

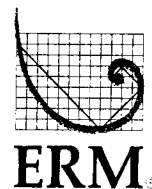
**Environmental  
Resources  
Management**

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December 30, 2005

Mr. Mark Riggle  
Project Manager  
Voluntary Cleanup Section  
Texas Commission on Environmental Quality  
Mail Code 221  
12118 North IH 35, Building D  
Austin, Texas 78753

Project No. 0038939



**Subject:** Second Half 2005 Monitoring Data Transmittal  
Former Cameron Iron Works Facility, Houston, Texas  
VCP No. 221

Dear Mr. Riggle:

On behalf of Cooper Cameron Corporation, Environmental Resources Management Southwest, Inc. (ERM) is providing this transmittal of ground water and surface water data collected during the Second Half 2005 Monitoring Event at the Former Cameron Iron Works Facility, Houston, Texas (the facility) for your records. In a March 22, 2004 comment letter, the Texas Commission on Environmental Quality (TCEQ) approved a routine ground water monitoring program as part of the response action for the facility. The objective of this transmittal is to determine if additional ground water or surface water samples should be collected during the next quarter (January 2006) to meet the response action objectives for the facility.

A semiannual ground water and surface water sampling schedule was initiated in September 2003. The data from this event is the fifth semiannual monitoring event since September 2003. A detailed monitoring report for the ground water and surface water analytical data collected during the second half of 2005 and the first half of 2006 will be provided to the TCEQ approximately two months after the final laboratory reports are received.

Attachment 1 provides a summary of the ground water and surface water analytical data that were collected during the second half of 2005. A review of the volatile organic ground water data for those wells outside the plume boundaries south of the facility (Table 1) indicates that the ground water concentrations remain below the Method Quantitation Limits (MQL) and Protective Concentration Levels (PCL) with the exception of samples collected at MW-70, MW-81, MW-93, and MW-125.

Reported concentrations of 1,1-dichloroethene (1,1-DCE) and trichloroethene (TCE) were estimated (indicated by a J adjacent to the concentration on Table 1) below the MQL collected at MW-70. 1,1-dichloroethane (1,1-DCA) and cis-1,2-dichloroethene (cis-1,2-DCE) were reported above the MQL but below the PCL. A ground water sample will be collected at MW-70 during January 2006 to meet the quarterly sampling requirements approved by the TCEQ on December 30, 2004.

At MW-81, 1,1-DCA and cis-1,2-DCE were reported above the MQL but below the PCL and 1,1-DCE and vinyl chloride were reported above the MQL and PCL. Historically, reported concentrations at MW-81 have been *Not Detected* above the laboratory detection limits. A confirmation sample was collected on November 22, 2005 with no reported concentrations above the laboratory detection limits. Therefore, the exceedance was not confirmed and remedial response action is not necessary in this area. A ground water sample will be collected at MW-81 during January 2006 to meet the quarterly sampling requirements approved by the TCEQ on December 30, 2004.

Tetrachloroethene (PCE) was reported above the MQL and PCL at MW-93 and MW-125 for samples collected in September, October and November 2005. The September 16, 2005 samples were collected as a benchmark prior to the remedial response action (injection of potassium permanganate at injection wells in the area of MW-93) performed on September 21 and 22, 2005. As part of the remedial response action in the area of MW-93, ground water samples will be collected at MW-93 and MW-125 during January 2006 and the presence of potassium permanganate in the injection wells (IW-47 through IW-52) will be monitored monthly.

Table 2 is a summary of the analytical results for samples collected north of I-10 and within the plume boundaries south of I-10 during the second half of 2005. On October 26, 2005, a concentration of 0.0022 mg/L for vinyl chloride at MW-02 (C) was reported. A confirmation sample was collected on November 22, 2005 at MW-02 (C) with reported concentrations at *Not Detected* above the laboratory detection limits. A review of Table 2 indicates that the plume boundaries are stable or in some instances shrinking.

The reported surface water concentrations, summarized on Table 3, are below the critical PCLs provided in the *Human Health and Ecological Risk Assessment for Surface Water and Sediment*, dated June 19, 2003 and 80% of the Critical PCLs, with the exception of SWD-14. Concentrations of 1,1-DCE at SWD-14 were reported above the 80% PCL value, but below the critical PCL. A surface water sample will be collected at SWD-14 during January 2006 and analyzed for 1,1-DCE.

