

## *Tables*

**Table 2-1****Project Chronology**

<b>Date</b>	<b>Activity</b>
02/10/04	Start of building modifications at 6277 Lexington Court
02/10/04	Start of piping installation (surveying, grubbing, etc.)
03/01/04	Start of drilling operation
03/05/04	Completion of drilling of new probes
03/23/04	Completion of security fence
03/29/04	Completion of modification to garage including sound walls
04/06/04	Installation of blowers and GAC units complete
03/25/04	Completion of piping installation
3/25 - 4/5/04	Baseline probe/extraction well sampling
04/06/04	System shakedown test
04/06/04	Phase I System startup
04/06/04	System sampling
04/07/04	System sampling
04/13/04	System sampling
04/16/04	System sampling
4/27 - 4/28/04	System/Probe/Extraction well sampling
05/18/04	Implementation of FWV 077 (Schedule change)
5/18 - 5/19/04	System/Probe/Extraction well sampling
06/14/04	System/Extraction well sampling
06/14/04	Phase I system shutdown
6/15 - 6/18/04	Probe sampling
07/02/04	Round I rebound sampling
07/20/04	Round II rebound sampling
08/04/04	Round III rebound sampling
08/06/04	Implementation of FWV 082 (New well installation)
9/1 - 9/2/04	Probe sampling (new baseline)
09/02/04	Installation of 4 new probes completed (63,64,65, & 66)
09/09/04	Phase II system startup
09/09/04	System sampling
09/12/04	Implementation of FWV 084 (revised operation and sampling schedule)
09/23/04	Probe/System sampling
10/07/04	Probe/System sampling
10/14/04	Probe sampling
10/23/04	Probe sampling
11/08/04	Extraction Well/System sampling
11/08/04	Phase II system shutdown
05/09/05	Implementation of FWV 093 (Additional sampling)
5/24 - 5/25/05	Probe sampling

**Table 2-2**

**SVE Extraction Wells and Probes  
Summary of Completion Depths**

Probe/Well Identification	Date Completed	Probe Type	Completion Depth (feet) BGS <sup>1</sup>	Top of Screen (feet) BGS	Bottom of Screen (feet) BGS
CTP-SGP-51	3/1/2004	Shallow	86	24	26
CTP-SGP-51	3/1/2004	Intermediate	86	54	59
CTP-SGP-51	3/1/2004	Deep	86	79	84
CTP-SGP-52	3/2/2004	Shallow	86	24	30
CTP-SGP-52	3/2/2004	Intermediate	86	54	58
CTP-SGP-52	3/2/2004	Deep	86	79	84
CTP-SGP-53	3/4/2004	Shallow	86	24	29
CTP-SGP-53	3/4/2004	Intermediate	86	54	60
CTP-SGP-53	3/4/2004	Deep	86	80	85
CTP-SGP-54	3/4/2004	Shallow	86	25	30
CTP-SGP-54	3/4/2004	Intermediate	86	55	60
CTP-SGP-54	3/4/2004	Deep	86	80	85
CTP-SGP-55	3/4/2004	Shallow	86	25	30
CTP-SGP-55	3/4/2004	Intermediate	86	55	60
CTP-SGP-55	3/4/2004	Deep	86	80	84
CTP-SGP-56	3/3/2004	Shallow	86	25	29
CTP-SGP-56	3/3/2004	Intermediate	86	55	60
CTP-SGP-56	3/3/2004	Deep	86	80	85
CTP-SGP-57	3/2/2004	Shallow	86	25	30
CTP-SGP-57	3/2/2004	Intermediate	86	55	59
CTP-SGP-57	3/2/2004	Deep	86	80	84
CTP-SGP-58	3/2/2004	Shallow	86	25	29
CTP-SGP-58	3/2/2004	Intermediate	86	55	59
CTP-SGP-58	3/2/2004	Deep	86	80	84
CTP-SGP-59	3/1/2004	Shallow	86	24	30
CTP-SGP-59	3/1/2004	Intermediate	86	54	60
CTP-SGP-59	3/1/2004	Deep	86	80	84
CTP-SGP-60	3/5/2004	Shallow	86	25	30
CTP-SGP-60	3/5/2004	Intermediate	86	55	60
CTP-SGP-60	3/5/2004	Deep	86	80	85
CTP-SGP-61	3/3/2004	Shallow	86	25	29
CTP-SGP-61	3/3/2004	Intermediate	86	55	60
CTP-SGP-61	3/3/2004	Deep	86	80	84
CTP-SGP-62	3/5/2004	Shallow	86	24	28
CTP-SGP-62	3/5/2004	Intermediate	86	54	60
CTP-SGP-62	3/5/2004	Deep	86	79	84
MW-BW-68-A	3/1/2004	Extraction Well	92	60	90
MW-BW-69-A	3/2/2004	Extraction Well	92	60	89
MW-BW-70-A	3/1/2004	Extraction Well	92	60	90
MW-BW-62-A <sup>2</sup>	5/29/2003	Extraction Well	128	57.5	89.5
MW-BW-63-A <sup>2</sup>	6/3/2003	Extraction Well	128	57.5	87.5

<sup>1</sup>Below ground surface

<sup>2</sup>Probe is dual screened; upper screened interval is presented. The lower screened interval extends into the groundwater (approximately 98' bgs), however there is small part of this section (approximately 5-10 feet) that is above the groundwater.

