	76.3
	Dissolved Oxygen	14.69	mg/L	64	12.7	0.968	2	+---+---0---+---+ X	14.1	13.7	12.56	11.83	11.68
CAK-JS5-20110224	JS5	2/24/2011											
	Dissolved Oxygen	15.01	mg/L	63	12.5	1.02	2.5	+---+---0---+---+ X	13.32	13.43	13.88	12.01	11.27
CAK-001EFF-20110226	001 Effluent	2/26/2011											
	Total Suspended Solids	62	mg/L	2230	4.34	1.77	33	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-001EFF-20110227	001 Effluent	2/27/2011											
	Total Suspended Solids	56	mg/L	2231	4.36	2.15	24	+---+---0---+---+ X	62	<4.0	<4.0	<4.0	<4.0
CAK-SH103-20110222	SH103	2/22/2011											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	-11	X +---+---0---+---+	N/A	N/A	12.43	11.32	N/A
	pH field	N/A	pH	65	7.38	0.264	-28	X +---+---0---+---+	N/A	N/A	7.5	7.53	N/A
CAK-SH105-20110222	SH105	2/22/2011											
	Chloride	7.6	mg/L	71	2.54	2.16	2.3	+---+---0---+---+ X	9.8	6	2.6	1.9	2.5
	Conductivity	208	umhos/cm	80	111	41.3	2.3	+---+---0---+---+ X	121.6	20	85.5	92.8	103.5
	Hardness, Total	85.2	mg/L	77	46.6	16.1	2.4	+---+---0---+---+ X	43.6	73.3	36.2	37.5	45.8
	Nitrate as N	0.799	mg/L	57	0.261	0.165	3.3	+---+---0---+---+ X	0.15	0.37	0.174	0.163	0.27
CAK-SH111-20110222	SH111	2/22/2011											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	-4.4	X +---+---0---+---+	N/A	N/A	51.3	59	N/A
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	-15	X +---+---0---+---+	N/A	N/A	11.79	11.57	N/A
	pH field	N/A	pH	37	7.54	0.283	-27	X +---+---0---+---+	N/A	N/A	7.75	7.94	N/A
	Temperature	N/A	oC	37	5.08	2.39	-2.1	X +---+---0---+---+	N/A	N/A	4.4	4.6	N/A

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-002EFF-20110303	002 Effluent	3/3/2011											
	Lab Turbidity	3.48	NTU	13	0.506	0.301	9.9	+---+---0---+---+ X	0.36	0.38	0.33	0.23	0.57
	Lab Turbidity Difference	3.13	NTU	13	0.303	0.289	12	+---+---0---+---+ X	0.01	0.02	-0.11	-0.21	-0.23
	Mercury Total	<0.0010	ug/L	13	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Nitrate as N	1.41	mg/L	13	1.03	0.178	2.2	+---+---0---+---+ X	1.34	1.07	1.1	1.24	1.19
	Turbidity 001 Background	NA	NTU	2	0.52	0.0283	-18	X +---+---0---+---+	0.5	NA	0.54	NA	NA
	TurbidityDifference	NA	NTU	2	0.255	0.0778	3.3	+---+---0---+---+ X	-0.2	NA	-0.31	NA	NA
CAK-001EFF-20110303	001 Effluent	3/3/2011											
	Ammonia as N	2.01	mg/L	770	0.27	0.495	3.5	+---+---0---+---+ X	1.04	1.66	0.79	0.72	0.85
	Total Chromium	3.7	ug/L	274	2.52	0.301	3.9	+---+---0---+---+ X	6.7	2.9	4.5	<2.5	<2.5
	Total Recoverable Manganese	233	ug/L	357	74.4	77.7	2	+---+---0---+---+ X	109	89.5	52.5	121	147
CAK-001EFF-20110308	001 Effluent	3/8/2011											
	Ammonia as N	1.79	mg/L	771	0.272	0.499	3	+---+---0---+---+ X	2.01	1.04	1.66	0.79	0.72
	Total Recoverable Manganese	463	ug/L	358	74.9	78	5	+---+---0---+---+ X	233	109	89.5	52.5	121
CAK-001EFF-20110322	001 Effluent	3/22/2011											
	Ammonia as N	1.3	mg/L	774	0.278	0.507	2	+---+---0---+---+ X	1.86	1.67	1.79	2.01	1.04
	Total Recoverable Manganese	251	ug/L	361	77.3	83.2	2.1	+---+---0---+---+ X	137	482	463	233	109
CAK-SH109-20110322	SH109	3/22/2011											
CAK-SH113-20110322	SH113	3/22/2011											
	Chloride	18.7	mg/L	50	4.71	2.97	4.7	+---+---0---+---+ X	15	11	4.9	10.7	5
	Dissolved Manganese	121	ug/L	51	28.1	32	2.9	+---+---0---+---+ X	143	2.3	41.4	17	93.5
	Dissolved Selenium	1	ug/L	50	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1	<1.0
	Nitrate as N	0.83	mg/L	50	0.268	0.234	2.4	+---+---0---+---+ X	1.2	0.946	0.32	0.77	0.208
	Total Recoverable Manganese	118	ug/L	51	31.1	35.4	2.5	+---+---0---+---+ X	139	2.6	45.6	18.2	98.5
	Total Recoverable Selenium	1.1	ug/L	50	1	0.0141	6.9	+---+---0---+---+ X	<1.0	<1.0	<1.0	1.1	<1.0
CAK-001EFF-20110310	001 Effluent	3/10/2011											
	Ammonia as N	1.67	mg/L	772	0.274	0.502	2.8	+---+---0---+---+ X	1.79	2.01	1.04	1.66	0.79
	Total Dissolved Solids	593	mg/L	782	295	83.4	3.6	+---+---0---+---+ X	421	322	589	331	278
	Total Recoverable Manganese	482	ug/L	359	76	80.6	5	+---+---0---+---+ X	463	233	109	89.5	52.5
CAK-001EFF-20110318	001 Effluent	3/18/2011											
	Total Suspended Solids	70	mg/L	2250	4.38	2.4	27	+---+---0---+---+ X	<4.0	<4.0	<4.0	5.2	<4.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-002EFF-20110308	**002 Effluent**	**3/8/2011**											
	Mercury Total	<0.0010	ug/L	14	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Turbidity	0.48	NTU	4	0.297	0.0723	**2.5**	+---+---0---+---+ X	0.28	0.4	NA	0.23	NA
	TurbidityDifference	0.00	NTU	2	0.255	0.0778	**3.3**	+---+---0---+---+ X	NA	-0.2	NA	-0.31	NA
CAK-002EFF-20110310	**002 Effluent**	**3/10/2011**											
	Mercury Total	<0.0010	ug/L	15	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Sulfate	309	mg/L	15	242	28.4	**2.3**	+---+---0---+---+ X	274	266	279	250	245
	Turbidity	0.55	NTU	5	0.334	0.103	**2.1**	+---+---0---+---+ X	0.48	0.28	0.4	NA	0.23
	Turbidity 001 Background	0.79	NTU	3	0.507	0.0306	**9.3**	+---+---0---+---+ X	0.48	NA	0.5	NA	0.54
CAK-002EFF-20110315	**002 Effluent**	**3/15/2011**											
	Mercury Total	<0.0010	ug/L	16	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Recoverable Nickel	4.1	ug/L	16	2.33	0.448	**4**	+---+---0---+---+ X	2.5	2.3	2.3	2.2	1.5
	Turbidity	0.63	NTU	6	0.37	0.127	**2**	+---+---0---+---+ X	0.55	0.48	0.28	0.4	NA
CAK-MLA-20110315	**MLA**	**3/15/2011**											
CAK-002EFF-20110322	**002 Effluent**	**3/22/2011**											
	Mercury Total	<0.0010	ug/L	17	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Recoverable Nickel	3.9	ug/L	17	2.43	0.611	**2.4**	+---+---0---+---+ X	4.1	2.5	2.3	2.3	2.2
CAK-002EFF-20110329	**002 Effluent**	**3/29/2011**											
	Mercury Total	<0.0010	ug/L	18	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
CAK-MLA-20110309	**MLA**	**3/9/2011**											
	Total Chromium	<2.5	ug/L	52	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
	Total Dissolved Solids	169	mg/L	75	66.5	23.6	**4.3**	+---+---0---+---+ X	87	34	90	66	66
CAK-SLB-20110309	**SLB**	**3/9/2011**											
	Alkalinity, Total as CaCO3	78	mg/L	69	41.2	11.5	**3.2**	+---+---0---+---+ X	66	39.8	49	37	43.6
	Ammonia as N	0.95	mg/L	72	0.116	0.107	**7.8**	+---+---0---+---+ X	0.61	0.3	0.22	<0.10	<0.10
	Chloride	10.9	mg/L	72	1.58	1.46	**6.4**	+---+---0---+---+ X	9.1	6.8	4.3	1.4	1.6
	Conductivity	717	umhos/cm	73	114	67	**9**	+---+---0---+---+ X	553	276	358	95.7	97.9
	Dissolved Manganese	153	ug/L	72	30.5	43.1	**2.8**	+---+---0---+---+ X	134	69.6	55.6	14	7.9
	Hardness, Total	294	mg/L	72	50.3	27.5	**8.9**	+---+---0---+---+ X	228	112	138	40.2	44.8
	Nitrate as N	1.35	mg/L	60	0.095	0.135	**9.3**	+---+---0---+---+ X	0.83	0.28	0.359	<0.050	<0.050
	Sulfate	252	mg/L	72	10.3	24.2	**10**	+---+---0---+---+ X	183	69.3	85.6	2.31	2.64
	Total Dissolved Solids	494	mg/L	72	74.6	50.2	**8.4**	+---+---0---+---+ X	402	156	225	38	146
	Total Recoverable Manganese	153	ug/L	69	44.1	51.9	**2.1**	+---+---0---+---+ X	143	72.4	60.8	21	15.4