The injection wells that were installed in the area around MW-93 were sampled prior to the injection of potassium permanganate in September 2005. Table 4 provides a summary of the results for the ground water collected from the injections wells. PCE was the only constituent reported with concentrations that exceed the MQL and PCL. Concentrations of cis-1,2-DCE and TCE were estimated below the MQLs at IW-47, IW-48, and IW-50.

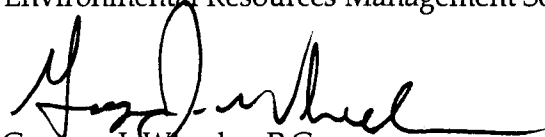
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The quality assurance/quality control data and analytical laboratory reports will be provided in the 2006 Annual Ground Water Monitoring Report and Field Activities Summary, which should be submitted to your attention in July 2006.

Please contact Mr. Ted Fasting of Cooper Cameron Corporation at (713) 513-3325 with any questions or comments.

Sincerely,

Environmental Resources Management Southwest, Inc.



Gregory J. Wheeler, P.G.

GJW/bbd  
Attachments

cc: Ted Fasting, Cooper Cameron Corporation  
Bruce Himmelreich, Cooper Cameron Corporation, (without attachments)  
Paul Stefan, Environmental Resources Management (Houston)  
Marsha Hill, Texas Commission on Environmental Quality, Region X II  
Robin Morse, Crain, Caton & James (without attachments)  
Scott Leafe, SKA Consulting (without attachments)  
Alan Feinsilver, Creekstone Builders Inc.

**Tables**  
*Attachment 1*

*December 30, 2005*  
*Project No. 0038939*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084  
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TABLE 2

Summary of Monitor Well Ground Water Data  
Second Half 2005 Monitoring Data Transmittal

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Critical PCLs (a)	KMW-01		KMW-07		KMW-13		KMW-14		MW-01		MW-02 (c)		MW-07R		MW-15R		MW-16R		MW-17R	
		Location: Depth: (b)	Date:	25	25	25	25	25	25	25	25	25	25	25	25	25	20	20	20	20	20
1,1-Dichloroethane	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	0.016	0.016	0.016	0.016	0.016	0.016	0.016
1,1-Dichloroethane	0.0070	ND (0.0050)	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.10	NS	NS	NA	0.081	0.081	0.052	0.052	0.052	0.052	0.052
1,2-Dichloroethane	0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	NS	NS	NA	0.016	0.016	0.053	0.053	0.053	0.053	0.053
cis-1,2-Dichloroethane	0.070	ND (0.0050)	ND (0.0050)	0.00080 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0012	0.0012	NS	NS	ND (0.0050)	0.0070 J	0.0095	0.0095	0.0025 J	0.0025 J	0.0025 J	0.0025 J
Tetrachloroethane	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	NS	NS	ND (0.0050)	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Trichloroethane	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	NS	NS	ND (0.0050)	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Vinyl Chloride	0.0020	ND (0.0020)	0.0020 J	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0072	0.0072	NS	NS	ND (0.0020)	0.027	0.027	0.027	0.027	0.027	0.027	0.027

Constituent	Critical PCLs (a)	MW-35 (c,d)		MW-42		MW-44 (d)		MW-48		MW-50		MW-52		MW-54		MW-59		MW-60		MW-61	
		Location: Depth: (b)	Date:	26	23	25	23	25	23	25	25	25	25	23	25	25	25	25	25	25	23
1,1-Dichloroethane	2.4	NS	NA	NS	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.0070	NS	0.0030 J	NS	0.0030 J	NS	4.1	NS	52	NS	0.68	NS	0.53	NS	0.53	NS	0.53	NS	0.53	NS	0.53
1,2-Dichloroethane	0.0050	NS	NA	NS	NA	NS	NA	NS	NA	NS	0.68	NS	0.53	NS	0.53	NS	0.53	NS	0.53	NS	0.53
cis-1,2-Dichloroethane	0.070	NS	NA	NS	NA	NS	NA	NS	NA	NS	0.68	NS	0.53	NS	0.53	NS	0.53	NS	0.53	NS	0.53
Tetrachloroethane	0.0050	NS	ND (0.0050)	NS	ND (0.0050)	NS	0.039	NS	0.73	NS	0.039	ND (0.0050)	7.1	NS	7.1	NS	7.1	NS	7.1	NS	7.1
Trichloroethane	0.0050	NS	ND (0.0050)	NS	ND (0.0050)	NS	0.35	NS	0.20	NS	0.35	ND (0.0050)	0.34	NS	0.34	NS	0.34	NS	0.34	NS	0.34
Vinyl Chloride	0.0020	NS	ND (0.0020)	NS	ND (0.0020)	NS	0.035	NS	0.79	NS	0.035	ND (0.0050)	1.6	NS	1.6	NS	1.6	NS	1.6	NS	1.6
							0.097	NS	3.3	NS	0.097	ND (0.0020)	0.19	NS	0.19	NS	0.19	NS	0.19	NS	0.19

