Table 5-19
TCRA Cap Porewater Sampling Station Summary

Sampling Location	Sampler Type	Northing [a]	Easting
SJCP001	SPME with duplicate	13857780.21	3216901.53
SJCP002	SPME	13857838.69	3216917.73
SJCP003	SPME	13857901.71	3216983.17
SJCP004	SPME	13857934.42	3217168.60
SJCP005	SPME with surface water sampler	13857804.43	3217344.48
SJCP006	SPME	13857725.14	3217213.14
SJCP007	SPME	13857665.34	3217430.25
SJCP008	SPME with surface water sampler	13857526.63	3217245.24
SJCP009	SPME with duplicate	13857491.22	3217460.24
SJCP010	SPME	13857312.91	3217399.63
SJCP011	SPME	13857281.18	3217167.82
SJCP012	SPME	13857163.54	3217315.54
SJCP013	SPME	13857175.07	3217141.57
SJCP014	SPME	13857092.81	3217331.54
SJCPR1 (Interim PRC Sampler)	PRC	13857308.94	3217085.02
SJCPR2 (Interim PRC Sampler)	PRC	13857308.94	3217085.02
SJCR001	PRC with surface water sampler	13857840.37	3216948.94
SJCR002	PRC	13857750.26	3217524.96
SJCR003	PRC	13857456.57	3217192.65
SJCR004	PRC	13857269.30	3217314.90

Notes

a - Horizontal Datum: NAD1983_StatePlane, Texas South Central, FIPS 4204, US feet

PRC = performance reference compounds
SPME = solid-phase microextraction
TCRA = time critical removal action

Table 5-20

TCRA Cap Porewater Sampling Analytical Results

Sampling Location	Sample Code	Sampler Type	Depth Interval (inches)	2,3,7,8 TCDD (pg)		2,3,7,8 TCDF (pg)		^{13}C-2,3,7,8-TCDD (pg)	^{13}C-2,3,7,8-TCDF (pg)
SJCP001	SJCP-001-SP-1-A-DUP	SPME with duplicate	1-3	RS	N/A	RS	N/A	N/A	N/A
SJCP001	SJCP-001-SP-1-B-DUP	SPME with duplicate	4-6	<2.1	UJ	RS	N/A	N/A	N/A
SJCP001	SJCP-001-SP-1-C-DUP	SPME with duplicate	7-9	<1.3	UJ	<1.76	UJ	N/A	N/A
SJCP001	SJCP-001-SP-1-A	SPME	1-3	<1.81	UJ	RS	N/A	N/A	N/A
SJCP001	SJCP-001-SP-1-B	SPME	4-6	<1.26	UJ	RS	N/A	N/A	N/A
SJCP001	SJCP-001-SP-1-C	SPME	7-9	<0.212	U	**2.66**	**U**	N/A	N/A
SJCP002	SJCP-002-SP-1-A	SPME	1-3	<1.14	UJ	RS	N/A	N/A	N/A
SJCP002	SJCP-002-SP-1-B	SPME	4-6	<0.54	U	<1.98	UJ	N/A	N/A
SJCP002	SJCP-002-SP-1-C	SPME	7-9	<1.43	UJ	RS	N/A	N/A	N/A
SJCP003	SJCP-003-SP-1-A	SPME	1-3	<0.351	U	<0.276	U	N/A	N/A
SJCP003	SJCP-003-SP-1-B	SPME	4-6	<0.326	U	<0.294	U	N/A	N/A
SJCP003	SJCP-003-SP-1-C	SPME	7-9	<1.03	UJ	<1.4	UJ	N/A	N/A
SJCP004	SJCP-004-SP-1-A	SPME	1-3	<0.66	U	<0.67	U	N/A	N/A
SJCP004	SJCP-004-SP-1-B	SPME	4-6	<0.62	U	<0.605	U	N/A	N/A
SJCP004	SJCP-004-SP-1-C	SPME	7-9	<0.366	U	<0.266	U	N/A	N/A
SJCP005	SJCP-005-SP-1-A-W	SPME with surface water	5-7	<1.71	UJ	<1.88	UJ	N/A	N/A
SJCP005	SJCP-005-SP-1-A	SPME	1-3	RS	N/A	RS	N/A	N/A	N/A
SJCP005	SJCP-005-SP-1-B	SPME	9-11	<1.12	UJ	<1.12	UJ	N/A	N/A
SJCP005	SJCP-005-SP-1-C	SPME	17-19	RS	N/A	RS	N/A	N/A	N/A
SJCP006	SJCP-006-SP-1-A	SPME	1-3	<1.3	UJ	<1.54	UJ	N/A	N/A
SJCP006	SJCP-006-SP-1-B	SPME	5.3-7.3	<1.99	UJ	RS	N/A	N/A	N/A
SJCP006	SJCP-006-SP-1-C	SPME	9.5-11.5	RS	N/A	RS	N/A	N/A	N/A
SJCP007	SJCP-007-SP-1-A	SPME	1-3	<0.411	U	<0.374	U	N/A	N/A
SJCP007	SJCP-007-SP-1-B	SPME	10-12	<0.214	U	<0.2	U	N/A	N/A
SJCP007	SJCP-007-SP-1-C	SPME	19-21	<0.324	U	<0.214	U	N/A	N/A
SJCP008	SJCP-008-SP-1-A-W	SPME with surface water	5-7	<0.285	U	<0.269	U	N/A	N/A
SJCP008	SJCP-008-SP-1-A	SPME	1-3	<0.321	U	**6.26**	**J**	N/A	N/A
SJCP008	SJCP-008-SP-1-B	SPME	10-12	<1.57	U	**11.8**	**J**	N/A	N/A
SJCP008	SJCP-008-SP-1-C	SPME	19-21	<0.755	UJ	**13.2**	**J**	N/A	N/A
SJCP009	SJCP-009-SP-1-A	SPME	1-3	<0.515	U	<0.439	U	N/A	N/A
SJCP009	SJCP-009-SP-1-B	SPME	10-12	<0.301	U	<0.287	U	N/A	N/A
SJCP009	SJCP-009-SP-1-C	SPME	19-21	<0.3	U	<0.404	U	N/A	N/A
SJCP009	SJCP-009-SP-1-A-DUP	SPME with duplicate	1-3	<0.29	U	<0.148	U	N/A	N/A
SJCP009	SJCP-009-SP-1-B-DUP	SPME with duplicate	10-12	<0.348	U	<0.317	U	N/A	N/A
SJCP009	SJCP-009-SP-1-C-DUP	SPME with duplicate	19-21	<0.344	U	<0.218	U	N/A	N/A
SJCP010	SJCP-010-SP-1-A	SPME	1-3	<0.36	U	<0.318	U	N/A	N/A
SJCP010	SJCP-010-SP-1-B	SPME	10-12	<0.402	U	<0.348	U	N/A	N/A
SJCP010	SJCP-010-SP-1-C	SPME	19-21	<0.352	U	<0.296	U	N/A	N/A
SJCP011	SJCP-0011-SP-1-A	SPME	1-3	<1.14	UJ	RS		N/A	N/A