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SLC-20110309	SLC	3/9/2011											
	Alkalinity, Total as CaCO3	71.8	mg/L	68	42	10.1	3	+---+---0---+---+ X	60.2	35	47	44	46
	Ammonia as N	0.55	mg/L	71	0.122	0.127	3.4	+---+---0---+---+ X	0.31	0.11	0.17	<0.10	<0.10
	Chloride	8	mg/L	71	2.07	1.3	4.6	+---+---0---+---+ X	6.8	9.7	3.3	1.8	2.05
	Conductivity	501	umhos/cm	72	110	43.3	9	+---+---0---+---+ X	357	199.8	235	117.5	114.3
	Dissolved Manganese	94.2	ug/L	71	16	24	3.3	+---+---0---+---+ X	66.3	31.4	25.9	5.7	3.6
	Hardness, Total	202	mg/L	71	48.6	17.5	8.8	+---+---0---+---+ X	152	78.4	87.7	48	52.7
	Nitrate as N	0.77	mg/L	59	0.085	0.0945	7.2	+---+---0---+---+ X	0.43	0.13	0.171	<0.050	<0.050
	Sulfate	145	mg/L	71	7.37	12	11	+---+---0---+---+ X	93.8	31.9	42.7	4.73	5.48
	Total Dissolved Solids	304	mg/L	71	74.4	81.3	2.8	+---+---0---+---+ X	217	129	145	68	77
	Total Recoverable Manganese	96	ug/L	68	22.1	27.8	2.7	+---+---0---+---+ X	70.7	32.8	28.1	8.7	6.8
CAK-JS5-20110317	JS5	3/17/2011											
	Chloride	2	mg/L	68	0.981	0.275	3.7	+---+---0---+---+ X	<1.0	2.3	<1.0	<1.0	<1.0
CAK-JS4-20110317	JS4	3/17/2011											
	Chloride	1.8	mg/L	68	1.01	0.306	2.6	+---+---0---+---+ X	1.1	2.6	<1.0	<1.0	<1.0
CAK-SH103-20110313	SH103	3/13/2011											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	-11	X +---+---0---+---+	N/A	N/A	N/A	12.43	11.32
	pH field	N/A	pH	65	7.38	0.264	-28	X +---+---0---+---+	N/A	N/A	N/A	7.5	7.53
CAK-SH105-20110313	SH105	3/13/2011											
	Chloride	10.2	mg/L	72	2.61	2.22	3.4	+---+---0---+---+ X	7.6	9.8	6	2.6	1.9
	Conductivity	252	umhos/cm	81	113	42.4	3.3	+---+---0---+---+ X	208	121.6	20	85.5	92.8
	Dissolved Manganese	22	ug/L	72	4.64	8.51	2	+---+---0---+---+ X	5.5	7	13.9	11.3	5.1
	Hardness, Total	102	mg/L	78	47	16.6	3.3	+---+---0---+---+ X	85.2	43.6	73.3	36.2	37.5
	Nitrate as N	1.24	mg/L	58	0.27	0.178	5.4	+---+---0---+---+ X	0.799	0.15	0.37	0.174	0.163
	Sulfate	40.1	mg/L	72	15.1	9.61	2.6	+---+---0---+---+ X	33.4	13.2	27.7	9.58	9.57
CAK-SH109-20110313	SH109	3/13/2011											
	Conductivity	NA	umhos/cm	81	93	21.1	-4.4	X +---+---0---+---+	115.6	77.5	121.6	62.8	74.6
	Total Dissolved Solids	153	mg/L	80	57.5	28.1	3.4	+---+---0---+---+ X	44	41	47	92	41
CAK-SH111-20110313	SH111	3/13/2011											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	-4.4	X +---+---0---+---+	N/A	N/A	N/A	51.3	59
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	-15	X +---+---0---+---+	N/A	N/A	N/A	11.79	11.57
	pH field	N/A	pH	37	7.54	0.283	-27	X +---+---0---+---+	N/A	N/A	N/A	7.75	7.94
	Temperature	N/A	oC	37	5.08	2.39	-2.1	X +---+---0---+---+	N/A	N/A	N/A	4.4	4.6