Constituent	Critical PCLs (a)	MW-62		MW-64		MW-65		MW-73		MW-75R		MW-76		MW-82		MW-83 (e)		MW-87		MW-88	
		Location: Depth: (b)	Date:	25	25	25	25	25	25	33	31	31	31	31	31	30	30	32	32	38	38
1,1-Dichloroethane	2.4	NA	NA	NA	NA	NA	NA	0.0070	0.0029 J	0.0029 J	0.0016 J	0.0016 J	0.0016 J	0.0061	NS	NS	NS	0.0063	0.0063	0.0063	0.0063
1,1-Dichloroethane	0.0070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0015 J	0.0015 J	0.0090	0.0090	0.0068	0.0068	0.0068	0.018	NS	NS	NS	0.017	0.017	0.017	0.017
1,2-Dichloroethane	0.0050	NA	NA	NA	NA	NA	0.0015 J	0.0015 J	0.0015 J	0.0015 J	0.0056 J	0.0056 J	0.0056 J	0.015 J	NS	NS	NS	0.0021 J	0.0021 J	0.0021 J	0.0021 J
cis-1,2-Dichloroethane	0.070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0050	0.0050	0.0050	0.0050	0.012	0.012	0.012	0.11	NS	NS	NS	0.0011 J	0.0011 J	0.0011 J	0.0011 J
Tetrachloroethane	0.0050	ND (0.0050)	0.0034 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0023 J	0.0023 J	0.0023 J	0.0023 J	0.023	0.023	0.023	0.11	NS	NS	NS	0.0050	0.0050	0.0050	0.0050
Trichloroethane	0.0050	ND (0.0050)	0.0020 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.039	0.039	0.039	0.039	0.016	0.016	0.016	0.037	NS	NS	NS	0.010	0.010	0.010	0.010
Vinyl Chloride	0.0020	ND (0.0020)	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.039	0.039	0.039	0.039	0.016	0.016	0.016	0.037	NS	NS	NS	0.010	0.010	0.010	0.010

NOTES:

- The reported concentrations are in mg/L.
- ND (0.0050) = Not Detected at the Reporting Limit given in parentheses.
- (a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.
- (b) The sample depths are reported in feet below ground surface.
- (c) A solution of potassium permanganate was injected in January 2004.
- (d) A solution of potassium permanganate was injected in January 2005.
- (e) A solution of potassium permanganate was injected in October 2005.
- J = Estimated data, the reported sample concentration is approximated due to exceedance of QC requirements.

TABLE 2 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2005 Monitoring Data Transmittal

