

January 24, 2008

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. 0060761

Subject: Second Half 2007 Monitoring Data Transmittal
Former Cameron Iron Works Facility, Houston, Texas
VCP No. 221



Dear Mr. Riggle:

On behalf of Cameron International Corporation (Cameron), Environmental Resources Management (ERM) is providing this transmittal of ground water and surface water data to the Texas Commission on Environmental Quality (TCEQ) for your records. The objectives of this transmittal is to determine if additional ground water or surface water samples should be collected during the next quarter (January 2008) at selected locations to meet the response action objectives for the Former Cameron Iron Works Facility (the facility). A summary table (Table 1) has been created to convey this information, as well as the future course of action for the area.

A semiannual ground water and surface water sampling event was completed in October 2007. Additionally, monitor wells installed in the Stablewood Subdivision to delineate affected ground water at MW-96 and in the Pine Wood Estates to delineate affected ground water at MW-78 and MW-79 were sampled during the second half of 2007. KMW-07, MW-70, and MW-62 were re-sampled in November to confirm the concentrations that were reported for the semiannual sampling event.

A summary of the ground water analytical data for the trigger wells collected during the second half of 2007 is presented in Table 2. Table 3 is a summary of the analytical results for samples collected at non-trigger wells located north and south of I-10 during the second half of 2007. The ground water analytical results were compared to the response action items outlined in the *Response Action Plan* (RAP) dated August 28, 2003 and summarized in Table 1.

The reported surface water concentrations, summarized on Table 4, 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.

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Conclusions

The following response actions will be performed to meet the requirements of the RAP in the next three months:

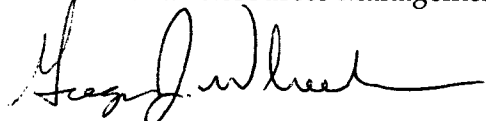
- COC concentrations will be monitored in ground water at MW-70, MW-78, MW-79, MW-93, MW-96, MW-125, and MW-126 on a quarterly basis; and
- In the areas of MW-78, MW-79, MW-93, MW-96, and MW-125, monitor/injection wells will be monitored and level of permanganate will be maintained to address affected ground water at these locations.

The quality assurance/quality control data and analytical laboratory reports will be provided in the 2008 Annual Ground Water Monitoring Report and Field Activities Summary, which should be submitted to your attention in March 2008. This report will also include the well reports for the monitor and injection wells installed during 2007.

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

Sincerely,

Environmental Resources Management



Gregory J. Wheeler, P.G.

GJW/skd
Attachment

cc: Marsha Hill, Texas Commission on Environmental Quality, Region X II
Ted Fasting, Cameron International Corporation
Bruce Himmelreich, Cameron International Corporation, (without attachment)
Clayton Trier, Stablewood Property Owners Association
Robin Morse, Crain, Canton, and James, P.C.
James Elkins III, Houston Trust Company
Paul Stefan, Environmental Resources Management (Houston)

Tables
Attachment 1

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Project No. 0060761

Environmental Resources Management
15810 Park Ten Place, Suite 300
Houston, Texas 77084
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TABLE 1

Summary of Response Action Plan Implementation
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

<u>Well</u>	<u>COCs elevated above MQL</u>	<u>COCs elevated above PCL</u>	<u>Need for Additional Notification (Yes or No)</u>	<u>In-situ Treatment (Yes or No)</u>	<u>Sampling Frequency</u>
MW-70	1,1-dichloroethane cis-1,2-dichloroethane trichloroethene vinyl chloride	trichloroethene vinyl chloride	no (a)	no (b)	Quarterly
MW-78	1,1-dichloroethane 1,1-dichloroethene	1,1-dichloroethene	no (a)	yes (c)	Quarterly
Mw-79	1,1-dichloroethane 1,1-dichloroethene	1,1-dichloroethene	no (a)	yes (c)	Quarterly
MW-93	tetrachloroethene	tetrachloroethene	no (a)	yes (c)	Quarterly
MW-96	1,1-dichloroethene	1,1-dichloroethene	no (a)	yes (c)	Quarterly
MW-125	tetrachloroethene	tetrachloroethene	no (a)	yes (c)	Quarterly

NOTES:

COCs = Chemicals of Concern

MQL = Method Quantitation Limit

PCL = Protective Concentration Level

(a) Properties in the vicinity of the affected ground water have been previously notified.

