

TABLE 3.3
SUMMARY OF OCCURRENCE OF GROUNDWATER CONTAMINANTS OF CONCERN-LGR ZONE MONITORING WELLS
LONG TERM MONITORING OPTIMIZATION
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Parameter	Parameter	Total Samples ^{a/}	Range of Results (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	234	0.0	- 41	57.7%	12.8%	5	17	15	2
Trichloroethene	TCE	234	0.0	- 40	38.0%	12.8%	5	17	12	2
Lead	PB	109	0.0	- 47	45.9%	3.7%	15	17	16	2
Nickel	NI	107	0.0	- 150	72.9%	0.9%	100	17	16	1
Cadmium	CD	109	0.0	- 7.0	23.9%	0.9%	5	17	11	1
Bromoform	TBME	150	0.0	- 0.1	0.7%	0.7%	0	17	1	1
Manganese	MN	27	0.8	- 35	100.0%			17	17	
Magnesium	MG	26	7.0	- 47000	100.0%			16	16	
Sodium	NA	26	6070	- 50000	100.0%			16	16	
Potassium	K	27	1200	- 35810	100.0%			17	17	
Alkalinity, Total (as CaCO ₃)	ALK	25	270000	- 349000	100.0%			10	10	
Alkalinity, Bicarbonate	ALKB	13	142000	- 349000	100.0%			12	12	
Calcium	CA	26	6080	- 100300	100.0%			16	16	
Methane	CH ₄	13	0.2	- 9.2	100.0%			13	13	
Chloride	CL	25	8000	- 21310	100.0%			16	16	
Trichloroethene	TDS	14	310000	- 460000	100.0%			2	2	
Sulfate	SO ₄	17	8780	- 40000	100.0%			16	16	
Barium	BA	107	0.0	- 230	99.1%		2000	17	17	
Zinc	ZN	111	0.0	- 2200	91.0%			17	17	
Fluoride	F	18	0.0	- 2300	88.9%			16	15	
Nitrate	NO ₃ N	17	0.0	- 6330	82.4%			15	14	
Arsenic	AS	110	0.0	- 5.2	72.7%		50	17	17	
Iron	FE	31	0.0	- 28227	58.1%			16	13	
Selenium	SE	4	0.0	- 6.0	50.0%			2	1	
Acetone	ACE	7	0.0	- 3610	42.9%			4	2	
Toluene	BZME	158	0.0	- 40	34.8%		1000	17	16	
Chromium	CR	110	0.0	- 14	33.6%		100	17	14	
Methylene chloride	MTLNCL	228	0.0	- 3.4	32.5%		5	17	17	
Dichloroethene, cis-1,2-	DCE12C	233	0.0	- 54	31.3%		70	17	6	
Bromide	BR	17	0.0	- 240	29.4%			16	5	
Copper	CU	111	0.0	- 110	28.8%		1300	17	14	
Nitrite	NO ₂ N	17	0.0	- 1700	23.5%			15	4	
Chloroform	TMB124	22	0.0	- 0.3	22.7%			16	5	
Dichloroethene, trans-1,2-	DCE12T	232	0.0	- 2.5	16.8%		100	17	4	

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Trichlorobenzene, 1,2,4-	TCLME	227	0.0	- 0.1	9.7%		80	17	2	
Xylene, o-	XYLO	22	0.0	- 0.1	9.1%			16	2	
Trimethylbenzene, 1,3,5-	TMB135	22	0.0	- 0.1	9.1%			16	2	
Phosphorus, Total	PORTHO	11	0.0	- 790	9.1%			9	1	
Mercury	HG	108	0.0	- 0.2	7.4%		2	17	6	
Alkalinity, Carbonate	ALKC	14	0.0	- 69000	7.1%			12	1	
Xylene, m,p-	XYLMP	22	0.0	- 0.3	4.5%			16	1	
Benzene	BZ	23	0.0	- 0.0	4.3%			16	1	
Ethylbenzene	EBZ	23	0.0	- 0.1	4.3%			16	1	
Styrene	STY	23	0.0	- 0.0	4.3%			16	1	
Naphthalene	NAPH	146	0.0	- 0.9	3.4%			17	4	
Vinyl chloride	VC	225	0.0	- 0.1	1.8%		2	17	4	
Dichloroethane, 1,1-	DCE11	227	0.0	- 0.1	1.8%		70	17	4	
Dibromochloromethane	DBCME	227	0.0	- 0.0	0.4%		60	17	1	

^{a/} Analytical data analyzed includes sampling results from August 1991 through December 2004.

^{b/} µg/L = micrograms per liter.

^{c/} Data includes 17 wells classified as "LGR" in Table 3.1.