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	MW-89	MW-90	MW-91	MW-92	MW-94	MW-99	MW-100	MW-101	MW-102	MW-106
Location:	MW-89	MW-90	MW-91	MW-92	MW-94	MW-99	MW-100	MW-101	MW-102	MW-106
Depth: (b)	37	35	37	43	25	32	31	30	45	42
Date:	10/25/2005	10/25/2005	10/25/2005	10/27/2005	10/26/2005	10/27/2005	10/27/2005	10/25/2005	10/28/2005	10/27/2005
Critical PCLs (a)	2.4									
1,1-Dichloroethane	0.0070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.018	0.0018 J	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0050	0.0053	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0064	0.025	0.0043 J	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.0050	0.010	0.0047 J	0.0035 J	ND (0.0050)	ND (0.0050)	0.0016 J	0.0049 J	ND (0.0050)	ND (0.0050)
Tetrachloroethane	0.0050	ND (0.0050)	0.61	0.65	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.23	0.0017 J	ND (0.0050)
Trichloroethane	0.0050	0.056	0.011	0.0048 J	ND (0.0050)	ND (0.0050)	0.0010 J	0.031	0.47	0.38
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Constituent	MW-107	MW-108	MW-109	MW-110	MW-111	MW-112	MW-113	MW-114	MW-115	MW-116
Location:	MW-107	MW-108	MW-109	MW-110	MW-111	MW-112	MW-113	MW-114	MW-115	MW-116
Depth: (b)	42	27	26	27	26	26	27	32	34	27
Date:	10/28/2005	10/24/2005	10/24/2005	10/24/2005	10/24/2005	10/25/2005	10/25/2005	10/28/2005	10/25/2005	10/25/2005
Critical PCLs (a)	2.4									
1,1-Dichloroethane	0.0070	ND (0.0050)	NA	NA	NA	NA	NA	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0050	0.11	0.20	0.094	0.0086	0.058	ND (0.0050)	0.0080	0.21	ND (0.0050)
1,2-Dichloroethane	0.070	NA	NA	NA	NA	NA	NA	ND (0.0050)	0.0065	ND (0.0050)
cis-1,2-Dichloroethene	0.0050	0.00078 J	0.14	0.027	0.034	0.60	ND (0.0050)	0.0028 J	ND (0.0050)	ND (0.0050)
Tetrachloroethane	0.0050	0.59	0.16	0.0045 J	ND (0.0050)	0.27	ND (0.0050)	0.12	ND (0.0050)	ND (0.0050)
Trichloroethane	0.0050	0.0090	0.071	0.012	ND (0.0050)	0.043	ND (0.0050)	0.0085	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.0016 J	0.0057	0.0069	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0045 J	ND (0.0020)
Constituent	MW-118	MW-120	MW-121	MW-124	MW-127	MW-128	MW-129	MW-130	MW-02 (C)	
Location:	MW-118	MW-120	MW-121	MW-124	MW-127	MW-128	MW-129	MW-130	MW-02 (C)	
Depth: (b)	27	25	28	29	32	40	35	25	23	
Date:	10/28/2005	10/26/2005	10/26/2005	10/27/2005	10/24/2005	10/25/2005	10/25/2005	10/27/2005	10/26/2005	11/22/2005
Critical PCLs (a)	2.4									
1,1-Dichloroethane	0.0070	0.014	0.090	0.0054	ND (0.0050)	ND (0.0050)	0.052	ND (0.0050)	NA	NA
1,1-Dichloroethene	0.0050	0.0034 J	0.0072 J	ND (0.0050)	0.0052	ND (0.0050)	0.27	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0019 J	ND (0.0050)	NA	NA
cis-1,2-Dichloroethene	0.0050	0.0048 J	0.0065 J	ND (0.0050)	0.0049 J	ND (0.0050)	0.0035 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
Tetrachloroethane	0.0050	ND (0.0050)	ND (0.0050)	0.00065 J	ND (0.0050)	ND (0.0050)	0.0098	ND (0.0050)	ND (0.0050)	ND (0.0050)
Trichloroethane	0.0050	0.023	ND (0.0050)	ND (0.0050)	0.023	ND (0.0050)	0.011	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0017 J	ND (0.0020)	0.0023	ND (0.0020)

NOTES:

The reported concentrations are in mg/L.

ND (0.0050) = 0.10 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

(b) The sample depths are reported in feet below ground surface.

(c) A solution of potassium permanganate was injected in January 2004.

(d) A solution of potassium permanganate was injected in January 2005.

(e) A solution of potassium permanganate was injected in October 2005.

J = Estimated data, the reported sample concentration is approximated due to exceedance of QC requirements.

TABLE 2 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2005 Monitoring Data Transmittal

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Critical PCLs (a)	Location: MW-02 (S)		MW-03 (S)	
		Depth: (b)	Date	23	23
1,1-Dichloroethane	2.4		10/24/2005	10/24/2005	
1,1-Dichloroethene	0.0070		ND (0.0050)	ND (0.0050)	
1,2-Dichloroethane	0.0050		ND (0.0050)	ND (0.0050)	
cis-1,2-Dichloroethene	0.070		ND (0.0050)	ND (0.0050)	
Tetrachloroethene	0.0050		ND (0.0050)	0.00082 J	
Trichloroethene	0.0050		ND (0.0050)	ND (0.0050)	
Vinyl Chloride	0.0020		ND (0.0020)	ND (0.0020)	

NOTES:

The reported concentrations are in mg/L.

[ 0.10 ] = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.  
ND (0.0050) = Not Detected at the Reporting Limit given in parentheses.