(b) MW-70 will continue to be monitored on a quarterly basis until the reported concentration of trichloroethene is confirmed with four quarters of reported concentrations above the critical PCL.

(c) Injection wells located in this area have been injected with sodium permanganate during 2007. This area is being gauged regularly for the presence of permanganate. If there is no presence of permanganate in this area, additional permanganate will be injected.

TABLE 2

Summary of Monitor Well Ground Water Data for Trigger Wells
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

Constituent	MQL	Critical PCLs (a)	Location:		MW-70	MW-71	MW-72	MW-74	MW-77	MW-78	MW-79	MW-80
			Depth: (b)		25	25	24	27	30	26	33	31
			Date:		10/17/2007	11/28/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007	10/16/2007	10/16/2007
1,1-Dichloroethane	0.0050	4.9			0.014	0.012	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0084	0.0030 J	ND (0.0050)
1,1-Dichloroethene	0.0050	0.0070			0.0026 J	0.0034 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.26	0.054	ND (0.0050)
1,2-Dichloroethane	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)	ND (0.0050)
cis-1,2-Dichloroethene	0.0050	0.070			0.032	0.032	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.00078 J	ND (0.0050)	ND (0.0050)
Tetrachloroethene	0.0050	0.0050			0.0012 J	0.0014 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Trichloroethene	0.0050	0.0050			0.010	0.014	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.0020			0.0025	0.0017 J	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)

Constituent	MQL	Critical PCLs (a)	Location:		MW-84	MW-85R	MW-86	MW-93	MW-95	MW-96	MW-97	MW-98	MW-117
			Depth: (b)		31	29	33	43	30	33	38	36	25
			Date:		10/18/2007	10/16/2007	10/17/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	10/19/2007
1,1-Dichloroethane	0.0050	4.9			ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.00060 J	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0050	0.0070			ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0097	0.0017 J	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	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)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.0050	0.070			ND (0.0050)	ND (0.0050)	ND (0.0050)	0.00073 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Tetrachloroethene	0.0050	0.0050			ND (0.0050)	ND (0.0050)	ND (0.0050)	0.12	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Trichloroethene	0.0050	0.0050			ND (0.0050)	ND (0.0050)	ND (0.0050)	0.00078 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	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	MQL	Critical PCLs (a)	Location:		MW-122	MW-123	MW-125	MW-126	MW-131
			Depth: (b)		28	27.5	32	25	25
			Date:		10/18/2007	10/17/2007	10/18/2007	10/17/2007	10/18/2007
1,1-Dichloroethane	0.0050	4.9			ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0050	0.0070			ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	0.0050			ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.0050	0.070			ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0047 J	ND (0.0050)
Tetrachloroethene	0.0050	0.0050			ND (0.0050)	ND (0.0050)	0.017	0.020	ND (0.0050)
Trichloroethene	0.0050	0.0050			0.00074 J	ND (0.0050)	ND (0.0050)	0.0071	ND (0.0050)
Vinyl Chloride	0.0020	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.

0.0097 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Ground Water critical PCLs.

Bold values exceed the MQL.

ND (0.0050) = *Not Detected* at the method quantitation limit given in parentheses.

MQL = Method Quantitation Limit.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Ground Water PCLs, Table 3, table for TRRP Rule dated June 26, 2007.

(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.

TABLE 3

Summary of Monitor Well Ground Water Data
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

Constituent	Critical PCLs (a)	Location:									
		KMW-07		KMW-13	KMW-14	MW-01	MW-07R	MW-15R	MW-16R	MW-17R	MW-44
		Depth: (b)	25	25	25	25	25	20	20	20	25
Date:	10/18/2007	11/29/2007	10/17/2007	10/19/2007	10/16/2007	10/17/2007	10/16/2007	10/16/2007	10/17/2007	10/16/2007	
1,1-Dichloroethane	4.9	NA	NA	NA	NA	NA	NA	0.029	0.0048 J	ND (0.0050)	NA
1,1-Dichloroethene	0.0070	0.40	0.00089 J	0.0025 J	ND (0.0050)	0.015	0.015	0.058	0.0062	ND (0.0050)	0.21
1,2-Dichloroethane	0.0050	NA	NA	NA	NA	NA	NA	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA
cis-1,2-Dichloroethene	0.070	0.026	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.019	0.025	ND (0.0050)	0.00086 J
Tetrachloroethene	0.0050	0.092	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.029	0.0077	ND (0.0050)	ND (0.0050)
Trichloroethene	0.0050	0.012	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0098	0.015	ND (0.0050)	0.0011 J
Vinyl Chloride	0.0020	0.055	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0023	ND (0.0020)	0.033

