

Table C.2
Results of Natural Attenuation Study - On-Post Monitoring Wells
Field Analysis
Camp Stanley Storage Activity

SampleID	CS-16	CS-D	CS-9	CS-10	CS-11	CS-1	CS-MW1-LGR	CS-MW2-LGR	CS-2	CS-MW8-LGR	CS-MW5-LGR	CS-MW4-LGR
Sample Date	09/09/02	09/09/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/11/02
ParamID												
<i>Hach Testing (mg/L)</i>												
Alkalinity	230	250	236	258	244	228	258	262	242	300	244	280
Carbon Dioxide	60	45	55	45	65	65	45	35	60	56	65	55
Ferrous Iron	0	0	0	0	0.29	0.02	0.08	0.08	0.04	0	0.02	0.05
Hydrogen Sulfide	0	0	0	0	0	0	0	0	0	0	0	0
Manganese	0.2	0.2	0	0	0	0	0	0.5	0.1	0	0	0.1
Nitrate	3.2	3.9	2.5	2.2	0.6	2	1.9	1.3	1.9	10.4	2.8	1.7
Nitrite	0	0.001	0.001	0	0	0.001	0.002	0.002	0.002	0.018	0	0
Sulfate	24.37	18.89	28.19	28.91	43.39	38.94	23.44	40.7	48.35	3.59	20.75	36.25
<i>Direct Readings</i>												
pH	6.81	7.01	7.46	7.62	7.13	7.47	6.39	6.94	6.02	5.43	6.38	6.57
Conductivity*												
Redox Potential	188	207.8	-26.4	3.4	33.6	35	377.4	352.3	369.4	418.2	262.3	333.7
Dissolved Oxygen	3.44	1.41	3.65	3.35	2.52	3.35	5.24	0.16	2.51	0.44	0.47	0.11
Temperature	21.94	22.23	22.54	22.89	22.12	22.97	23.09	22.44	22.51	23.11	23.09	22.9

* Conductivity data for sampling dates 9/9/02 through the majority of 9/11/02 is not considered usable due to a malfunctioning conductivity meter.

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SampleID	CS-MW3_LGR	CS-G	CS-MW9-LGR	CS-MW6-LGR	CS-MW19-LGR	CS-MW17-LGR	CS-MW18-LGR	CS-MW7-LGR	CS-MW10-LGR
Sample Date	9/11/2002	9/11/2002	9/11/2002	9/11/2002	9/12/2002	9/12/2002	9/12/2002	9/13/2002	9/13/2002
ParamID									
Alkalinity	158	180	262	226	256	274	254	250	282
Carbon Dioxide	45	50	45	50	35	60	55	65	85
Ferrous Iron	0	0	0	0	0	0.02	0	0.01	0
Hydrogen Sulfide	0	0	0	0	0	0	0	0	0
Manganese	0	0	0	0	0.1	0	0.3	0	0.2
Nitrate	2.1	3	2.5	2.2	4.4	4.3	0.14	8.8	0
Nitrite	0.006	0.004	0.002	0.001	0.004	0.003	0.002	0	0.002
Sulfate	24.57	15.37	17.96	21.58	10.62	20.75	43.8	1.84	17.96
pH	5.86	6.09	4.2	7.38	7.3	7.03	7.63	8	7.9
Conductivity				571	617	618	564	624	688
Redox Potential	436.9	404	535.6	12	93.9	40.1	32.5	-108.6	-59.5
Dissolved Oxygen	0.95	3.83	2.2	1.12	7.36	4.57	1.74	0.32	1.96
Temperature	23.56	22.27	23.11	22.79	22.11	22.29	22.54	21.4	22.22