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SH113-20110313	SH113	3/13/2011											
	Ammonia as N	0.55	mg/L	49	0.135	0.0925	4.5	+---+---0---+---+ X	0.36	<0.10	0.55	<0.10	<0.10
	Chloride	15	mg/L	49	4.5	2.6	4	+---+---0---+---+ X	11	4.9	10.7	5	3.8
	Conductivity	335	umhos/cm	50	180	69.5	2.2	+---+---0---+---+ X	284	138.7	316.0	106.5	132.6
	Dissolved Manganese	143	ug/L	50	25.8	27.8	4.2	+---+---0---+---+ X	2.3	41.4	17	93.5	38.6
	Dissolved Selenium	<1.0	ug/L	49	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1	<1.0	<1.0
	Nitrate as N	1.2	mg/L	49	0.249	0.194	4.9	+---+---0---+---+ X	0.946	0.32	0.77	0.208	0.22
	Total Recoverable Manganese	139	ug/L	50	28.9	32.2	3.4	+---+---0---+---+ X	2.6	45.6	18.2	98.5	52.9
CAK-SMP5-20110322	SLSP-SL5	3/22/2011											
	Alkalinity, Total as CaCO3	81	mg/L	10	40.9	8.92	4.5	+---+---0---+---+ X	44	37	54	54	39
	Ammonia as N	0.93	mg/L	10	0.095	0.0158	53	+---+---0---+---+ X	<0.1	<0.1	<0.1	<0.1	<0.1
	Chloride	11.3	mg/L	10	1.2	0.422	24	+---+---0---+---+ X	1	1	1	1	1
	Color	<5.0	Color Unit	10	47	20.4	-2.1	X +---+---0---+---+	80	70	20	15	35
	Dissolved Manganese	334	ug/L	11	119	93.2	2.3	+---+---0---+---+ X	387	65.2	145	91.7	55.2
	Hardness, Total	293	mg/L	48	57.8	35.9	6.5	+---+---0---+---+ X	205	233	44.6	46.8	39.2
	Nitrate as N	1.32	mg/L	10	0.134	0.125	9.5	+---+---0---+---+ X	<0.05	<0.05	<0.05	<0.05	0.28
	Sulfate	255	mg/L	10	10.7	3.54	69	+---+---0---+---+ X	10.4	9.3	12.9	9.7	6.3
	Total Dissolved Solids	484	mg/L	10	71.1	12	34	+---+---0---+---+ X	80	82	91	75	56
	Total Recoverable Manganese	337	ug/L	36	54.4	49	5.8	+---+---0---+---+ X	53.7	51	85.5	44.6	58.3
	Total Recoverable Nickel	3.9	ug/L	36	1.33	0.586	4.4	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1.0
	Total Recoverable Selenium	<1.0	ug/L	36	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110412	**001 Effluent**	**4/12/2011**											
	Ammonia as N	1.49	mg/L	777	0.281	0.508	**2.4**	+---+---0---+---+ X	0.72	1.06	1.3	1.86	1.67
CAK-001EFF-20110414	**001 Effluent**	**4/14/2011**											
	Ammonia as N	2.12	mg/L	778	0.282	0.51	**3.6**	+---+---0---+---+ X	1.49	0.72	1.06	1.3	1.86
	Nitrate as N	3.52	mg/L	360	0.884	1.3	**2**	+---+---0---+---+ X	2.36	1.2	2.28	2.64	4.23
	Total Chromium	5.6	ug/L	282	2.53	0.305	**10**	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-001EFF-20110419	**001 Effluent**	**4/19/2011**											
	Ammonia as N	1.59	mg/L	779	0.285	0.514	**2.5**	+---+---0---+---+ X	2.12	1.49	0.72	1.06	1.3
	Lab Turbidity	12.4	NTU	291	0.943	1.13	**10**	+---+---0---+---+ X	0.26	1.08	1.5	0.33	0.19
	Lab Turbidity Difference	12.09	NTU	267	0.233	2.82	**4.2**	+---+---0---+---+ X	0.94	1.32	0.18	0.05	0.19
	Total Suspended Solids	20.8	mg/L	2281	4.41	2.76	**5.9**	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
	TurbidityDifference	13.65	NTU	279	0.478	3.03	**4.4**	+---+---0---+---+ X	0.942	1.161	0.23	NA	-0.081
CAK-002EFF-20110405	**002 Effluent**	**4/5/2011**											
	Mercury Total	<0.0010	ug/L	19	0.001	0	**-**	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Recoverable Manganese	292	ug/L	19	362	24.4	**-2.9**	X +---+---0---+---+	359	353	371	345	371
	TurbidityDifference	0.18	NTU	7	0.216	0.124	**3.2**	+---+---0---+---+ X	-0.3	-0.35	-0.11	-0.24	0.00
CAK-002EFF-20110412	**002 Effluent**	**4/12/2011**											
	Mercury Total	<0.0010	ug/L	20	0.001	0	**-**	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Recoverable Aluminum	13.4	ug/L	20	3.54	1.79	**5.5**	+---+---0---+---+ X	5.7	3.9	2.6	2.8	3.5
	Total Recoverable Manganese	297	ug/L	20	358	28.5	**-2.2**	X +---+---0---+---+	292	359	353	371	345
	Turbidity	1.03	NTU	10	0.407	0.159	**3.9**	+---+---0---+---+ X	0.62	0.4	0.20	0.63	0.55
	Turbidity 001 Background	1.12	NTU	8	0.591	0.133	**4**	+---+---0---+---+ X	0.43	0.7	0.55	0.74	0.79
CAK-002EFF-20110414	**002 Effluent**	**4/14/2011**											
	Mercury Total	<0.0010	ug/L	21	0.001	0	**-**	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Total Recoverable Manganese	117	ug/L	21	356	30.8	**-7.7**	X +---+---0---+---+	297	292	359	353	371
CAK-002EFF-20110419	**002 Effluent**	**4/19/2011**											
	Mercury Total	<0.0010	ug/L	22	0.001	0	**-**	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
CAK-SH109-20110404	**SH109**	**4/4/2011**											
	Chloride	4.4	mg/L	73	1.06	0.311	**11**	+---+---0---+---+ X	<1.0	1.3	2.9	<1.0	<1.0
CAK-SH113-20110404	**SH113**	**4/4/2011**											
	Chloride	13	mg/L	51	4.98	3.54	**2.3**	+---+---0---+---+ X	18.7	15	11	4.9	10.7
	Dissolved Selenium	<1.0	ug/L	51	1	0	**-**	X +---+---0---+---+	1	<1.0	<1.0	<1.0	<1
	Total Suspended Solids	23.2	mg/L	51	5.54	4.17	**4.2**	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SH105-20110404	SH105	4/4/2011											
	Chloride	16.7	mg/L	73	2.72	2.38	5.9	+---+---0---+---+ X	10.2	7.6	9.8	6	2.6
CAK-SLC-201103413d	SLCd	4/13/2011											
CAK-JS2-20110428	JS2	4/28/2011											
	Conductivity	64.1	umhos/cm	69	39.8	10.3	2.4	+---+---0---+---+ X	50.5	50.5	43.3	36	29.6
	Dissolved Aluminum	8.4	ug/L	69	2.99	2.51	2.2	+---+---0---+---+ X	2.3	1.3	2.7	2.6	12.2
	Dissolved Manganese	3.5	ug/L	69	1.33	0.643	3.4	+---+---0---+---+ X	2.5	1	2.5	1.3	<1.0
	Nitrate as N	0.544	mg/L	57	0.204	0.135	2.5	+---+---0---+---+ X	0.226	0.259	0.25	0.154	0.207
	Sulfate	4.8	mg/L	69	1.47	0.431	7.7	+---+---0---+---+ X	2.22	1.91	1.71	1.62	0.84
	Total Recoverable Manganese	4.2	ug/L	66	1.75	0.981	2.5	+---+---0---+---+ X	2.6	1.1	3.1	1.3	3.3
CAK-JS4-20110428	JS4	4/28/2011											
	Dissolved Zinc	13.1	ug/L	69	2.71	1.02	10	+---+---0---+---+ X	<2.5	<2.5	3.4	<2.5	4.1
	Total Recoverable Zinc	10.9	ug/L	66	3.41	1.59	4.7	+---+---0---+---+ X	<2.5	<2.5	2.9	<2.5	<2.5
CAK-002EFF-20110426	002 Effluent	4/26/2011											
	Mercury Total	0.0019	ug/L	23	0.001	0	-	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
CAK-MLA-20110413	MLA	4/13/2011											
	Chloride	3.7	mg/L	76	1.29	0.889	2.7	+---+---0---+---+ X	2	1.7	3.4	1.2	1.4
	Total Chromium	<2.5	ug/L	53	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SLB-20110413	SLB	4/13/2011											
	Chloride	7.6	mg/L	73	1.71	1.81	3.2	+---+---0---+---+ X	10.9	9.1	6.8	4.3	1.4
	Conductivity	325	umhos/cm	74	122	96.7	2.1	+---+---0---+---+ X	717	553	276	358	95.7
	Hardness, Total	133	mg/L	73	53.6	39.5	2	+---+---0---+---+ X	294	228	112	138	40.2
	Sulfate	90.3	mg/L	73	13.6	37.1	2.1	+---+---0---+---+ X	252	183	69.3	85.6	2.31
CAK-SLC-20110413	SLC	4/13/2011											
	Chloride	8.8	mg/L	72	2.15	1.47	4.5	+---+---0---+---+ X	8	6.8	9.7	3.3	1.8
	Conductivity	247	umhos/cm	73	115	62.8	2.1	+---+---0---+---+ X	501	357	199.8	235	117.5
	Sulfate	52.6	mg/L	72	9.28	20.1	2.2	+---+---0---+---+ X	145	93.8	31.9	42.7	4.73
CAK-SH103-20110404	SH103	4/4/2011											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	-11	X +---+---0---+---+	N/A	N/A	N/A	N/A	12.43
	pH field	N/A	pH	65	7.38	0.264	-28	X +---+---0---+---+	N/A	N/A	N/A	N/A	7.5
CAK-SH111-20110404	SH111	4/4/2011											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	-4.4	X +---+---0---+---+	N/A	N/A	N/A	N/A	51.3
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	-15	X +---+---0---+---+	N/A	N/A	N/A	N/A	11.79
	pH field	N/A	pH	37	7.54	0.283	-27	X +---+---0---+---+	N/A	N/A	N/A	N/A	7.75
	Temperature	N/A	oC	37	5.08	2.39	-2.1	X +---+---0---+---+	N/A	N/A	N/A	N/A	4.4

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110504	**001 Effluent**	**5/4/2011**											
	Ammonia as N	1.48	mg/L	781	0.287	0.515	**2.3**	+---+---0---+---+ X	0.8	1.59	2.12	1.49	0.72
CAK-SH109-20110505	**SH109**	**5/5/2011**											
	Chloride	2.3	mg/L	74	1.1	0.497	**2.4**	+---+---0---+---+ X	4.4	<1.0	1.3	2.9	<1.0
CAK-SH113-20110505	**SH113**	**5/5/2011**											
	Dissolved Selenium	<1.0	ug/L	52	1	0	-	X +---+---0---+---+	<1.0	1	<1.0	<1.0	<1.0
CAK-SH111-20110509	**SH111**	**5/5/2011**											
	Ammonia as N	<0.10	mg/L	37	0.1	0	-	+---+---0---+---+ X	<0.10	<0.10	<0.1	<0.1	<0.1
	Chloride	1.3	mg/L	37	1	0	-	+---+---0---+---+ X	<1	<1.0	<1	<1	<1
	Dissolved Manganese	<1.0	ug/L	37	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1
	Dissolved Nickel	<1.0	ug/L	37	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1
	Dissolved Selenium	<1.0	ug/L	37	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1
	Total Recoverable Selenium	<1.0	ug/L	37	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1
CAK-001EFF-20110510	**001 Effluent**	**5/10/2011**											
	Lab Turbidity	4.46	NTU	294	0.981	1.3	**2.7**	+---+---0---+---+ X	0.91	0.78	12.4	0.26	1.08
	TurbidityDifference	7.430	NTU	281	0.525	3.12	**2.2**	+---+---0---+---+ X	0.59	13.65	0.942	1.161	0.23
CAK-001EFF-20110509	**001 Effluent**	**5/9/2011**											
CAK-002EFF-20110510	**002 Effluent**	**5/10/2011**											
	Turbidity 001 Background	N/A	NTU	11	0.641	0.224	**-2.9**	X +---+---0---+---+	0.348	0.85	1.12	0.43	0.7
CAK-JS4-20110516	**JS4**	**5/16/2011**											
	Dissolved Oxygen	10.12	mg/L	67	12.8	0.979	**-2.7**	X +---+---0---+---+	13.16	13.38	14.69	14.1	13.7
CAK-002EFF-20110517	**002 Effluent**	**5/17/2011**											
	Temperature	10.5	oC	25	5.02	1.82	**3**	+---+---0---+---+ X	6.00	4.4	7.9	3.9	4.30
CAK-SLB-20110519	**SLB**	**5/19/2011**											
	Ammonia as N	0.48	mg/L	74	0.131	0.146	**2.4**	+---+---0---+---+ X	0.37	0.95	0.61	0.3	0.22
	Chloride	8.2	mg/L	74	1.79	1.93	**3.3**	+---+---0---+---+ X	7.6	10.9	9.1	6.8	4.3
	Conductivity	388	umhos/cm	75	125	98.8	**2.7**	+---+---0---+---+ X	325	717	553	276	358
	Dissolved Oxygen	N/A	mg/L	66	12.1	1.65	**-7.3**	X +---+---0---+---+	13.94	11.24	14	13.92	13.31
	Hardness, Total	155	mg/L	74	54.7	40.3	**2.5**	+---+---0---+---+ X	133	294	228	112	138
	Nitrate as N	0.639	mg/L	62	0.121	0.213	**2.4**	+---+---0---+---+ X	0.507	1.35	0.83	0.28	0.359
	Sulfate	109	mg/L	74	14.6	37.9	**2.5**	+---+---0---+---+ X	90.3	252	183	69.3	85.6
	Total Dissolved Solids	258	mg/L	74	81.8	70.6	**2.5**	+---+---0---+---+ X	186	494	402	156	225