Table 5-20

TCRA Cap Porewater Sampling Analytical Results

Sampling Location	Sample Code	Sampler Type	Depth Interval (inches)	2,3,7,8 TCDD (pg)		2,3,7,8 TCDF (pg)		^{13}C-2,3,7,8-TCDD (pg)		^{13}C-2,3,7,8-TCDF (pg)	
SJCP011	SJCP-0011-SP-1-B	SPME	4.5-6.5	<0.79	UJ	<0.69	UJ	N/A		N/A	
SJCP011	SJCP-0011-SP-1-C	SPME	8-10	<0.885	UJ	<0.93	UJ	N/A		N/A	
SJCP012	SJCP-012-SP-1-A	SPME	1-3	<0.395	U	<0.29	U	N/A		N/A	
SJCP012	SJCP-012-SP-1-B	SPME	7-9	<0.31	U	<0.203	U	N/A		N/A	
SJCP012	SJCP-012-SP-1-C	SPME	13-15	<0.207	U	<1.2	U	N/A		N/A	
SJCP013	SJCP-013-SP-1-A	SPME	1-3	<0.915	UJ	<1	UJ	N/A		N/A	
SJCP013	SJCP-013-SP-1-B	SPME	10-12	RS	N/A	RS	N/A	N/A		N/A	
SJCP013	SJCP-013-SP-1-C	SPME	19-21	<0.93	UJ	<0.65	UJ	N/A		N/A	
SJCP014	SJCP-014-SP-1-A	SPME	1-3	<0.257	U	<0.204	U	N/A		N/A	
SJCP014	SJCP-014-SP-1-B	SPME	8.5-10.5	<0.26	U	<0.147	U	N/A		N/A	
SJCP014	SJCP-014-SP-1-C	SPME	16-18	<0.28	U	0.179	U	N/A		N/A	
SJCR001	SJCR-001-SP-2-A	PRC with surface water	5-7	N/A		N/A		0	UJ	3.70	J
SJCR001	SJCR-001-SP-2-A	PRC	1-3	N/A		N/A		143.9		119.1	
SJCR001	SJCR-001-SP-2-B	PRC	4-6	N/A		N/A		86.8		65.2	
SJCR001	SJCR-001-SP-2-C	PRC	7-9	N/A		N/A		94.5		76.4	
SJCR002	SJCR-002-SP-2-A	PRC	1-3	N/A		N/A		50.4	J	16.6	J
SJCR002	SJCR-002-SP-2-B	PRC	8-10	N/A		N/A		137.8		126.9	
SJCR002	SJCR-002-SP-2-C	PRC	15-17	N/A		N/A		56.1		34.8	
SJCR003	SJCR-003-SP-2-A	PRC	1-3	N/A		N/A		33.9	J	12.5	J
SJCR003	SJCR-003-SP-2-B	PRC	5.5-7.5	N/A		N/A		57.8		40.7	
SJCR003	SJCR-003-SP-2-C	PRC	10-12	N/A		N/A		66.6		50.3	
SJCR004	SJCR-004-SP-2-A	PRC	1-3	N/A		N/A		87.0		87.5	
SJCR004	SJCR-004-SP-2-B	PRC	7.2-9.2	N/A		N/A		56.2		36.3	
SJCR004	SJCR-004-SP-2-C	PRC	13.5-15.5	N/A		N/A		51.0	J	28.1	J

Notes

Bold text = above PQL/MDL

J = Estimated value
MDL = method detection limit
N/A = not applicable
PRC = performance reference compounds
PQL = practical quantitation limit
RS = rejected due to very low surrogate recoveries (<10%)
SPME = solid-phase microextraction
TCRA = time critical removal action
U = Compound analyzed, but not detected above detection limit
UJ = Compound analyzed, but not detected above estimated detection limit