**Table 4-1  
Extraction Well Flow Rates**

Extraction Well <sup>1</sup>	4/7/2004	4/12/2004	4/13/2004	4/14/2004	4/15/2004	4/16/2004	4/22/2004	4/29/2004	6/3/2004	9/14/2004	10/7/2004	10/14/2004	11/2/2004
MW-BW-62-A	183	190	190	195	175	194	189	183	177	182	177	176	100
MW-BW-63-A	155	145	149	153	151	153	151	144	134	133	129	166	57
MW-BW-68-A	175	161	163	161	160	132	155	152	152	152	149	145	236
MW-BW-69-A	168	168	166	166	168	156	169	160	162	155	155	157	228
MW-BW-70-A	127	130	131	128	126	122	114	118	110	120	110	108	96

Notes

<sup>1</sup> Flow rate at extraction wells was measured using a GEM-500™ LFG analyzer

Table 5-1

**Analytical Results  
Carbon Tetrachloride Soil Vapor Extraction System**

	<b>INFLUENT</b>	<b>BETWEEN GAC BEDS</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>
Location:	CTP-INF-056	CTP-MID-057	CTP-EFF-058	CTP-INF-059	CTP-EFF-060	CTP-INF-061	CTP-EFF-062	CTP-INF-063	CTP-EFF-064	CTP-INF-065
Sample Number:	4/6/2004	4/6/2004	4/6/2004	4/7/2004	4/7/2004	4/13/2004	4/13/2004	4/16/2004	4/16/2004	4/27/2004
Date Collected:	0404115	0404115	0404115	0404178	0404178	0404236	0404236	0404344	0404344	0404552
Sample Delivery Group:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
Result Units:	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chloroform, (TO-15)	8.5	<0.82 <sup>1</sup>	<0.84	7.3	<0.76	6.8	<0.79	6.2	<0.79	4.0
Carbon Tetrachloride, (TO-15)	180	<0.82	<0.84	150	<0.76	110	<0.79	85	<0.79	24
Trichloroethene, (TO-15)	7.4	<0.82	<0.84	5.6	<0.76	4.2	<0.79	3.8	<0.79	1.0
Tetrachloroethene, (TO-15)	10	<0.82	<0.84	7.8	<0.76	6.6	<0.79	6.9	<0.79	2.5

Table 5-1

**Analytical Results  
Carbon Tetrachloride Soil Vapor Extraction System**

	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>INFLUENT</b>	<b>BETWEEN GAC BEDS</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>BETWEEN GAC BEDS</b>	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>INFLUENT</b>
Location:	CTP-EFF-066	CTP-INF-082	CTP-INF-107	CTP-MID-108	CTP-EFF-109	CTP-INF-181	CTP-MID-182	CTP-EFF-183	CTP-INF-192	CTP-INF-193
Sample Number:	4/27/2004	5/18/2004	6/14/2004	6/14/2004	6/14/2004	9/9/2004	9/9/2004	9/9/2004	9/23/2004	9/23/2004
Date Collected:	0404552	0405368	0406376	0406376	0406376	0409255	0409255	0409255	0409506	0409506
Sample Delivery Group:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
Result Units:	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chloroform, (TO-15)	<0.76	4.1	4.2	<0.80	<0.80	3.4	<0.80	<0.80	3.9	4.0
Carbon Tetrachloride, (TO-15)	<0.76	7.8	4.7	<0.80	<0.80	5.9	<0.80	<0.80	4.0	4.0
Trichloroethene, (TO-15)	<0.76	0.46J <sup>2</sup>	0.32J	<0.80	<0.80	0.50J	<0.80	<0.80	0.38J	<0.79
Tetrachloroethene, (TO-15)	<0.76	1.8	1.2	<0.80	<0.80	1.5	<0.80	<0.80	1.3	1.2

**Table 5-1**

**Analytical Results  
Carbon Tetrachloride Soil Vapor Extraction System**

	<b>EFFLUENT</b>	<b>INFLUENT</b>	<b>INFLUENT</b>	<b>BETWEEN GAC BEDS</b>	<b>EFFLUENT</b>
Location:	CTP-EFF-194	CTP-INF-200	CTP-INF-207	CTP-MID-208	CTP-EFF-209
Sample Number:	9/23/2004	10/7/2004	11/8/2004	11/8/2004	11/8/2004
Date Collected:	0409506	0410171	0411172	0411172	0411172
Sample Delivery Group:	PPBV	PPBV	PPBV	PPBV	PPBV
Result Units:	Result	Result	Result	Result	Result
Chloroform, (TO-15)	<0.80	2.7	2.1	1.0	<0.84
Carbon Tetrachloride, (TO-15)	<0.80	2.1	1.9	<0.82	<0.84
Trichloroethene, (TO-15)	<0.80	0.14J	<0.82	<0.82	<0.84
Tetrachloroethene, (TO-15)	<0.80	0.71J	0.51J	<0.82	<0.84

Notes:

<sup>1</sup> Non-detectable to the reporting limit specified.

<sup>2</sup> Estimated concentration lower than the reporting limit, and greater than the method detection limit

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-35	CTP-SGP-35	CTP-SGP-37	CTP-SGP-37	CTP-SGP-37	CTP-SGP-37	CTP-SGP-40	CTP-SGP-41	CTP-SGP-42	CTP-SGP-44	CTP-SGP-45
SAMPLE NUMBER:	CTP-35-047	CTP-35-157	CTP-37-048	CTP-37-074	CTP-37-155	CTP-37-156	CTP-40-238	CTP-41-241	CTP-42-240	CTP-44-239	CTP-45-243
SAMPLE DATE:	3/31/2004	6/18/2004	3/31/2004	4/28/2004	6/18/2004	6/18/2004	11/23/2004	11/23/2004	11/23/2004	11/23/2004	11/23/2004
DEPTH OF PROBE:	6	6	6	6	6	6	6	6	6	6	6
PURPOSE:	REG	REG	REG	REG	PRIMARY <sup>4</sup>	FIELD DUP <sup>5</sup>	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.44J <sup>2</sup>	0.080J	1.1	0.26J	0.070J	0.068J	<0.74	0.17J	0.27J	0.58J	0.32J
CARBON TETRACHLORIDE, (TO-15)	8.2	0.54J	13	<0.79	0.093J	0.10J	<0.74	<0.79	<0.74	<0.78	<0.78
TRICHLOROETHENE, (TO-15)	<0.80 <sup>3</sup>	0.15J	<0.82	2.4	0.17J	0.18J	<0.74	<0.79	<0.74	<0.78	<0.78
TETRACHLOROETHENE, (TO-15)	0.54J	0.12J	0.70J	4.0	0.035J	0.16J	0.21J	<0.79	<0.74	<0.78	<0.78
ACETONE <sup>1</sup> , (TO-15)	1.5J	--	1.4J	--	--	--	--	--	--	--	--



Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-48	CTP-SGP-48	CTP-SGP-48	CTP-SGP-49	CTP-SGP-49	CTP-SGP-50	CTP-SGP-50	CTP-SGP-50	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51
SAMPLE NUMBER:	CTP-48-049	CTP-48-073	CTP-48-154	CTP-49-075	CTP-49-158	CTP-50-072	CTP-50-153	CTP-50-269	CTP-51-031	CTP-51-032	CTP-51-033
SAMPLE DATE:	3/31/2004	4/28/2004	6/18/2004	4/28/2004	6/18/2004	4/28/2004	6/18/2004	5/25/2005	3/30/2004	3/30/2004	3/30/2004
DEPTH OF PROBE:	6	6	6	6	6	6	6	6	30	60	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	SHALLOW	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	3.5	0.49J	0.65J	<0.79	<0.82	0.26J	0.23J	<0.82	0.28J	0.63J	1
CARBON TETRACHLORIDE, (TO-15)	11	0.28J	0.21J	0.17J	0.22J	0.20J	0.13J	<0.82	7.2	22	31
TRICHLOROETHENE, (TO-15)	<0.84	<0.79	<0.82	<0.79	<0.82	<0.78	0.069J	<0.82	<0.80	<0.82	0.41J
TETRACHLOROETHENE, (TO-15)	0.46J	<0.79	0.064J	<0.79	0.070J	<0.78	0.079J	<0.82	0.18J	0.53J	0.72J
ACETONE <sup>1</sup> , (TO-15)	1.5J	--	--	--	--	--	--	--	3.7	1.5J	1.1J

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-51	CTP-SGP-52	CTP-SGP-52
SAMPLE NUMBER:	CTP-51-092	CTP-51-093	CTP-51-127	CTP-51-128	CTP-51-129	CTP-51-228	CTP-51-229	CTP-51-255	CTP-51-256	CTP-52-044	CTP-52-046
SAMPLE DATE:	5/18/2004	5/18/2004	6/16/2004	6/16/2004	6/16/2004	11/22/2004	11/22/2004	5/24/2005	5/24/2005	3/31/2004	3/31/2004
DEPTH OF PROBE:	30	85	30	60	85	30	85	30	85	30	60
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.34J	0.33J	0.17J	0.12J	0.24J	<0.80	0.18J	<0.80	<0.79	2.7	5.4
CARBON TETRACHLORIDE, (TO-15)	0.091J	1.0	0.082J	0.084J	0.55J	<0.80	0.27J	<0.80	0.66J	39	180
TRICHLOROETHENE, (TO-15)	<0.80	<0.79	<0.84	0.089J	0.15J	<0.80	<0.79	<0.80	<0.79	0.16J	0.52J
TETRACHLOROETHENE, (TO-15)	<0.80	<0.79	<0.84	0.048J	0.076J	<0.80	<0.79	<0.80	<0.79	0.95	3.1
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	6.7	8.5