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SLC-20110519	SLC	5/19/2011											
	Chloride	5.7	mg/L	73	2.24	1.65	**2.1**	+---+---0---+---+ X	8.8	8	6.8	9.7	3.3
	Dissolved Oxygen	N/A	mg/L	66	12.4	1.58	**-7.8**	X +---+---0---+---+	13.48	13.94	14.26	13.39	13.79
CAK-MLA-20110519	MLA	5/19/2011											
	Dissolved Oxygen	N/A	mg/L	64	11.1	1.66	**-6.7**	X´+---+---0---+---+	13.36	12.67	12.43	12.33	10.43
	Total Chromium	<2.5	ug/L	54	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-002EFF-20110524	002 Effluent	5/24/2011											
	Temperature	9.6	oC	26	5.23	2.09	**2.1**	+---+---0---+---+ X	10.5	6.00	4.4	7.9	3.9
CAK-SH113-20110526	SH113	5/26/2011											
	Dissolved Selenium	<1.0	ug/L	53	1	0	-	X +---+---0---+---+	<1.0	<1.0	1	<1.0	<1.0
CAK-002EFF-20110525	002 Effluent	5/25/2011											
CAK-002EFF-20110526	002 Effluent	5/26/2011											
	Temperature	11.4	oC	27	5.39	2.21	**2.7**	+---+---0---+---+ X	9.6	10.5	6.00	4.4	7.9
	Turbidity 001 Background	N/A	NTU	13	0.595	0.236	**-2.5**	X +---+---0---+---+	0.26	0.43	N/A	0.348	0.85
CAK-002EFF-20110531	002 Effluent	5/31/2011											
	Temperature	13.8	oC	28	5.61	2.45	**3.3**	+---+---0---+---+ X	11.4	9.6	10.5	6.00	4.4
CAK-001EFF-20110527	001 Effluent	5/27/2011											
	Total Suspended Solids	10	mg/L	2319	4.41	2.76	**2**	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-001EFF-20110531	001 Effluent	5/31/2011											
	Lab Turbidity	6.76	NTU	298	0.992	1.31	**4.4**	+---+---0---+---+ X	0.51	1.74	0.48	4.46	0.91
	Total Chromium	7.9	ug/L	290	2.54	0.351	**15**	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-001EFF-20110524	001 Effluent	5/24/2011											
	Total Recoverable Copper	11.2	ug/L	800	1.87	1.29	**7.2**	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1.0
	Total Recoverable Zinc	53.4	ug/L	798	4.65	3.05	**16**	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SH103-20110505	SH103	5/5/2011											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	**-11**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	pH field	N/A	pH	65	7.38	0.264	**-28**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
CAK-SH111-20110505	SH111	5/5/2011											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	**-4.4**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	**-15**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	pH field	N/A	pH	37	7.54	0.283	**-27**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	Temperature	N/A	oC	37	5.08	2.39	**-2.1**	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
CAK-SH113-20110531	SH113	5/31/2011											
	Hardness, Total	192	mg/L	298	80	39.2	**2.9**	+---+---0---+---+ X	35.5	52	53.9	66.3	48.3

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110626	001 Effluent	6/26/2011											
	Total Dissolved Solids	7.6	mg/L	1	<4.0	0	-	X +---+---0---+---+	426				
CAK-SH113-20110626	SH113	6/26/2011											
	Dissolved Selenium	<1.0	ug/L	54	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	1	<1.0
CAK-001EFF-20110628	001 Effluent	6/28/2011											
	Total Recoverable Potassium	1.68	mg/L	50	0.91	0.368	2.1	+---+---0---+---+ X	1.44	1.46	1.47	1.11	1.44
CAK-002EFF-20110607	002 Effluent	6/7/2011											
	Temperature	13.6	oC	29	5.89	2.85	2.7	+---+---0---+---+ X	13.8	11.4	9.6	10.5	6.00
	Total Recoverable Manganese	55.3	ug/L	30	333	56.9	-4.9	X +---+---0---+---+	311	332	320	281	270
CAK-002EFF-20110609	002 Effluent	6/9/2011											
	Temperature	13.9	oC	30	6.15	3.13	2.5	+---+---0---+---+ X	13.6	13.8	11.4	9.6	10.5
	Total Recoverable Manganese	35.5	ug/L	31	324	74.9	-3.9	X +---+---0---+---+	55.3	311	332	320	281
CAK-002EFF-20110614	002 Effluent	6/14/2011											
	Temperature	16.50	oC	31	6.4	3.38	3	+---+---0---+---+ X	13.9	13.6	13.8	11.4	9.6
	Turbidity 001 Background	N/A	NTU	15	0.546	0.253	-2.2	X +---+---0---+---+	0.237	0.22	N/A	0.26	0.43
CAK-002EFF-20110626	002 Effluent	6/26/2011											
	Temperature	16.8	oC	32	6.71	3.77	2.7	+---+---0---+---+ X	16.50	13.9	13.6	13.8	11.4
	Total Recoverable Manganese	126	ug/L	33	311	92	-2	X +---+---0---+---+	165	35.5	55.3	311	332
	Total Suspended Solids	5.6	mg/L	181	<4.0	0	-	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
	Turbidity 001 Background	N/A	NTU	15	0.546	0.253	-2.2	X +---+---0---+---+	N/A	0.237	0.22	N/A	0.26
CAK-002EFF-20110628	002 Effluent	6/28/2011											
	Temperature	16.8	oC	33	7.02	4.11	2.4	+---+---0---+---+ X	16.8	16.50	13.9	13.6	13.8
	Total Recoverable Manganese	106	ug/L	34	305	96	-2.1	X +---+---0---+---+	126	165	35.5	55.3	311
	Turbidity 001 Background	N/A	NTU	15	0.546	0.253	-2.2	X +---+---0---+---+	N/A	N/A	0.237	0.22	N/A
CAK-JS2-20110607	JS2	6/7/2011											
	Dissolved Oxygen	8.96	mg/L	68	12.4	1.25	-2.8	X +---+---0---+---+	12.99	13.64	13.5	14.2	12.2
CAK-JS4-20110607	JS4	6/7/2011											
	Dissolved Oxygen	9.49	mg/L	68	12.7	1.02	-3.2	X +---+---0---+---+	10.12	13.16	13.38	14.69	14.1
CAK-JS5-20110607	JS5	6/7/2011											
	Dissolved Zinc	6.7	ug/L	71	2.84	1.4	2.7	+---+---0---+---+ X	<2.5	5.4	<2.5	<2.5	2.8
CAK-SH113-20110606	SH113	6/26/2011											
	Dissolved Selenium	<1.0	ug/L	54	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	1	<1.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SLB-20110608	SLB	6/8/2011											
	Alkalinity, Total as CaCO3	74	mg/L	72	42	12.2	2.6	+---+---0---+---+ X	58.2	47	78	66	39.8
	Chloride	7	mg/L	75	1.88	2.05	2.5	+---+---0---+---+ X	8.2	7.6	10.9	9.1	6.8
	Conductivity	429	umhos/cm	76	128	103	2.9	+---+---0---+---+ X	388	325	717	553	276
	Hardness, Total	165	mg/L	75	56.1	41.6	2.6	+---+---0---+---+ X	155	133	294	228	112
	Nitrate as N	0.684	mg/L	63	0.13	0.221	2.5	+---+---0---+---+ X	0.639	0.507	1.35	0.83	0.28
	Sulfate	107	mg/L	75	15.9	39.2	2.3	+---+---0---+---+ X	109	90.3	252	183	69.3
CAK-SLC-20110608	SLC	6/8/2011											
	Alkalinity, Total as CaCO3	518	mg/L	71	42.4	10.5	45	+---+---0---+---+ X	35	46	71.8	60.2	35
	Conductivity	299	umhos/cm	75	118	63.9	2.8	+---+---0---+---+ X	158.4	247	501	357	199.8
	Hardness, Total	115	mg/L	74	51.6	25.4	2.5	+---+---0---+---+ X	68	97.7	202	152	78.4
	Nitrate as N	0.391	mg/L	62	0.1	0.129	2.2	+---+---0---+---+ X	0.163	0.292	0.77	0.43	0.13
	Sulfate	62.2	mg/L	74	10.1	20.6	2.5	+---+---0---+---+ X	29.9	52.6	145	93.8	31.9
CAK-MLA-20110608	MLA	6/8/2011											
	Total Chromium	<2.5	ug/L	55	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SH103-20110606	SH103	6/6/2011											
	Dissolved Oxygen	N/A	mg/L	63	11.5	1.07	-11	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	pH field	N/A	pH	65	7.38	0.264	-28	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
CAK-SH111-20110606	SH111	6/6/2011											
	Conductivity	N/A	umhos/cm	36	55.1	12.6	-4.4	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	Dissolved Oxygen	N/A	mg/L	37	11.9	0.792	-15	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	pH field	N/A	pH	37	7.54	0.283	-27	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A
	Temperature	N/A	oC	37	5.08	2.39	-2.1	X +---+---0---+---+	N/A	N/A	N/A	N/A	N/A