Constituent	Critical PCLs (a)	Location:									
		MW-52	MW-59	MW-60	MW-61	MW-62		MW-64	MW-65	MW-73	MW-75R
		Depth: (b)	25	25	34	23	25	25	25	25	25
Date:	10/17/2007	10/18/2007	10/17/2007	10/17/2007	10/17/2007	11/29/2007	10/18/2007	10/18/2007	10/16/2007	10/17/2007	
1,1-Dichloroethane	4.9	NA	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA	NA	NA	0.0094	0.0073	
1,1-Dichloroethene	0.0070	0.085	ND (0.0050)	ND (0.0050)	ND (0.0050)	1.3	0.0018 J	ND (0.0050)	0.0047 J	0.0035 J	
1,2-Dichloroethane	0.0050	NA	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA	NA	NA	0.00090 J	ND (0.0050)	
cis-1,2-Dichloroethene	0.070	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.036	ND (0.0050)	0.0025 J	0.0034 J	0.0039 J	
Tetrachloroethene	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.12	ND (0.0050)	0.00078 J	ND (0.0050)	ND (0.0050)	
Trichloroethene	0.0050	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.014	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.024	
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.11	ND (0.0020)	ND (0.0020)	0.0026	ND (0.0020)	

Constituent	Critical PCLs (a)	Location:									
		MW-76	MW-82	MW-83	MW-87	MW-89	MW-90	MW-91	MW-92	MW-94	MW-99
		Depth: (b)	31	31	30	32	37	35	37	43	25
Date:	10/16/2007	10/16/2007	10/16/2007	10/19/2007	10/19/2007	10/16/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	
1,1-Dichloroethane	4.9	0.0020 J	0.017	0.092	0.0063	0.0063	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1-Dichloroethene	0.0070	0.0027 J	0.11	0.43	0.016	0.031	0.013	0.0030 J	ND (0.0050)	ND (0.0050)	
1,2-Dichloroethane	0.0050	0.0016 J	0.00130 J	0.0018 J	0.0018 J	0.00084 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
cis-1,2-Dichloroethene	0.070	0.014	0.012	0.0035 J	0.001 J	0.016	0.0048 J	0.0024 J	0.0028 J	ND (0.0050)	
Tetrachloroethene	0.0050	0.0087	0.026	0.0014 J	ND (0.0050)	0.00086 J	0.50	0.32	0.42	ND (0.0050)	
Trichloroethene	0.0050	0.015	0.013	0.0020 J	0.0043 J	0.081	0.018	0.0068	0.0034 J	ND (0.0050)	
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	0.0040	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.

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

NA = Not Analyzed.

NS = Not Sampled.

ND (0.0050) = Not Detected at the method quantitation limit given in parentheses.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Ground Water PCLs, Table 3, table for TRRP Rule dated June 26, 2007.

(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.

TABLE 3 (Cont'd)

Summary of Monitor Well Ground Water Data
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

Constituent	Critical PCLs (a)	Location:									
		MW-100	MW-101	MW-102	MW-106	MW-107	MW-108	MW-109	MW-110	MW-111	MW-112
		Depth: (b)	31	30	45	42	42	27	26	27	26
Date:	10/18/2007	10/17/2007	10/18/2007	10/17/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	10/18/2007	
1,1-Dichloroethane	4.9	0.0019 J	0.0060	ND (0.0050)	ND (0.0050)	0.00061 J	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.0070	0.0013 J	0.017	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.31	0.18	0.67	0.040	0.037
1,2-Dichloroethane	0.0050	ND (0.0050)	0.0018 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	0.070	ND (0.0050)	0.0064	0.0021 J	ND (0.0050)	0.0021 J	0.0079	0.19	0.038	0.018	0.15
Tetrachloroethene	0.0050	ND (0.0050)	0.16	0.52	0.19	0.62	0.00092 J	0.063	0.011	ND (0.0050)	0.045
Trichloroethene	0.0050	ND (0.0050)	0.019	0.0033 J	0.0011 J	0.0079	0.022	0.11	0.0080	ND (0.0050)	0.024
Vinyl Chloride	0.0020	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.053	0.0069	0.0096	0.0065	ND (0.0020)