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52	CTP-SGP-52
SAMPLE NUMBER:	CTP-52-045	CTP-52-094	CTP-52-095	CTP-52-130	CTP-52-131	CTP-52-132	CTP-52-133	CTP-52-176	CTP-52-188	CTP-52-230	CTP-52-231
SAMPLE DATE:	3/31/2004	5/19/2004	5/19/2004	6/16/2004	6/16/2004	6/16/2004	6/16/2004	9/2/2004	9/23/2004	11/22/2004	11/22/2004
DEPTH OF PROBE:	85	30	85	30	60	85	85	85	85	30	85
PURPOSE:	REG	REG	REG	REG	REG	PRIMARY	FIELD DUP	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	8.8	1.4	2.8	0.64J	2.2	1.9	2.0	1.8	2.1	0.27J	2.5
CARBON TETRACHLORIDE, (TO-15)	290	0.43J	10	0.18J	0.68J	2.9	3.4	5.6	2.7	0.14J	0.62J
TRICHLOROETHENE, (TO-15)	0.95	<0.80	<0.80	<0.82	0.28J	0.14J	<0.76	<0.82	<0.76	<0.80	<0.79
TETRACHLOROETHENE, (TO-15)	5.2	0.21J	<0.80	0.14J	0.29J	0.28J	0.28J	0.44J	0.28J	<0.80	<0.79
ACETONE <sup>1</sup> , (TO-15)	8.8	--	--	--	--	--	--	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-52	CTP-SGP-52	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53
SAMPLE NUMBER:	CTP-52-253	CTP-52-254	CTP-53-040	CTP-53-041	CTP-53-042	CTP-53-043	CTP-53-090	CTP-53-091	CTP-53-134	CTP-53-135	CTP-53-136
SAMPLE DATE:	5/24/2005	5/24/2005	3/31/2004	3/31/2004	3/31/2004	3/31/2004	5/18/2004	5/18/2004	6/16/2004	6/16/2004	6/16/2004
DEPTH OF PROBE:	30	85	30	60	85	85	30	85	30	60	85
PURPOSE:	REG	REG	REG	REG	PRIMARY	FIELD DUP	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.62J	2.0	3.5	5.1	5	5.5	0.88	4.0	0.94	9.1	3.8
CARBON TETRACHLORIDE, (TO-15)	0.32J	5.0	24	64	70	78	0.18J	27	<0.84	0.22J	16
TRICHLOROETHENE, (TO-15)	<0.79	<0.80	0.24J	0.35J	0.19J	0.20J	<0.80	<0.80	<0.84	<0.86	<0.86
TETRACHLOROETHENE, (TO-15)	<0.79	0.42J	0.74J	1.7	1.8	2.1	<0.80	0.84	<0.84	<0.86	0.53J
ACETONE <sup>1</sup> , (TO-15)	--	--	25	110	8.8	5.2	--	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-53	CTP-SGP-54	CTP-SGP-54	CTP-SGP-54	CTP-SGP-54	CTP-SGP-54
SAMPLE NUMBER:	CTP-53-175	CTP-53-187	CTP-53-232	CTP-53-233	CTP-53-251	CTP-53-252	CTP-54-037	CTP-54-038	CTP-54-039	CTP-54-088	CTP-54-089
SAMPLE DATE:	9/2/2004	9/23/2004	11/22/2004	11/22/2004	5/24/2005	5/24/2005	3/31/2004	3/31/2004	3/31/2004	5/18/2004	5/18/2004
DEPTH OF PROBE:	85	85	30	85	30	85	30	60	85	30	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	4.4	4.5	1.2	2.9	2.8	2.2	2.3	4	5	1.2	1.2
CARBON TETRACHLORIDE, (TO-15)	12	14	0.11J	6.8	0.79	5.2	8.2	41	57	<0.80	3.2
TRICHLOROETHENE, (TO-15)	<0.80	<0.73	<0.79	<0.79	<0.78	<0.78	<0.80	<0.79	<0.80	<0.80	<0.79
TETRACHLOROETHENE, (TO-15)	0.49J	0.54J	<0.79	0.24J	<0.78	0.34J	1.8	3.9	4.8	0.30J	3.8
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	78	17	71	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-54	CTP-SGP-54	CTP-SGP-54	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55
SAMPLE NUMBER:	CTP-54-137	CTP-54-138	CTP-54-139	CTP-55-028	CTP-55-029	CTP-55-030	CTP-55-140	CTP-55-141	CTP-55-142	CTP-55-143	CTP-55-160
SAMPLE DATE	6/16/2004	6/16/2004	6/16/2004	3/30/2004	3/30/2004	3/30/2004	6/17/2004	6/17/2004	6/17/2004	6/17/2004	7/2/2004
DEPTH OF PROBE:	30	60	85	30	60	85	30	30	60	85	85
PURPOSE:	REG	REG	REG	REG	REG	REG	PRIMARY	FIELD DUP	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	1.1	1.6	0.86	2.6	7.6	10	0.49J	0.40J	0.77J	4.6	6.3
CARBON TETRACHLORIDE, (TO-15)	<0.82	0.22J	2.2	47	140	180	0.18J	<0.86	<0.86	24	37
TRICHLOROETHENE, (TO-15)	<0.82	<0.84	<0.82	0.80J	3.2	4.3	<0.84	0.56J	<0.86	0.78J	1.2
TETRACHLOROETHENE, (TO-15)	<0.82	2.4	2.8	2.6	6.9	8.5	<0.84	<0.86	0.22J	3.1	4.3
ACETONE <sup>1</sup> , (TO-15)	--	--	--	7.4	15	3.7	--	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55	CTP-SGP-55
SAMPLE NUMBER:	CTP-55-162	CTP-55-163	CTP-55-179	CTP-55-180	CTP-55-184	CTP-55-197	CTP-55-203	CTP-55-234	CTP-55-235	CTP-55-263	CTP-55-264
SAMPLE DATE:	7/20/2004	8/4/2004	9/2/2004	9/2/2004	9/23/2004	10/7/2004	10/14/2004	11/22/2004	11/22/2004	5/25/2005	5/25/2005
DEPTH OF PROBE:	85	85	85	85	85	85	85	30	85	30	85
PURPOSE:	REG	REG	PRIMARY	FIELD DUP	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	6.2	6.2	4.9	5.1	4.3	1.8	3.5	1.2	3.3	0.67J	2.6
CARBON TETRACHLORIDE, (TO-15)	37	35	25	26	20	6.7	11	0.14J	9.2	0.63J	8.2
TRICHLOROETHENE, (TO-15)	1.3	1.3	0.94	1.0	0.69J	<0.80	0.35J	<0.79	0.33J	<0.86	0.55J
TETRACHLOROETHENE, (TO-15)	4.5	4.8	3.5	3.5	3.4	1.1	2.7	0.22J	2.2	<0.86	2.1
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56
SAMPLE NUMBER:	CTP-56-025	CTP-56-026	CTP-56-027	CTP-56-096	CTP-56-097	CTP-56-144	CTP-56-145	CTP-56-146	CTP-56-178	CTP-56-185	CTP-56-198
SAMPLE DATE:	3/30/2004	3/30/2004	3/30/2004	5/19/2004	5/19/2004	6/17/2004	6/17/2004	6/17/2004	9/2/2004	9/23/2004	10/7/2004
DEPTH OF PROBE:	30	60	85	30	85	30	60	85	85	85	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	PRIMARY
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.9	2.9	3.8	5.8	3.6	0.20J	0.19J	2.1	2.0	2.0	1.8
CARBON TETRACHLORIDE, (TO-15)	16	59	77	0.13J	27	<0.84	<0.84	10	9.0	9.4	6.7
TRICHLOROETHENE, (TO-15)	<0.86	1.2	1.2	<0.80	2.5	<0.84	<0.84	0.33J	<0.82	0.46J	0.18J
TETRACHLOROETHENE, (TO-15)	1.4	4.6	6.4	<0.80	0.55J	<0.84	0.17J	1.3	1.4	1.3	1
ACETONE <sup>1</sup> , (TO-15)	3.4	12	6	--	--	--	--	--	--	--	--



Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-56	CTP-SGP-57	CTP-SGP-57	CTP-SGP-57	CTP-SGP-57	CTP-SGP-57
SAMPLE NUMBER:	CTP-56-199	CTP-56-204	CTP-56-236	CTP-56-237	CTP-56-267	CTP-56-268	CTP-57-022	CTP-57-023	CTP-57-024	CTP-57-098	CTP-57-099
SAMPLE DATE:	10/7/2004	10/14/2004	11/22/2004	11/22/2004	5/25/2005	5/25/2005	3/29/2004	3/29/2004	3/29/2004	5/19/2004	5/19/2004
DEPTH OF PROBE:	85	85	30	85	30	85	30	60	85	30	85
PURPOSE:	FIELD DUP	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	2.8	2.2	0.23J	1.7	<0.84	1.1	6.6	4.6	4.2	1.1	4.2
CARBON TETRACHLORIDE, (TO-15)	9.4	7.2	<0.78	4.4	<0.84	3.8	5.3	51	58	0.10J	4.4
TRICHLOROETHENE, (TO-15)	0.33J	<0.82	<0.78	<0.78	<0.84	<0.79	<0.84	0.8	1.3	<0.78	<0.80
TETRACHLOROETHENE, (TO-15)	2.2	1.2	<0.78	0.87	<0.84	0.96	5.3	35	39	0.43J	36
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	7.5	14	3.3	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-57	CTP-SGP-57	CTP-SGP-57	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58
SAMPLE NUMBER:	CTP-57-150	CTP-57-151	CTP-57-152	CTP-58-019	CTP-58-020	CTP-58-021	CTP-58-102	CTP-58-103	CTP-58-118	CTP-58-119	CTP-58-120
SAMPLE DATE:	6/17/2004	6/17/2004	6/17/2004	3/29/2004	3/29/2004	3/29/2004	5/19/2004	5/19/2004	6/15/2004	6/15/2004	6/15/2004
DEPTH OF PROBE:	30	60	85	30	60	85	30	85	30	60	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	2.1	19	3.6	0.76J	1.8	2.4	<0.78	1.0	0.83J	<0.84	0.80J
CARBON TETRACHLORIDE, (TO-15)	0.10J	0.084J	1.6	19	35	43	0.12J	0.54J	0.090J	0.13J	0.26J
TRICHLOROETHENE, (TO-15)	0.12J	0.18J	0.084J	0.69J	2.1	3.3	<0.78	<0.78	<0.84	<0.84	<0.86
TETRACHLOROETHENE, (TO-15)	0.37J	0.36J	24	9.6	19	26	<0.78	12	<0.84	0.63J	6.8
ACETONE <sup>1</sup> , (TO-15)	--	--	--	26	25	2.6J	--	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-58	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59
SAMPLE NUMBER:	CTP-58-224	CTP-58-225	CTP-58-257	CTP-58-258	CTP-59-010	CTP-59-011	CTP-59-012	CTP-59-100	CTP-59-101	CTP-59-121	CTP-59-122
SAMPLE DATE:	11/18/2004	11/18/2004	5/24/2005	5/24/2005	3/25/2004	3/25/2004	3/25/2004	5/19/2004	5/19/2004	6/15/2004	6/15/2004
DEPTH OF PROBE:	60	85	30	85	30	60	85	30	85	30	60
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.29J	0.40J	0.32J	0.31J	0.95	3.2	3.9	<0.78	2.1	<0.82	0.99
CARBON TETRACHLORIDE, (TO-15)	<0.86	<0.76	<0.80	<0.82	7.4	28	30	0.086J	2.7	0.12J	0.25J
TRICHLOROETHENE, (TO-15)	<0.86	<0.76	<0.80	<0.82	3.8	9.6	10	0.30J	2.0	<0.82	1.0
TETRACHLOROETHENE, (TO-15)	<0.86	3.6	6.9	4.6	0.75J	2.7	3.1	<0.78	0.74J	<0.82	0.22J
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	30	14	6.5	--	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-59	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60
SAMPLE NUMBER:	CTP-59-123	CTP-59-222	CTP-59-223	CTP-59-259	CTP-59-260	CTP-60-013	CTP-60-014	CTP-60-015	CTP-60-104	CTP-60-105	CTP-60-106
SAMPLE DATE:	6/15/2004	11/18/2004	11/18/2004	5/24/2005	5/24/2005	3/29/2004	3/29/2004	3/29/2004	5/19/2004	5/19/2004	5/19/2004
DEPTH OF PROBE:	85	30	85	30	85	30	60	85	30	85	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	PRIMARY	FIELD DUP
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	1.7	0.40J	1.1	0.25J	0.92	0.73J	2	2.9	0.63J	0.95	1.0
CARBON TETRACHLORIDE, (TO-15)	1.4	0.076J	0.47J	<0.80	0.44J	10	26	35	0.20J	1.5	1.6
TRICHLOROETHENE, (TO-15)	1.4	0.30J	0.65J	1.3	1.5	0.34J	1.5	2.6	<0.79	0.21J	0.16J
TETRACHLOROETHENE, (TO-15)	0.57J	<0.72	0.35J	<0.80	0.37J	0.46J	1.1	1.4	<0.79	0.54J	0.45J
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	40	13	24	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-60	CTP-SGP-61	CTP-SGP-61	CTP-SGP-61	CTP-SGP-61
SAMPLE NUMBER:	CTP-60-124	CTP-60-125	CTP-60-126	CTP-60-226	CTP-60-227	CTP-60-261	CTP-60-262	CTP-61-016	CTP-61-017	CTP-61-018	CTP-61-076
SAMPLE DATE:	6/15/2004	6/15/2004	6/15/2004	11/18/2004	11/18/2004	5/24/2005	5/24/2005	3/29/2004	3/29/2004	3/29/2004	4/28/2004
DEPTH OF PROBE:	30	60	85	30	85	30	85	30	60	85	30
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	PERIMETER	INTERIOR	INTERIOR	INTERIOR	INTERIOR
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.28J	0.41J	0.66J	0.34J	0.27J	0.30J	0.52J	1.1	9.8	8.2	4.7
CARBON TETRACHLORIDE, (TO-15)	0.13J	0.093J	0.68J	<0.74	0.36J	<0.80	0.78J	26	200	180	11
TRICHLOROETHENE, (TO-15)	<0.84	<0.82	0.45	<0.74	<0.76	<0.80	<0.82	0.93	13	11	2.8
TETRACHLOROETHENE, (TO-15)	<0.84	<0.82	0.15	<0.74	<0.76	<0.80	<0.82	2.6	16	14	9.4
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	6.1	56	15	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-61	CTP-SGP-61	CTP-SGP-61	CTP-SGP-61	CTP-SGP-61	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62
SAMPLE NUMBER:	CTP-61-077	CTP-61-078	CTP-61-115	CTP-61-116	CTP-61-117	CTP-62-034	CTP-62-035	CTP-62-036	CTP-62-079	CTP-62-080	CTP-62-081
SAMPLE DATE	4/28/2004	4/28/2004	6/15/2004	6/15/2004	6/15/2004	3/30/2004	3/30/2004	3/30/2004	4/28/2004	4/28/2004	4/28/2004
DEPTH OF PROBE:	60	85	30	60	85	30	60	85	30	60	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.48J	2.4	0.40J	0.37J	0.15J	6.2	10	11	0.36J	3.5	8.6
CARBON TETRACHLORIDE, (TO-15)	0.46J	1.7	0.12J	0.32J	0.20J	67	230	260	0.44J	1.2	31
TRICHLOROETHENE, (TO-15)	<0.80	0.65J	0.32J	<0.84	<0.84	0.56J	3.7	5.2	<0.80	<0.82	1.4
TETRACHLOROETHENE, (TO-15)	0.26J	1.9	<0.84	1.1	0.20J	2.4	7	8	0.40J	0.68J	2.8
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	2.7J	21	4.7	--	--	--