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110705	001 Effluent	7/5/2011											
	Chloride	27	mg/L	60	9.48	5.23	3.3	+---+---0---+---+ X	13	21	19	20	13
	Dissolved Oxygen	8.47	mg/L	776	11.8	1.22	-2.8	X +---+---0---+---+	10.47	10.17	10.97	11.07	10.58
	Fluoride	<0.40	mg/L	58	0.154	0.0765	3.2	+---+---0---+---+ X	<0.4	<0.40	<0.40	<0.2	<0.20
CAK-002EFF-20110705	002 Effluent	7/5/2011											
	Dissolved Oxygen	N/A	mg/L	34	10.7	2.12	-5.1	X +---+---0---+---+	6.86	9.25	8.09	7.80	7.45
CAK-001EFF-20110712	001 Effluent	7/12/2011											
	Dissolved Oxygen	9.35	mg/L	777	11.8	1.22	-2	X +---+---0---+---+	8.47	10.47	10.17	10.97	11.07
	Total Recoverable Manganese	325	ug/L	380	79	83.1	3	+---+---0---+---+ X	230	139	93.3	99	131
CAK-001EFF-20110719	001 Effluent	7/19/2011											
	Nitrate as N	4.35	mg/L	376	0.926	1.3	2.6	+---+---0---+---+ X	2.68	1.22	1.92	2.12	1.75
CAK-SH113-20110719	SH113	7/19/2011											
	Chloride	15.4	mg/L	56	5.25	3.58	2.8	+---+---0---+---+ X	5.1	6.8	9.1	5.7	13
	Dissolved Selenium	<1.0	ug/L	56	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Nitrate as N	1.36	mg/L	56	0.292	0.241	4.4	+---+---0---+---+ X	0.312	0.41	0.24	0.472	0.646
	Temperature	9.6	oC	54	3.87	2.64	2.2	+---+---0---+---+ X	6.8	3.9	3.5	2.5	2.6
CAK-002EFF-20110712	002 Effluent	7/12/2011											
	Dissolved Oxygen	6.10	mg/L	34	10.7	2.12	-2.2	X +---+---0---+---+	N/A	6.86	9.25	8.09	7.80
	Temperature	17.10	oC	35	7.53	4.52	2.1	+---+---0---+---+ X	15.3	16.8	16.8	16.50	13.9
CAK-002EFF-20110719	002 Effluent	7/19/2011											
	Total Recoverable Manganese	47.5	ug/L	37	289	107	-2.2	X +---+---0---+---+	92.8	116	106	126	165
CAK-002EFF-20110726	002 Effluent	7/26/2011											
	Alkalinity, Total as CaCO3	84	mg/L	1	69	0	-	+---+---0---+---+ X	57.5				
	Chloride	14.1	mg/L	1	16.1	0	-	+---+---0---+---+ X	13				
	Lab Conductivity	649	umhos/cm	1	700	0	-	+---+---0---+---+ X	570				
	pH lab	8.12	pH	1	7.58	0	-	+---+---0---+---+ X	7.37				
	Total Recoverable Calcium	88.4	mg/L	1	93.9	0	-	X +---+---0---+---+	91.2				
	Total Recoverable Magnesium	6.6	mg/L	1	7.13	0	-	+---+---0---+---+ X	5.74				
	Total Recoverable Manganese	42.3	ug/L	38	283	113	-2.1	X +---+---0---+---+	47.5	92.8	116	106	126
	Total Recoverable Potassium	15.7	mg/L	1	17.2	0	-	+---+---0---+---+ X	12.1				
	Total Recoverable Sodium	18.1	mg/L	1	19.7	0	-	+---+---0---+---+ X	11.6				
	Total Suspended Solids	6	mg/L	212	4.01	0.11	18	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
	Turbidity	1.11	NTU	21	0.396	0.223	3.2	+---+---0---+---+ X	0.56	0.69	N/A	N/A	N/A

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20110804	001 Effluent	8/4/2011											
	Ammonia as N	2.14	mg/L	797	0.297	0.517	3.6	+---+---0---+---+ X	1.31	<0.10	1.03	0.97	0.55
	Nitrate as N	4.62	mg/L	379	0.943	1.31	2.8	+---+---0---+---+ X	2.78	1.86	4.35	2.68	1.22
CAK-SH113-20110807	SH113	8/7/2011											
	Ammonia as N	1.12	mg/L	57	0.149	0.106	9.2	+---+---0---+---+ X	0.19	0.14	0.23	0.13	0.16
	Dissolved Oxygen	8.17	mg/L	53	12.4	1.22	-3.5	X +---+---0---+---+	10.66	11.87	11.86	12.71	13.2
	Dissolved Selenium	<1.0	ug/L	57	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Nitrate as N	1.94	mg/L	57	0.31	0.277	5.9	+---+---0---+---+ X	1.36	0.312	0.41	0.24	0.472
	Temperature	9.6	oC	55	3.98	2.73	2.1	+---+---0---+---+ X	9.6	6.8	3.9	3.5	2.5
CAK-SH105-20110807	SH105	8/7/2011											
	Ammonia as N	0.17	mg/L	84	0.097	0.0228	3.2	+---+---0---+---+ X	<0.10	<0.10	<0.10	<0.10	<0.10
CAK-SH109-20110807	SH109	8/7/2011											
	Dissolved Copper	4.7	ug/L	85	1.13	0.32	11	+---+---0---+---+ X	<1.0	<1.0	1.1	<1.0	<1.0
CAK-002EFF-20110809	002 Effluent	8/9/2011											
	Total Dissolved Solids	361	mg/L	40	449	36	-2.4	X +---+---0---+---+	480	392	407	440	482
CAK-001EFF-20110809	001 Effluent	8/9/2011											
	Ammonia as N	1.74	mg/L	798	0.3	0.521	2.8	+---+---0---+---+ X	2.14	1.31	<0.10	1.03	0.97
	Nitrate as N	4.98	mg/L	380	0.952	1.32	3	+---+---0---+---+ X	4.62	2.78	1.86	4.35	2.68
CAK-002EFF-20110808	002 Effluent	8/8/2011											
CAK-SH113-20110810	SH113	8/10/2011											
	Ammonia as N	0.66	mg/L	58	0.166	0.165	3	+---+---0---+---+ X	1.12	0.19	0.14	0.23	0.13
	Dissolved Selenium	<1.0	ug/L	58	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Nitrate as N	1.63	mg/L	58	0.339	0.348	3.7	+---+---0---+---+ X	1.94	1.36	0.312	0.41	0.24
CAK-SMP5-20110811	SLSP-SL5	8/11/2011											
	Chloride	17.5	mg/L	12	2.95	4.11	3.5	+---+---0---+---+ X	12.1	11.3	1	1	1
	Dissolved Selenium	<1.0	ug/L	13	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1	<1	<1
	Hardness, Total	236	mg/L	50	67	57.4	2.9	+---+---0---+---+ X	281	293	205	233	44.6
	Total Recoverable Selenium	<1.0	ug/L	38	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-002EFF-20110816	002 Effluent	8/16/2011											
	Lab Turbidity	1.74	NTU	41	0.545	0.538	2.2	+---+---0---+---+ X	0.6	0.63	1.33	0.46	0.53
	Lab Turbidity Difference	1.19	NTU	40	0.038	0.606	2	+---+---0---+---+ X	0.15	0.07	0.89	0.02	0.34
CAK-001EFF-20110817	001 Effluent	8/17/2011											
	Total Suspended Solids	10.4	mg/L	2400	4.41	2.72	2.2	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-002EFF-20110817	002 Effluent	8/17/2011											
	Total Suspended Solids	10.8	mg/L	233	4.02	0.167	41	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-002EFF-20110818	002 Effluent	8/18/2011											
	Total Suspended Solids	6.4	mg/L	234	4.04	0.474	5	+---+---0---+---+ X	10.8	<4.0	<4.0	<4.0	<4.0
CAK-002EFF-20110820	002 Effluent	8/20/2011											
	Total Suspended Solids	5.2	mg/L	236	4.05	0.496	2.3	+---+---0---+---+ X	<4.0	6.4	10.8	<4.0	<4.0
CAK-002EFF-20110821	002 Effluent	8/21/2011											
	Total Suspended Solids	8.4	mg/L	237	4.06	0.501	8.7	+---+---0---+---+ X	5.2	<4.0	6.4	10.8	<4.0

