APPENDIX C
STATISTICAL SUMMARY OF OCCURRENCE OF GROUNDWATER CONTAMINANTS OF CONCERN-ALL RESULTS
LONG TERM MONITORING OPTIMIZATION
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Parameter	ParLabel	Total Samples[a/]	Range of Detects (µg/L)[b/]			Percentage of Detects	Percentage of Samples with MCL Exceedances	MCL (µg/L)	Number of Wells with Results[c/]	Number of Wells with Detections	Number of Wells with MCL Exceedances
Tetrachloroethene	PCE	1655	0	-	13,900	52%	21%	5	139	96	42
Trichloroethene	TCE	1652	0	-	321	43%	15%	5	139	77	29
Lead	PB	345	0	-	250	57%	7%	15	46	38	9
Dichloroethene, cis-1,2-	DCE12C	1609	0	-	290	16%	3%	70	139	35	3
Bromodichloromethane	BDCME	1073	0	-	6	1%	1%	0	85	8	8
Cadmium	CD	338	0	-	15	20%	1%	5	45	28	3
Methylene chloride	MTLNCL	1059	0	-	19	23%	1%	5	85	70	7
Nickel	NI	341	0	-	216	47%	1%	100	45	37	2
Bromoform	TBME	780	0	-	3	1%	1%	0	85	4	4
Alkalinity, Bicarbonate	ALKB	31	142,000	-	349,000	100%			30	30	
Alkalinity, Total (as CACO3)	ALK	98	211,000	-	380,000	100%			33	33	
Calcium	CA	53	1,620	-	100,300	100%			35	35	
Chloride	CL	57	8,000	-	32,300	100%			47	47	
Dichloroethene, 1,2- (total)	DCE12TOT	1	43	-	43	100%			1	1	
Magnesium	MG	53	7	-	52,259	100%			35	35	
Methane	CH4	33	0	-	9	100%			33	33	
Potassium	K	55	750	-	360,000	100%			37	37	
Sodium	NA	53	6,070	-	97,150	100%			35	35	
Sulfate	SO4	31	8,780	-	134,000	100%			30	30	
Total Dissolved Solids	TDS	80	130,000	-	500,000	100%			20	20	
Barium	BA	339	0	-	300	96%		2,000	45	45	
Manganese	MN	55	0	-	81	96%			37	36	
Fluoride	F	32	0	-	2,300	94%			30	29	
Zinc	ZN	345	0	-	3,470,454	91%			45	45	
Nitrate	NO3N	30	0	-	6,330	73%			28	22	
Iron	FE	58	0	-	28,227	67%			35	30	
Arsenic	AS	343	0	-	30	62%		50	45	40	
Copper	CU	346	0	-	180	50%		1,300	45	38	
Isopropanol	ISOPROH	139	0	-	41	40%			48	36	
Chromium	CR	343	0	-	39	34%		100	45	37	
Bromide	BR	31	0	-	1,060	32%			30	10	
Selenium	SE	25	0	-	6	24%			15	4	
Chloroform	TCLME	1090	0	-	53	15%			85	21	
Nitrite	NO2N	30	0	-	1,700	13%			28	4	
Toluene	BZME	1282	0	-	40	13%			133	54	
Mercury	HG	340	0	-	1	12%		2	45	24	
Phosphorus, Total Orthophosphate	PORTHO	18	0	-	790	11%		1,000	16	2	

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Parameter	ParLabel	Total Samples[a/]	Range of Detects (µg/L)[b/]			Percentage of Detects	Percentage of Samples with MCL Exceedances	MCL (µg/L)	Number of Wells with Results[c/]	Number of Wells with Detections	Number of Wells with MCL Exceedances
Acetone	ACE	485	0	-	3,610	10%			61	35	
Alkalinity, Carbonate	ALKC	32	0	-	69,000	9%			30	3	
Dichloroethane, 1,2-	DCA12	271	0	-	0	7%			73	16	
Dichloroethene, trans-1,2-	DCE12T	1639	0	-	12	6%			139	10	
Benzene	BZ	337	0	-	2	5%		100	81	10	
Chloromethane	CLME	317	0	-	5	5%			75	7	
Trimethylbenzene, 1,2,4-	TMB124	244	0	-	0	3%			73	7	
Dichloroethene, 1,1-	DCE11	1052	0	-	1	3%			85	13	
Naphthalene	NAPH	769	0	-	1	2%			85	11	
Dichlorodifluoromethane	FC12	782	0	-	2	2%			85	2	
Vinyl chloride	VC	1032	0	-	1	2%			85	11	
Trimethylbenzene, 1,3,5-	TMB135	243	0	-	0	1%			71	3	
Dibromochloromethane	DBCME	1073	0	-	5	1%			85	7	
Styrene	STY	242	0	-	0	1%			73	2	
Isopropyltoluene, 4- (Cymene, p-)	CYMP	244	0	-	0	1%			71	2	
Trichlorobenzene, 1,2,3-	TCB123	244	0	-	0	1%			71	2	
Trichlorobenzene, 1,2,4-	TCB124	245	0	-	0	1%			73	1	
Xylene, o-	XYLO	246	0	-	0	1%			73	2	
Ethylbenzene	EBZ	247	0	-	0	1%			73	2	
Xylene, m,p-	XYLMP	247	0	-	1	1%			73	2	
Bromochloromethane	BRCLME	243	0	-	0	0%			71	1	
Butylbenzene, N-	BTBZN	243	0	-	0	0%			71	1	
Butylbenzene, sec-	BTBZS	243	0	-	0	0%			71	1	
Butylbenzene, tert-	BTBZT	243	0	-	0	0%			71	1	
Chlorotoluene, 2-	CLBZME2	243	0	-	0	0%			71	1	
Chlorotoluene, 4-	CLBZME4	243	0	-	0	0%			71	1	
Dibromomethane	DBMA	243	0	-	0	0%			71	1	
Hexachlorobutadiene	HCBU	243	0	-	0	0%			71	1	
Dichloroethane, 1,1-	DCA11	315	0	-	0	0%			75	1	

[a/] Analytical data analyzed includes sampling results from August 1991 through December 2004.

[b/] µg/L = micrograms per liter.

[c/] Data includes 139 sampling points shown on Table 3.1