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62	CTP-SGP-62
SAMPLE NUMBER:	CTP-62-147	CTP-62-148	CTP-62-149	CTP-62-159	CTP-62-161	CTP-62-164	CTP-62-177	CTP-62-186	CTP-62-265	CTP-62-266	CTP-63-172	
SAMPLE DATE:	6/17/2004	6/17/2004	6/17/2004	7/2/2004	7/20/2004	8/4/2004	9/2/2004	9/23/2004	5/25/2005	5/25/2005	9/2/2004	
DEPTH OF PROBE:	30	60	85	85	85	85	85	85	30	85	30	
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	
TYPE:	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	NEW PROBE	
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.61J	0.81J	1.2	1.7	2.3	2.8	2.9	2.5	3.7	2.5	0.12J	
CARBON TETRACHLORIDE, (TO-15)	0.27J	0.35J	0.63J	3.5	7.6	10	11	0.68J	0.70J	3.1	1.1	
TRICHLOROETHENE, (TO-15)	0.071J	0.098J	0.39J	0.46J	0.44J	<0.74	0.78J	<0.76	<0.86	0.36J	<0.79	
TETRACHLOROETHENE, (TO-15)	0.19J	0.26J	0.40J	0.51J	0.70J	1.1	0.90	0.37J	<0.86	0.83J	<0.79	
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	--	--	

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-63	CTP-SGP-64
SAMPLE NUMBER:	CTP-63-173	CTP-63-174	CTP-63-189	CTP-63-195	CTP-63-201	CTP-63-205	CTP-63-215	CTP-63-216	CTP-63-244	CTP-63-245	CTP-64-165
SAMPLE DATE:	9/2/2004	9/2/2004	9/23/2004	10/7/2004	10/14/2004	10/22/2004	11/17/2004	11/17/2004	5/24/2005	5/24/2005	9/1/2004
DEPTH OF PROBE:	60	85	85	85	85	85	30	85	30	85	30
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	0.24J	0.98	1.4	1.1	1.2	1	0.15J	1.1	<0.80	0.99	0.19J
CARBON TETRACHLORIDE, (TO-15)	3.1	33	42	29	34	26	0.44J	25	0.72J	24	0.36J
TRICHLOROETHENE, (TO-15)	<0.80	0.38J	0.64J	0.38J	0.54J	0.43J	<0.78	0.38J	<0.80	<0.84	<0.76
TETRACHLOROETHENE, (TO-15)	<0.80	0.49J	0.71J	0.48J	0.63J	0.47J	<0.78	0.55J	<0.80	0.53J	<0.76
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	--	--



Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-64	CTP-SGP-65	CTP-SGP-65
SAMPLE NUMBER:	CTP-64-166	CTP-64-167	CTP-64-190	CTP-64-219	CTP-64-220	CTP-64-221	CTP-64-246	CTP-64-247	CTP-64-248	CTP-65-168	CTP-65-170	
SAMPLE DATE:	9/1/2004	9/1/2004	9/23/2004	11/17/2004	11/17/2004	11/17/2004	5/24/2005	5/24/2005	5/24/2005	9/1/2004	9/1/2004	
DEPTH OF PROBE:	60	85	85	30	85	85	30	85	85	30	60	
PURPOSE:	REG	REG	REG	REG	PRIMARY	FIELD DUP	REG	PRIMARY	FIELD DUP	REG	REG	
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	
TYPE:	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
CHLOROFORM, (TO-15)	0.14J	0.21J	0.18J	<0.84	0.17J	0.16J	<0.80	<0.84	<0.84	0.96	1.2	
CARBON TETRACHLORIDE, (TO-15)	1.8	4.8	3.4	0.097J	2.6	2.6	<0.80	2.2	2.3	2.9	17	
TRICHLOROETHENE, (TO-15)	0.17J	<0.74	<0.88	<0.84	0.29J	<0.84	<0.80	<0.84	<0.84	<0.76	<0.80	
TETRACHLOROETHENE, (TO-15)	<0.79	<0.74	<0.88	<0.84	<0.82	<0.84	<0.80	<0.84	<0.84	0.16J	0.30J	
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	--	--	