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-002EFF-20110823	002 Effluent	8/23/2011											
	Ammonia as N	0.4	mg/L	42	0.886	0.144	-3.4	X +---+---0---+---+	0.66	0.7	0.86	0.77	0.82
	Hardness, Total	181	mg/L	43	281	24.9	-4	X +---+---0---+---+	242	254	285	248	269
	Lab Turbidity	4.53	NTU	42	0.573	0.563	7	+---+---0---+---+ X	1.74	0.6	0.63	1.33	0.46
	Lab Turbidity Difference	3.52	NTU	41	0.008	0.628	5.6	+---+---0---+---+ X	1.19	0.15	0.07	0.89	0.02
	Mercury Total	0.0019	ug/L	42	0.001	0.00015	5.9	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	<0.0010	0.0013
	Total Dissolved Solids	319	mg/L	42	446	37.7	-3.4	X +---+---0---+---+	435	361	480	392	407
	Total Recoverable Aluminum	28.9	ug/L	42	4.82	2.4	10	+---+---0---+---+ X	2.9	5.8	8.5	6.7	5.6
	Total Recoverable Copper	1.3	ug/L	42	<1.0	0	-	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1.0
	Total Recoverable Iron	0.995	mg/L	42	0.103	0.0826	11	+---+---0---+---+ X	0.166	0.1	0.0887	0.096	0.091
CAK-001EFF-20110823	001 Effluent	8/23/2011											
	Nitrate as N	3.8	mg/L	382	0.968	1.34	2.1	+---+---0---+---+ X	3.07	4.98	4.62	2.78	1.86
CAK-SLB-20110824	SLB	8/24/2011											
	Color	150	Color Unit	71	55.1	32.4	2.9	+---+---0---+---+ X	10	15	15	35	<5.0
	Dissolved Aluminum	145	ug/L	77	57.5	30.2	2.9	+---+---0---+---+ X	12.8	18.5	21.8	40.5	8.7
	Mercury Dissolved	0.0054	ug/L	75	0.002	0.00113	3.2	+---+---0---+---+ X	<0.0010	<0.0010	<0.0010	0.0015	<0.0010
CAK-SLC-20110824	SLC	8/24/2011											
	Color	100	Color Unit	70	39.4	22.4	2.7	+---+---0---+---+ X	45	10	25	20	<5.0
	Dissolved Aluminum	121	ug/L	76	44.4	21.2	3.6	+---+---0---+---+ X	35.1	21.3	28.3	28.5	10.3
	Mercury Dissolved	0.0042	ug/L	74	0.002	0.00076	3.4	+---+---0---+---+ X	0.0028	0.001	0.0012	0.0012	<0.0010
CAK-MLA-20110824	MLA	8/24/2011											
	Mercury Dissolved	0.0039	ug/L	75	0.002	0.00069	3.2	+---+---0---+---+ X	<0.0010	<0.0010	0.0011	0.0016	0.0012
	Total Chromium	<2.5	ug/L	57	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-002EFF-20110825	002 Effluent	8/25/2011											
	Lab Turbidity 001 Background	1.2	NTU	42	0.609	0.291	2	+---+---0---+---+ X	1.01	0.55	0.45	0.56	0.44
	Total Recoverable Copper	1.2	ug/L	43	1.01	0.0457	4.2	+---+---0---+---+ X	1.3	<1.0	<1.0	<1.0	<1.0
CAK-002EFF-20110830	002 Effluent	8/30/2011											
	Ammonia as N	0.49	mg/L	44	0.868	0.164	-2.3	X +---+---0---+---+	0.59	0.4	0.66	0.7	0.86
	Mercury Total	0.0016	ug/L	44	0.001	0.0002	2.8	+---+---0---+---+ X	0.0012	0.0019	<0.0010	<0.0010	<0.0010
CAK-002EFF-20110831	002 Effluent	8/31/2011											
	Total Suspended Solids	10.4	mg/L	246	4.08	0.569	11	+---+---0---+---+ X	<4.0	5.2	<4.0	<4.0	<4.0
CAK-SH103-20110807	SH103	8/7/2011											
	Dissolved Oxygen	N/A	mg/L	64	11.5	1.1	-10	X +---+---0---+---+	9.14	N/A	N/A	N/A	N/A
	pH field	N/A	pH	66	7.38	0.263	-28	X +---+---0---+---+	7.18	N/A	N/A	N/A	N/A
CAK-SH111-20110807	SH111	8/7/2011											
	Conductivity	N/A	umhos/cm	37	54.9	12.4	-4.4	X +---+---0---+---+	47.9	N/A	N/A	N/A	N/A
	Dissolved Oxygen	N/A	mg/L	38	11.9	0.881	-13	X +---+---0---+---+	9.42	N/A	N/A	N/A	N/A
	pH field	N/A	pH	38	7.53	0.281	-27	X +---+---0---+---+	7.35	N/A	N/A	N/A	N/A
	Temperature	N/A	oC	38	5.24	2.55	-2.1	X +---+---0---+---+	11	N/A	N/A	N/A	N/A

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SMP5-20110901	SLSP-SL5	9/1/2011											
	Dissolved Selenium	<1	ug/L	14	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1	<1
	Total Recoverable Selenium	<1.0	ug/L	39	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-001EFF-20110909	001 Effluent	9/9/2011											
	Total Suspended Solids	18.8	mg/L	2423	4.41	2.71	5.3	+---+---0---+---+ X	<4.0	<4.0	<4.0	<4.0	<4.0
CAK-002EFF-20110913	002 Effluent	9/13/2011											
	Ammonia as N	0.4	mg/L	46	0.851	0.18	-2.5	X +---+---0---+---+	0.46	0.49	0.59	0.4	0.66
	Lab Turbidity 001 Background	2.01	NTU	45	0.636	0.302	4.6	+---+---0---+---+ X	0.8	1.04	1.2	1.01	0.55
CAK-SH113-20110914	SH113	9/14/2011											
	Dissolved Selenium	<1.0	ug/L	59	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-SH111-20110915	SH111	9/15/2011											
	Ammonia as N	<0.10	mg/L	39	0.1	0	-	+---+---0---+---+ X	<0.10	<0.10	<0.10	<0.10	<0.1
	Dissolved Manganese	<1.0	ug/L	39	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Nickel	<1.0	ug/L	39	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Selenium	<1.0	ug/L	39	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Total Recoverable Selenium	<1.0	ug/L	39	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-002EFF-20110915	002 Effluent	9/15/2011											
	Ammonia as N	0.4	mg/L	47	0.841	0.19	-2.3	X +---+---0---+---+	0.4	0.46	0.49	0.59	0.4
CAK-SMP-5-20110920	SLSP-SL5	9/20/2011											
	Color	100	Color Unit	14	41.4	23.8	2.5	+---+---0---+---+ X	70	20	15	<5.0	80
	Conductivity	233	umhos/cm	48	119	37.5	3	+---+---0---+---+ X	297	100.5	101.2	100.7	88.2
	Dissolved Aluminum	102	ug/L	15	43.8	27.5	2.1	+---+---0---+---+ X	76.6	18.9	8.9	4	56.9
	Dissolved Selenium	<1.0	ug/L	15	1	0	-	X +---+---0---+---+	<1	<1.0	<1.0	<1.0	<1
	Total Recoverable Selenium	<1.0	ug/L	40	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-MLA-20110926	MLA	9/26/2011											
	Total Chromium	<2.5	ug/L	58	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SH113-20110927	SH113	9/27/2011											
	Conductivity	N/A	umhos/cm	57	182	72.3	-2.5	X +---+---0---+---+	145.0	239.0	274.0	64.5	115.3
	Dissolved Selenium	<1.0	ug/L	60	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	pH field	N/A	pH	57	7.62	0.152	-50	X +---+---0---+---+	7.69	7.76	7.54	7.85	7.83
CAK-002EFF-20110906	002 Effluent	9/6/2011											
	Ammonia as N	0.46	mg/L	45	0.86	0.172	-2.3	X +---+---0---+---+	0.49	0.59	0.4	0.66	0.7
	Mercury Total	0.0015	ug/L	45	0.001	0.00021	2.1	+---+---0---+---+ X	0.0016	0.0012	0.0019	<0.0010	<0.0010
CAK-SMP-5-20110901	SLSP-SL5	9/1/2011											
	Conductivity	297	umhos/cm	47	115	27.1	6.7	+---+---0---+---+ X	100.5	101.2	100.7	88.2	102.8

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20111005	001 Effluent	10/5/2011											
	Dissolved Oxygen	9.01	mg/L	791	11.8	1.23	-2.3	X +---+---0---+---+	10.97	11.71	10.43	10.54	10.13
CAK-SH113-20111011	SH113	10/11/2011											
	Dissolved Oxygen	8.76	mg/L	56	12.3	1.33	-2.7	X +---+---0---+---+	12.89	11.36	8.17	10.66	11.87
	Dissolved Selenium	<1.0	ug/L	61	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-001EFF-20111011	001 Effluent	10/11/2011											
	Dissolved Oxygen	8.27	mg/L	792	11.8	1.23	-2.9	X +---+---0---+---+	9.01	10.97	11.71	10.43	10.54
CAK-002EFF-20111011	002 Effluent	10/11/2011											
	Ammonia as N	0.39	mg/L	51	0.812	0.209	-2	X +---+---0---+---+	0.42	0.5	0.55	0.4	0.4
CAK-SLB-20111010	SLB	10/10/2011											
	Chloride	7.4	mg/L	79	2.1	2.37	2.2	+---+---0---+---+ X	5.5	1.4	11.5	7	8.2
	Conductivity	443	umhos/cm	80	140	123	2.5	+---+---0---+---+ X	289	73	676	429	388
	Dissolved Oxygen	8.67	mg/L	70	12	1.64	-2	X +---+---0---+---+	10.84	11.31	9.76	10.65	N/A
	Hardness, Total	163	mg/L	79	60.4	48.4	2.1	+---+---0---+---+ X	111	36.9	258	165	155
	Sulfate	127	mg/L	79	19.9	45.2	2.4	+---+---0---+---+ X	63.8	2.65	205	107	109
	Total Dissolved Solids	282	mg/L	79	90.6	82.3	2.3	+---+---0---+---+ X	175	36	408	230	258
CAK-SLC-20111010	SLC	10/10/2011											
	Conductivity	278	umhos/cm	79	122	67.6	2.3	+---+---0---+---+ X	239	70.4	187.9	299	158.4
	Dissolved Oxygen	8.89	mg/L	70	12.3	1.57	-2.2	X +---+---0---+---+	11.35	11.81	10.1	11.07	N/A
	Sulfate	60.1	mg/L	78	11.5	21.4	2.3	+---+---0---+---+ X	43.5	2.93	34.2	62.2	29.9
CAK-MLA-20111010	MLA	10/10/2011											
	Dissolved Oxygen	7.33	mg/L	68	11	1.72	-2.1	X +---+---0---+---+	9.02	8.93	7.04	11.23	N/A
	Total Chromium	<2.5	ug/L	59	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SMP5-20111010	SLSP-SL5	10/10/2011											
	Conductivity	453	umhos/cm	49	122	40.5	8.2	+---+---0---+---+ X	233	297	100.5	101.2	100.7
	Dissolved Copper	3.1	ug/L	16	1.37	0.357	4.8	+---+---0---+---+ X	1.4	1.4	1.3	<1.0	<1.0
	Dissolved Selenium	<1.0	ug/L	16	1	0	-	X +---+---0---+---+	<1.0	<1	<1.0	<1.0	<1.0
	Total Recoverable Selenium	<1.0	ug/L	41	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-JS2-20111013	JS2	10/13/2011											
	Dissolved Oxygen	8.11	mg/L	72	12.3	1.31	-3.2	X +---+---0---+---+	10.51	11.5	11.04	8.96	12.99