- (a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater PCLs, 30-acre source area, Table 3, table for TRRP Rule dated April 12, 2005.
- (b) The sample depths are reported in feet below ground surface.
- (c) A solution of potassium permanganate was injected in January 2004.
- (d) A solution of potassium permanganate was injected in January 2005.
- (e) A solution of potassium permanganate was injected in October 2005.

J = Estimated data, the reported sample concentration is approximated due to exceedance of QC requirements.



TABLE 3

Summary of Surface Water Data  
Second Half 2005 Monitoring Data Transmittal

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Critical PCLs (a)	80% Critical PCL (a)	Location:		SWD-12		SWD-14		SWD-15	
			Date:		10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005
1,1-Dichloroethane	5.13	4.10			0.0018 J	0.0083				0.0027 J
1,1-Dichloroethene	0.06	0.05			0.0033 J	<b>0.054</b>				0.019
1,2-Dichloroethane	0.554	0.443			ND (0.0050)	ND (0.0050)			ND (0.0050)	
cis-1,2-Dichloroethene	9.36	7.49			ND (0.0050)	0.0020 J			0.0021 J	
Tetrachloroethene	0.790	0.632			ND (0.0050)	0.0037 J			0.0036 J	
Trichloroethene	1.110	0.888			0.00078 J	0.0043 J			0.0056	
Vinyl Chloride	0.0336	0.0269			ND (0.0020)	0.0063			ND (0.0020)	

Constituent	Critical PCLs (a)	80% Critical PCL (a)	Location:		SWD-17		SWD-18		SWD-20	
			Date:		10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005
1,1-Dichloroethane	5.13	4.10			ND (0.0050)	ND (0.0050)			ND (0.0050)	
1,1-Dichloroethene	0.06	0.05			0.0040 J	ND (0.0050)			ND (0.0050)	
1,2-Dichloroethane	0.554	0.443			ND (0.0050)	ND (0.0050)			ND (0.0050)	
cis-1,2-Dichloroethene	9.36	7.49			0.0012 J	0.00086 J			ND (0.0050)	
Tetrachloroethene	0.790	0.632			0.017	0.012			0.0036 J	
Trichloroethene	1.110	0.888			0.0015 J	0.0010 J			ND (0.0050)	
Vinyl Chloride	0.0336	0.0269			ND (0.0020)	ND (0.0020)			ND (0.0020)	

## NOTES:

The reported concentrations are in mg/L.

**Bold** values indicate an exceedance of the 80% critical Protective Concentration Level (PCL).  
ND (0.0050) = *Not Detected* at the Reporting Limit given in parentheses.

J = Estimated data, the reported sample concentration is approximated due to exceedance of QC requirements.

(a) Taken from the critical PCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment*, dated June 2003.

SWD = Surface Water Harris County Flood Control Ditch.

TABLE 4

Summary of Injection Well Ground Water Data  
Second Half 2005 Monitoring Data Transmittal

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Critical PCLs (a)	Location:		IW-47		IW-48		IW-49		IW-50		IW-51		IW-52	
		Depth: (b)	Date:	37.5	9/16/2005	37.5	9/16/2005	37.5	9/16/2005	37.5	9/16/2005	37.5	9/16/2005	37.5	9/16/2005
1,1-Dichloroethane	2.4	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethane	0.0070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethane	0.070	0.0015 J	0.00051 J	0.0015 J	0.00051 J	0.0015 J	0.00051 J	0.0015 J	0.00051 J	0.0017 J	0.0017 J	0.0017 J	0.0017 J	0.0017 J	0.0017 J
Tetrachloroethene	0.0050	0.30	0.18	0.30	0.18	0.30	0.18	0.30	0.18	0.22	0.22	0.22	0.22	0.22	0.22
Trichloroethene	0.0050	0.0016 J	0.00071 J	0.0016 J	0.00071 J	0.0016 J	0.00071 J	0.0016 J	0.00071 J	0.0014 J	0.0014 J	0.0014 J	0.0014 J	0.0014 J	0.0014 J
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)

NOTES:

The reported concentrations are in mg/L.

0.020 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.  
ND (0.0050) = Not Detected at the Reporting Limit given in parentheses.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater PCLs, 30-acre source area, Table 3, table for TRRP Rule dated April 12, 2005.

(b) The sample depths are reported in feet below ground surface.

J = Estimated data, the reported sample concentration is approximated due to exceedance of QC requirements.