

FEROX<sup>SM</sup> APPLICATION  
 FEDERAL GOVERNMENT FACILITY  
 NORTHERN ALABAMA

Well ID	Event	TCE (ug/L)	<i>cis</i> -1,2-DCE (ug/L)	1,1,2,2-PCA (ug/L)	1,1,2,-TCA (ug/L)	Cl (mg/L)	pH (s.u)
M W 01-013	Baseline	50200	30	240	64	2.76	7.04
	Post-Inj. I	10700	50 U	50 U	50 U	8.56	6.65
	Post-Inj. II	34000	180	250 U	250 U	9.6	6.97
	Post-Inj. III	10000	920	50 U	50 U	9.1	7
	Post-Inj. IV	13000	7700	100 U	100 U	11	7.01
	Post-Inj. V	6600	5000	40 U	40 U	15	7
	Post-Inj. VI	12000	11000	100 U	100 U	19	7.04
M W 00-211	Baseline	22	1 U	1 U	1 U	6.87	6.98
	Post-Inj. I	64	1 U	1 U	1 U	7.48	6.75
	Post-Inj. II	29	5 U	5 U	5 U	8	6.93
	Post-Inj. III	12	1 U	1 U	1 U	8.5	7.16
	Post-Inj. IV	12	1 U	1 U	1 U	7.7	6.3
	Post-Inj. V	11	1 U	1 U	1 U	9.2	6.93
	Post-Inj. VI	17	1 U	1 U	1 U	9.2	7.13
M W 00-212	Baseline	13300	122	500 U	500 U	4.34	6.35
	Post-Inj. I	3250	1140	50 U	50 U	10.5	6.8
	Post-Inj. II	8900	680	250 U	250 U	7	6.35
	Post-Inj. III	5100	900	5 U	5 U	7.9	6.72
	Post-Inj. IV	5800	630	50 U	50 U	6.6	5.57
	Post-Inj. V	4500	370	40 U	40 U	6.8	6.3
	Post-Inj. VI	5600	540	25 U	25 U	7.9	6.48
M W 00-213	Baseline	72800	100 U	100 U	100 U	3.29	6.91
	Post-Inj. I	9760	25	50 U	50 U	44.4	6.65
	Post-Inj. II	14000	430	250 U	250 U	42	6.54
	Post-Inj. III	5200	970	40 U	40 U	30	6.04
	Post-Inj. IV	4200	3900	50 U	50 U	23	6.32
	Post-Inj. V	3400	3500	40 U	40 U	30	7.29
	Post-Inj. VI	2500	9900	100 U	100 U	34	6.48
M W 00-214	Baseline	0.94	1 U	1 U	1 U	1.36	6.26
	Post-Inj. I	1 U	1 U	1 U	5 U	1.9	5.94
	Post-Inj. II	-	-	-	-	-	6.19
	Post-Inj. III	0.76	1 U	1 U	1 U	2.1	6.35
	Post-Inj. IV	0.71	1 U	1 U	1 U	1.6	6.07
	Post-Inj. V	0.67	1 U	1 U	1 U	2.1	5.88
	Post-Inj. VI	0.56	1 U	1 U	1 U	1.9	6.3
M W 00-215	Baseline	51	1.6	1 U	1 U	2.34	6.08
	Post-Inj. I	47	1.1	1 U	1 U	-	6.32
	Post-Inj. II	-	-	-	-	2.9	6.03
	Post-Inj. III	36	0.97	1 U	1 U	3.8	5.95
	Post-Inj. IV	48	0.84	1 U	1 U	3	5.34
	Post-Inj. V	63	1	1 U	1 U	3.4	5.7
	Post-Inj. VI	53	0.8	1 U	1 U	3.2	6.05
M W 00-216	Baseline	213	114	1 U	1 U	3.69	6.42
	Post-Inj. I	203	116	1 U	1 U	5.66	6.24
	Post-Inj. II	360	26	5 U	5 U	4.1	6.12
	Post-Inj. III	320	55	2 U	1 U	5.9	5.55
	Post-Inj. IV	300	72	1 U	1 U	4.7	5.06
	Post-Inj. V	210	51	2 U	2 U	6.2	5.66
	Post-Inj. VI	300	74	2 U	2 U	5.1	5.65
M W 00-217	Baseline	16	5.5	1 U	1 U	4.63	6.08
	Post-Inj. I	13	5.2	1 U	1 U	6.88	6.24
	Post-Inj. II	9.8	3.7	5 U	5 U	5.4	5.84
	Post-Inj. III	8.7	3.4	1 U	1 U	6.8	5.54
	Post-Inj. IV	9	3.2	1 U	1 U	5.3	5.45
	Post-Inj. V	13	5.6	1 U	1 U	6.2	6.2
	Post-Inj. VI	14	4.4	1 U	1 U	5.8	5.18

The previous table shows the results of the baseline and post-injection groundwater sampling events. The post-injection sampling events were conducted approximately 6 weeks, 10 weeks, 18 weeks, 30 weeks, 52 weeks and 64 weeks after the Ferox<sup>SM</sup> injection. Note the decrease in the TCE concentrations and the corresponding increase in *cis*-1,2-DCE, and chloride levels in source area wells. This is indicative of effective dechlorination of the TCE.