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-JS4-20111013	JS4	10/13/2011											
	Dissolved Copper	1.4	ug/L	75	1	0.179	2.2	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Oxygen	9.55	mg/L	72	12.6	1.1	-2.8	X +---+---0---+---+	11.6	12.13	10.89	9.49	10.12
CAK-JS5-20111013	JS5	10/13/2011											
	Dissolved Oxygen	8.62	mg/L	71	12.4	1.07	-3.6	X +---+---0---+---+	11.41	11.77	10.95	11.18	10.99
CAK-002EFF-20111018	002 Effluent	10/18/2011											
	Ammonia as N	0.31	mg/L	52	0.804	0.215	-2.3	X +---+---0---+---+	0.39	0.42	0.5	0.55	0.4
CAK-001EFF-20111018	001 Effluent	10/18/2011											
	Dissolved Oxygen	8.53	mg/L	793	11.8	1.24	-2.6	X +---+---0---+---+	8.27	9.01	10.97	11.71	10.43
CAK-SH113-20111018	SH113	10/18/2011											
	Dissolved Aluminum	35.9	ug/L	62	10.2	8.37	3.1	+---+---0---+---+ X	9.2	9.1	14	5.4	5.2
	Dissolved Copper	1.9	ug/L	62	1.05	0.17	5	+---+---0---+---+ X	<1.0	<1.0	1.2	<1.0	<1.0
	Dissolved Oxygen	8.69	mg/L	57	12.3	1.4	-2.6	X +---+---0---+---+	8.76	12.89	11.36	8.17	10.66
	Dissolved Selenium	<1.0	ug/L	62	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Mercury Dissolved	0.0018	ug/L	62	0.001	0.00022	3.3	+---+---0---+---+ X	<0.0010	0.0013	0.0011	<0.0010	<0.0010
CAK-SH105-20111018	SH105	10/18/2011											
	Color	40	Color Unit	78	13.6	12.3	2.1	+---+---0---+---+ X	20	<5.0	<5.0	<5.0	15
	Dissolved Copper	2.1	ug/L	87	1.13	0.314	3.1	+---+---0---+---+ X	1	<1.0	<1.0	<1.0	1
	Dissolved Iron	0.072	mg/L	79	0.052	0.00597	3.4	+---+---0---+---+ X	<0.05	<0.05	<0.05	<0.05	<0.05
	Dissolved Oxygen	9.08	mg/L	85	12.7	1.2	-3	X +---+---0---+---+	11.38	11.40	10.70	11.81	13.10
	Mercury Dissolved	0.0022	ug/L	71	0.001	0.00049	2.1	+---+---0---+---+ X	0.0013	<0.0010	0.0041	<0.0010	<0.0010
CAK-SH109-20111018	SH109	10/18/2011											
	Dissolved Oxygen	8.61	mg/L	88	12.4	1.26	-3	X +---+---0---+---+	11.09	11.09	11.02	11.96	12.94
CAK-001EFF-20111025	001 Effluent	10/25/2011											
	Fluoride	<0.40	mg/L	59	0.158	0.0823	2.9	+---+---0---+---+ X	<0.40	<0.4	<0.40	<0.40	<0.2
CAK-002EFF-20111025	002 Effluent	10/25/2011											
	Ammonia as N	0.32	mg/L	53	0.795	0.224	-2.1	X +---+---0---+---+	0.31	0.39	0.42	0.5	0.55
	Total Recoverable Boron	0.031	mg/L	2	<0.03	0	-	+---+---0---+---+ X	<0.03	<0.03			
CAK-SH111-20111025	SH111	10/25/2011											
	Ammonia as N	<0.10	mg/L	40	0.1	0	-	+---+---0---+---+ X	<0.10	<0.10	<0.10	<0.10	<0.10
	Dissolved Manganese	<1.0	ug/L	40	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Nickel	<1.0	ug/L	40	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Oxygen	10.07	mg/L	39	11.8	0.874	-2	X +---+---0---+---+	11.29	N/A	9.42	N/A	N/A
	Dissolved Selenium	<1.0	ug/L	40	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
	Dissolved Zinc	7.1	ug/L	40	2.98	1.47	2.8	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
	Total Recoverable Selenium	<1.0	ug/L	40	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-SMP5-201111010	SLSP-SL5	10/10/2011											
	Conductivity	453	umhos/cm	49	122	40.5	8.2	+---+---0---+---+ X	233	297	100.5	101.2	100.7

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-MLA-2011111	MLA	11/1/2011											
	Lab Turbidity	2.71	NTU	103	0.814	0.736	2.6	+---+---0---+---+ X	0.58	1.08	0.53	0.57	0.48
CAK-SH113-20111108	SH113	11/8/2011											
	Sulfate	94	mg/L	63	29.9	17.2	3.7	+---+---0---+---+ X	10.4	23	18.9	17.4	34.1
CAK-SMP5-20111108	SLSP-SL5	11/8/2011											
	Dissolved Selenium	<1.0	ug/L	17	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1	<1.0	<1.0
	Total Recoverable Selenium	<1.0	ug/L	42	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-002EFF-20111108	002 Effluent	11/8/2011											
	Ammonia as N	0.29	mg/L	55	0.777	0.237	-2.1	X +---+---0---+---+	0.31	0.32	0.31	0.39	0.42
CAK-002EFF-20111115	002 Effluent	11/15/2011											
	Total Recoverable Nickel	4.5	ug/L	56	1.94	0.665	3.9	+---+---0---+---+ X	1.6	2.1	2.3	2.1	1.3
CAK-002EFF-20111117	002 Effluent	11/17/2011											
	Lab Turbidity 001 Background	1.83	NTU	56	0.715	0.44	2.5	+---+---0---+---+ X	1.24	0.97	2.71	0.58	1.08
	Mercury Total	0.005	ug/L	57	0.001	0.0002	20	+---+---0---+---+ X	<0.0010	0.001	<0.0010	<0.0010	0.0013
	Total Recoverable Nickel	4.7	ug/L	57	1.98	0.742	3.7	+---+---0---+---+ X	4.5	1.6	2.1	2.3	2.1
CAK-001EFF-20111120	001 Effluent	11/20/2011											
	Dissolved Oxygen	16.19	mg/L	799	11.8	1.25	3.5	+---+---0---+---+ X	12.16	10.69	11.34	9.83	9.85
CAK-002EFF-20111120	002 Effluent	11/20/2011											
	Total Recoverable Copper	1.2	ug/L	58	1.01	0.0511	3.6	+---+---0---+---+ X	<1.0	<1.0	<1.0	<1.0	1.1
	Total Recoverable Nickel	4.9	ug/L	58	2.03	0.817	3.5	+---+---0---+---+ X	4.7	4.5	1.6	2.1	2.3
CAK-SH113-20111121	SH113	11/21/2011											
	Dissolved Oxygen	16.59	mg/L	58	12.2	1.46	3	+---+---0---+---+ X	8.69	8.76	12.89	11.36	8.17
	Dissolved Selenium	<1.0	ug/L	63	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-SH105-20111121	SH105	11/21/2011											
	Alkalinity, Total as CaCO3	57	mg/L	77	33.4	7.77	3	+---+---0---+---+ X	29	31.4	29.6	29.8	24.6
	Dissolved Oxygen	17.13	mg/L	86	12.7	1.26	3.5	+---+---0---+---+ X	9.08	11.38	11.40	10.70	11.81
CAK-SH109-20111121	SH109	11/21/2011											
	Dissolved Oxygen	17.13	mg/L	89	12.3	1.32	3.6	+---+---0---+---+ X	8.61	11.09	11.09	11.02	11.96
CAK-SH103-20111121	SH103	11/21/2011											
	Dissolved Oxygen	14.01	mg/L	66	11.4	1.11	2.3	+---+---0---+---+ X	9.55	10.73	N/A	9.14	N/A