Table 5-2A

**Analytical Results  
Monitoring Probes  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-65	CTP-SGP-66
SAMPLE NUMBER:	CTP-65-169	CTP-65-191	CTP-65-196	CTP-65-202	CTP-65-206	CTP-65-217	CTP-65-218	CTP-65-249	CTP-65-250	CTP-66-171
SAMPLE DATE	9/1/2004	9/23/2004	10/7/2004	10/14/2004	10/22/2004	11/17/2004	11/17/2004	5/24/2005	5/24/2005	9/2/2004
DEPTH OF PROBE:	85	85	85	85	85	30	85	30	85	85
PURPOSE:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE	NEW PROBE
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	1.6	1.8	1.4	1.7	1.3	0.87	1.3	0.67J	1.0	<0.79
CARBON TETRACHLORIDE, (TO-15)	27	34	24	31	22	1.0	22	2.0	17	<0.79
TRICHLOROETHENE, (TO-15)	<0.76	<0.88	<0.80	<0.82	<0.84	<0.76	<0.84	<0.82	<0.82	<0.79
TETRACHLOROETHENE, (TO-15)	0.39J	0.60J	0.48J	0.47J	0.37J	<0.76	0.36J	<0.82	<0.82	<0.79
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	--	--	--	--	--	--

Notes:

<sup>1</sup> Acetone was added to the list of analytes for samples collected 03-25 - 03-31, 2004 to provide data for the OU CTP RI/FS.

<sup>2</sup> Estimated concentration lower then the reporting limit, and greater then the method detection limit

<sup>3</sup> Non-detectable to the reporting limit specified.

<sup>4</sup> Primary of field duplicate pair.

<sup>5</sup> Field duplicate of the primary sample collected.

Table 5-2B

**Analytical Results  
Extraction Wells  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	MW-BW-62-A	MW-BW-62-A	MW-BW-62-A	MW-BW-62-A	MW-BW-62-A	MW-BW-63-A	MW-BW-63-A
SAMPLE NUMBER:	CTP-MW-62-050	CTP-MW-62-067	CTP-MW-62-083	CTP-MW-62-110	CTP-MW-62-210	CTP-MW-63-052	CTP-MW-63-053
SAMPLE DATE	4/1/2004	4/28/2004	5/18/2004	6/14/2004	11/8/2004	4/1/2004	4/1/2004
DEPTH OF PROBE:	92	92	92	92	92	92	92
PURPOSE:	REG	REG	REG	REG	REG	PRIMARY <sup>4</sup>	FIELD DUP <sup>5</sup>
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL
	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	6.2	3.9	4.1	4.1	0.69J	7.7	8.2
CARBON TETRACHLORIDE, (TO-15)	140	20	7.5	4.9	<0.82 <sup>3</sup>	200	210
TRICHLOROETHENE, (TO-15)	4.7	0.98	0.58J <sup>2</sup>	0.31J	0.17J	7.4	7.4
TETRACHLOROETHENE, (TO-15)	7.4	2.5	2.3	2.7	0.27J	14	14
ACETONE <sup>1</sup> , (TO-15)	10	--	--	--	--	17	21

Table 5-2B

**Analytical Results  
Extraction Wells  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	MW-BW-63-A	MW-BW-63-A	MW-BW-63-A	MW-BW-63-A	MW-BW-68-A	MW-BW-68-A	MW-BW-68-A
SAMPLE NUMBER:	CTP-MW-63-069	CTP-MW-63-085	CTP-MW-63-112	CTP-MW-63-212	CTP-MW-68-054	CTP-MW-68-070	CTP-MW-68-086
SAMPLE DATE	4/28/2004	5/18/2004	6/14/2004	11/8/2004	4/1/2004	4/28/2004	5/18/2004
DEPTH OF PROBE:	92	92	92	92	92	92	92
PURPOSE:	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL
	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	8.2	8.4	9.1	1.9	2.8	2.7	2.1
CARBON TETRACHLORIDE, (TO-15)	38	14	10	0.72J	120	21	5.9
TRICHLOROETHENE, (TO-15)	0.48J	0.30J	0.78J	<0.82	0.88	0.52J	<0.79
TETRACHLOROETHENE, (TO-15)	2.3	1.5	1.1	1.3	2.7	1.0	0.44J
ACETONE <sup>1</sup> , (TO-15)	--	--	--	--	15	--	--

Table 5-2B

**Analytical Results  
Extraction Wells  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	MW-BW-68-A	MW-BW-68-A	MW-BW-69-A	MW-BW-69-A	MW-BW-69-A	MW-BW-69-A	MW-BW-69-A
SAMPLE NUMBER:	CTP-MW-68-113	CTP-MW-68-213	CTP-MW-69-055	CTP-MW-69-071	CTP-MW-69-087	CTP-MW-69-114	CTP-MW-69-214
SAMPLE DATE	6/14/2004	11/8/2004	4/1/2004	4/28/2004	5/18/2004	6/14/2004	11/8/2004
DEPTH OF PROBE:	92	92	92	92	92	92	92
PURPOSE:	REG	REG	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL
	Result	Result	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	1.9	3.9	10	9.5	12	12	5.0
CARBON TETRACHLORIDE, (TO-15)	3.7	3.6	190	31	9.5	7.2	0.86
TRICHLOROETHENE, (TO-15)	<0.76	<0.80	0.73	0.41J	<0.80	<0.76	<0.84
TETRACHLOROETHENE, (TO-15)	0.26J	0.58J	5	2.1	1.0	1.7	0.32J
ACETONE <sup>1</sup> , (TO-15)	--	--	40	--	--	--	--

**Table 5-2B**

**Analytical Results  
Extraction Wells  
Carbon Tetrachloride Soil Vapor Extraction System**

LOCATION:	MW-BW-70-A	MW-BW-70-A	MW-BW-70-A	MW-BW-70-A	MW-BW-70-A
SAMPLE NUMBER:	CTP-MW-70-051	CTP-MW-70-068	CTP-MW-70-084	CTP-MW-70-111	CTP-MW-70-211
SAMPLE DATE	4/1/2004	4/28/2004	5/18/2004	6/14/2004	11/8/2004
DEPTH OF PROBE:	92	92	92	92	92
PURPOSE:	REG	REG	REG	REG	REG
UNITS:	PPBV	PPBV	PPBV	PPBV	PPBV
TYPE:	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL	EXTRACTION WELL
	Result	Result	Result	Result	Result
CHLOROFORM, (TO-15)	2.4	4.2	5	5.2	2.6
CARBON TETRACHLORIDE, (TO-15)	84	15	3.1	1.9	<0.80
TRICHLOROETHENE, (TO-15)	2	0.93	<0.82	<0.78	<0.80
TETRACHLOROETHENE, (TO-15)	18	8.5	6.4	3.8	1.0
ACETONE <sup>1</sup> , (TO-15)	20	--	--	--	--

Notes:

<sup>1</sup> Acetone was added to the list of analytes for samples collected 03-25 - 03-31, 2004 to provide data for the OU CTP RI/FS.