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SLB-20111130	SLB	11/30/2011											
	Chloride	9.5	mg/L	80	2.17	2.43	3	+---+---0---+---+ X	7.4	5.5	1.4	11.5	7
	Conductivity	522	umhos/cm	81	144	127	3	+---+---0---+---+ X	443	289	73	676	429
	Hardness, Total	204	mg/L	80	61.7	49.5	2.9	+---+---0---+---+ X	163	111	36.9	258	165
	Sulfate	154	mg/L	80	21.2	46.4	2.9	+---+---0---+---+ X	127	63.8	2.65	205	107
	Total Dissolved Solids	290	mg/L	80	93	84.5	2.3	+---+---0---+---+ X	282	175	36	408	230
CAK-SLC-20111130	SLC	11/30/2011											
	Chloride	7.2	mg/L	79	2.43	1.76	2.7	+---+---0---+---+ X	5.6	5.6	2.2	3.8	5.5
	Conductivity	344	umhos/cm	80	124	69.4	3.2	+---+---0---+---+ X	278	239	70.4	187.9	299
	Hardness, Total	135	mg/L	79	53.7	26.9	3	+---+---0---+---+ X	103	95.8	33.4	76.9	115
	Sulfate	88	mg/L	79	12.1	22	3.5	+---+---0---+---+ X	60.1	43.5	2.93	34.2	62.2
CAK-MLA-20111130	MLA	11/30/2011											
	Total Chromium	<2.5	ug/L	60	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-001EFF-20111129	001 Effluent	11/29/2011											
CAK-001EFF-20111130	001 Effluent	11/30/2011											
	Fluoride	<0.40	mg/L	60	0.162	0.0874	2.7	+---+---0---+---+ X	<0.40	<0.40	<0.4	<0.40	<0.40
	pH lab	7.58	pH	440	8.06	0.196	-2.4	X +---+---0---+---+	7.84	7.74	7.22	6.88	7.4
CAK-002EFF-20111129	002 Effluent	11/29/2011											
	Chloride	16.1	mg/L	3	13.8	0.7	3.3	+---+---0---+---+ X	14.3	14.1	13		
	Fluoride	<0.40	mg/L	3	0.4	0	-	+---+---0---+---+ X	<0.40	<0.40	<0.4		
CAK-002EFF-20111101	002 Effluent	11/1/2011											
	Ammonia as N	0.31	mg/L	54	0.786	0.231	-2.1	X +---+---0---+---+	0.32	0.31	0.39	0.42	0.5
	Lab Turbidity 001 Background	2.71	NTU	53	0.663	0.345	5.9	+---+---0---+---+ X	0.58	1.08	0.53	0.48	0.47
	Lab Turbidity Difference	-2.14	NTU	53	0.077	0.742	-3	X +---+---0---+---+	-0.03	-0.33	0.15	0.44	0.11
CAK-MLA-20111101	MLA	11/1/2011											
	Lab Turbidity	2.71	NTU	103	0.814	0.736	2.6	+---+---0---+---+ X	0.58	1.08	0.53	0.57	0.48

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-001EFF-20111206	001 Effluent	12/6/2011											
	Dissolved Oxygen	6.74	mg/L	802	11.8	1.25	-4	X +---+---0---+---+	11.90	12.40	16.19	12.16	10.69
CAK-001EFF-20111208	001 Effluent	12/8/2011											
	Dissolved Oxygen	9.15	mg/L	803	11.8	1.27	-2.1	X +---+---0---+---+	6.74	11.90	12.40	16.19	12.16
CAK-001EFF-20111213	001 Effluent	12/13/2011											
	Dissolved Oxygen	8.44	mg/L	804	11.8	1.27	-2.6	X +---+---0---+---+	9.15	6.74	11.90	12.40	16.19
CAK-JS2-20111212	JS2	12/12/2011											
	Dissolved Oxygen	5.82	mg/L	74	12.2	1.4	-4.6	X +---+---0---+---+	10.32	8.11	10.51	11.5	11.04
CAK-JS4-20111212	JS4	12/12/2011											
	Dissolved Oxygen	17.74	mg/L	74	12.6	1.15	4.5	+---+---0---+---+ X	11.12	9.55	11.6	12.13	10.89
CAK-SH113-20111218	SH113	12/18/2011											
	Dissolved Oxygen	8.43	mg/L	59	12.3	1.56	-2.5	X +---+---0---+---+	16.59	8.69	8.76	12.89	11.36
	Dissolved Selenium	<1.0	ug/L	64	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-SH105-20111218	SH105	12/18/2011											
	Dissolved Oxygen	9.81	mg/L	87	12.7	1.34	-2.2	X +---+---0---+---+	17.13	9.08	11.38	11.40	10.70
CAK-001EFF-20111215	001 Effluent	12/15/2011											
	Dissolved Oxygen	8.45	mg/L	805	11.8	1.27	-2.6	X +---+---0---+---+	8.44	9.15	6.74	11.90	12.40
	Total Chromium	4.1	ug/L	325	2.55	0.446	3.5	+---+---0---+---+ X	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-SH109-20111218	SH109	12/18/2011											
	Dissolved Oxygen	7.07	mg/L	90	12.4	1.4	-3.8	X +---+---0---+---+	17.13	8.61	11.09	11.09	11.02
CAK-SH103-20111218	SH103	12/12/2011											
	Dissolved Oxygen	7.02	mg/L	67	11.5	1.15	-3.9	X +---+---0---+---+	14.01	9.55	10.73	N/A	9.14
CAK-002EFF-20111220	002 Effluent	12/20/2011											
	Lab Turbidity	2.93	NTU	66	0.747	0.691	3.2	+---+---0---+---+ X	1.39	0.63	0.92	0.9	0.58
	Lab Turbidity Difference	2.34	NTU	65	0.021	0.735	3.2	+---+---0---+---+ X	0.64	0.08	-0.01	0.07	0.01
	Total Recoverable Aluminum	14.2	ug/L	66	5.12	3.67	2.5	+---+---0---+---+ X	4.9	7.9	2.8	3.2	3.1
	Total Recoverable Iron	0.768	mg/L	66	0.121	0.136	4.8	+---+---0---+---+ X	0.199	0.318	0.078	0.074	0.135
CAK-001EFF-20111220	001 Effluent	12/20/2011											
	Dissolved Oxygen	7.29	mg/L	806	11.8	1.28	-3.5	X +---+---0---+---+	8.45	8.44	9.15	6.74	11.90

Sample No.	Stn.Code	Collect Date/Time	Units	N	Avg	St.Dev.	Num.SD	-2S --- 0 --- +2S	Most Recent Results -->				
CAK-SH113-20111220	SH113	12/20/2011											
	Dissolved Selenium	<1.0	ug/L	65	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0
CAK-SLB-20111221	SLB	12/21/2011											
	Chloride	8.8	mg/L	81	2.26	2.55	2.6	+---+---0---+---+ X	9.5	7.4	5.5	1.4	11.5
	Conductivity	510	umhos/cm	82	149	133	2.7	+---+---0---+---+ X	522	443	289	73	676
	Dissolved Manganese	133	ug/L	81	33.3	44.2	2.3	+---+---0---+---+ X	98.4	68.3	33.4	12	1.4
	Hardness, Total	185	mg/L	81	63.5	51.6	2.4	+---+---0---+---+ X	204	163	111	36.9	258
	Sulfate	142	mg/L	81	22.8	48.5	2.5	+---+---0---+---+ X	154	127	63.8	2.65	205
	Total Dissolved Solids	348	mg/L	81	95.4	86.8	2.9	+---+---0---+---+ X	290	282	175	36	408
CAK-SLC-20111221	SLC	12/21/2011											
	Chloride	6.6	mg/L	80	2.49	1.83	2.2	+---+---0---+---+ X	7.2	5.6	5.6	2.2	3.8
	Conductivity	340	umhos/cm	81	126	73.2	2.9	+---+---0---+---+ X	344	278	239	70.4	187.9
	Dissolved Manganese	71.7	ug/L	80	17.5	24.9	2.2	+---+---0---+---+ X	58	34.7	18.7	5.6	<1.0
	Hardness, Total	122	mg/L	80	54.7	28.2	2.4	+---+---0---+---+ X	135	103	95.8	33.4	76.9
	Sulfate	76.4	mg/L	80	13	23.4	2.7	+---+---0---+---+ X	88	60.1	43.5	2.93	34.2
CAK-MLA-20111221	MLA	12/21/2011											
	Total Chromium	<2.5	ug/L	61	2.5	0	-	X +---+---0---+---+	<2.5	<2.5	<2.5	<2.5	<2.5
CAK-002EFF-20111228	002 Effluent	12/28/2011											
	Total Recoverable Aluminum	29	ug/L	67	5.25	3.81	6.2	+---+---0---+---+ X	14.2	4.9	7.9	2.8	3.2
	Total Recoverable Iron	1.47	mg/L	67	0.13	0.157	8.6	+---+---0---+---+ X	0.768	0.199	0.318	0.078	0.074
CAK-001EFF-20111228	001 Effluent	12/28/2011											
	Chloride	29	mg/L	63	10	5.76	3.3	+---+---0---+---+ X	18.4	18	27	13	21
	Fluoride	<0.40	mg/L	61	0.166	0.0918	2.5	+---+---0---+---+ X	<0.40	<0.40	<0.40	<0.4	<0.40
	Lab Conductivity	469	umhos/cm	21	359	43	2.6	+---+---0---+---+ X	418	378	397	394	363
CAK-SMP-5-20111220	SLSP-SL5	12/20/2011											
	Conductivity	508	umhos/cm	52	133	76.6	4.9	+---+---0---+---+ X	37.3	453	453	233	297
	Dissolved Selenium	<1.0	ug/L	18	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1	<1.0
	Total Recoverable Selenium	<1.0	ug/L	43	1	0	-	X +---+---0---+---+	<1.0	<1.0	<1.0	<1.0	<1.0