<sup>2</sup> Estimated concentration lower then the reporting limit, and greater then the method detection limit

<sup>3</sup> Non-detectable to the reporting limit specified.

<sup>4</sup> Primary of field duplicate pair.

<sup>5</sup> Field duplicate of the primary sample collected.

Table 5-3

Comparison Carbon Tetrachloride Concentrations  
May 2005 and Previous Sampling Events

PROBE ID	PROBE TYPE	DEPTH (ft)	Carbon Tetrachloride Concentration (ppbv)				Difference since last sampled (ppbv)
			Sampling Events				
			Jun-04	Sep-04	Nov-04	May-05	
CTP-SGP-50	SURFACE	6	0.13J			<0.82	NC
CTP-SGP-51	SHALLOW	30			<0.8	<0.8	NC
CTP-SGP-52	SHALLOW	30			0.14J	0.32J	0.18
CTP-SGP-53	SHALLOW	30			0.11J	0.79	0.68
CTP-SGP-55	SHALLOW	30			0.14J	0.63J	0.49
CTP-SGP-56	SHALLOW	30			<0.78	<0.84	NC
CTP-SGP-58	SHALLOW	30			<0.86	<0.8	NC
CTP-SGP-59	SHALLOW	30			0.076J	<0.8	NC
CTP-SGP-60	SHALLOW	30			<0.74	<0.8	NC
CTP-SGP-62	SHALLOW	30	0.27J			0.70J	0.43
CTP-SGP-63	SHALLOW	30			0.44J	0.72J	0.28
CTP-SGP-64	SHALLOW	30			0.097J	<0.8	NC
CTP-SGP-65	SHALLOW	30			1	2	1
CTP-SGP-51	DEEP	85			0.27J	0.66J	0.39
CTP-SGP-52	DEEP	85			0.62J	5	4.38
CTP-SGP-53	DEEP	85			6.8	5.2	-1.6
CTP-SGP-55	DEEP	85			9.2	8.2	-1
CTP-SGP-56	DEEP	85			4.4	3.8	-0.6
CTP-SGP-58	DEEP	85			<0.76	<0.82	NC
CTP-SGP-59	DEEP	85			0.47J	0.44J	-0.03
CTP-SGP-60	DEEP	85			0.36J	0.78J	0.42
CTP-SGP-62	DEEP	85		0.68J		3.1	2.42
CTP-SGP-63	DEEP	85			25	24	-1
CTP-SGP-64	DEEP	85			2.6	2.2	-0.4
CTP-SGP-65	DEEP	85			22	17	-5

NC: Difference not calculated for not-detected data

**Table 6-1  
Carbon Tetrachloride Mass Estimates for Impacted Soil**

**Volume and Mass Estimates Pre-Phase 1 (with control points<sup>3</sup>) Using Shaw and Mactec Analytical Results**

<b>ANALYTE</b>	<b>CONTOUR CONCENTRATION (ppbv)</b>	<b>CONTOUR CONCENTRATION<sup>1</sup> (ug/L)</b>	<b>POROSITY<sup>2</sup></b>	<b>SOIL VOLUME (CU FT)</b>	<b>CHEMICAL MASS ENCLOSED BY CONTOUR (LBS)</b>	<b>AVERAGE CONCENTRATION<sup>5</sup> (ug/L)</b>
Carbon Tetrachloride	1	0.0064	0.3	69,895,900	0.325	0.248416
Carbon Tetrachloride	20	0.1279	0.3	27,767,800	0.296	0.57008
Carbon Tetrachloride	100	0.6394	0.3	9,106,290	0.185	1.08382
Carbon Tetrachloride	200	1.2789	0.3	2,559,600	0.073	1.51494

**Volume and Mass Estimates Post-Phase 1 (without control points<sup>4</sup>) Using Shaw Analytical Results**

<b>ANALYTE</b>	<b>CONTOUR CONCENTRATION (ppbv)</b>	<b>CONTOUR CONCENTRATION<sup>1</sup> (ug/L)</b>	<b>POROSITY</b>	<b>SOIL VOLUME (CU FT)</b>	<b>CHEMICAL MASS ENCLOSED BY CONTOUR (LBS)</b>	<b>AVERAGE CONCENTRATION (ug/L)</b>
Carbon Tetrachloride	1	0.0064	0.3	18,052,410	0.00583528	0.0173
Carbon Tetrachloride	5	0.0320	0.3	1,855,074	0.00164385	0.0473
Carbon Tetrachloride	10	0.0639	0.3	233,086	0.00034219	0.0784
Carbon Tetrachloride	15	0.0959	0.3	26,498	0.00005319	0.1072
Carbon Tetrachloride	20	0.1279	0.3	910	0.00000225	0.1320

Notes:

<sup>1</sup> ppbv concentration values required conversion to ug/L in order to determine mass

<sup>2</sup> Porosity value is assumed

<sup>3</sup> Pre-Phase I required control points with an assigned concentration of 1 ppbv to constrain the interpolation/extrapolation of the soil volume. These points were strategically located around the impacted soil volume to present the 1-ppbv contour.

<sup>4</sup> Post-Phase I did not require control points since concentrations had been reduced significantly. The 1-ppbv contour was delineated by the existing sampling points.

<sup>5</sup> Average concentration for any soil that exceeded the contour concentration value presented