Constituent	Critical PCLs (a)	Location:									
		MW-113	MW-114	MW-115	MW-116		MW-118	MW-120	MW-121	MW-124	MW-127
		Depth: (b)	27	32	34	27	27	27	25	28	29
Date:	10/18/2007	10/16/2007	10/16/2007	10/17/2007	11/28/2007	10/18/2007	10/16/2007	10/16/2007	10/18/2007	10/16/2007	
1,1-Dichloroethane	4.9	NA	0.0049 J	ND (0.0050)	0.0042 J	0.0041 J	0.0086	0.0018 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	ND (0.0050)	0.078	0.89	0.072	0.071	0.059	0.0074	0.079	0.0025 J	ND (0.0050)
1,2-Dichloroethane	0.0050	NA	0.0018 J	0.0073	ND (0.0050)	ND (0.0050)	0.00082 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	ND (0.0050)	0.022	ND (0.0050)	0.0055	0.0051	0.0073	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Tetrachloroethene	0.0050	ND (0.0050)	1.1	0.0011 J	0.0034 J	0.0034 J	0.0033 J	ND (0.0050)	ND (0.0050)	0.0038 J	ND (0.0050)
Trichloroethene	0.0050	ND (0.0050)	0.081	0.0044 J	0.015	0.016	0.025	ND (0.0050)	ND (0.0050)	0.0014 J	0.0023 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)

Constituent	Critical PCLs (a)	Location:									
		MW-128	MW-129	MW-130	MW-132	MW-138	MW-139	MW-143	MW-144	MW-146	MW-147
		Depth: (b)	40	35	25	30	25	25	24	25	30
Date:	10/17/2007	10/16/2007	10/18/2007	10/16/2007	11/28/2007	11/28/2007	11/28/2007	11/28/2007	11/28/2007	10/16/2007	11/28/2007
1,1-Dichloroethane	4.9	ND (0.0050)	0.074	ND (0.0050)	0.00091 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	ND (0.0050)	0.38	ND (0.0050)	0.0018 J	ND (0.0050)	ND (0.0050)	0.0012 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	ND (0.0050)	0.0017 J	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	0.070	ND (0.0050)	0.018	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Tetrachloroethene	0.0050	ND (0.0050)	0.069	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Trichloroethene	0.0050	0.00085 J	0.041	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	ND (0.0020)	0.0024	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.

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

NA = Not Analyzed.

NS = Not Sampled.

ND (0.0050) = *Not Detected* at the method quantitation limit given in parentheses.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Ground Water PCLs, Table 3, table for TRRP Rule dated June 26, 2007.

(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.

TABLE 3 (Cont'd)

Summary of Monitor Well Ground Water Data
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

Constituent	Critical PCLs (a)	Location:	MW-166	MW-167	MW-168	MW-169	MW-02(C)	MW-02(S)	MW-03 (S)
		Depth: (b)	35	38	35	35	23	23	23
		Date:	12/3/2007	12/5/2007	12/4/2007	12/3/2007	10/18/2007	10/18/2007	10/18/2007
1,1-Dichloroethane	4.9		0.001 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070		0.016	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0013 J	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	NA	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Tetrachloroethene	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Trichloroethene	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	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)	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.

NA = Not Analyzed.

NS = Not Sampled.

ND (0.0050) = *Not Detected* at the method quantitation limit given in parentheses.

(a) TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Ground Water PCLs, Table 3, table for TRRP Rule dated June 26, 2007.

(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.

TABLE 4

Summary of Surface Water Data
Second Half 2007 Monitoring Data Transmittal

Former Cameron Iron Works Facility
Houston, Texas

Constituent	Critical	80% Critical	Location: Date:	SWD-12	SWD-14	SWD-15
	PCLs (a)	PCL (a)		10/17/2007	10/17/2007	10/17/2007
1,1-Dichloroethane	5.13	4.10		0.0022 J	0.0045 J	0.0039 J
1,1-Dichloroethene	0.06	0.05		0.0023 J	0.029	0.020
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)	0.0029 J	0.0024 J
Tetrachloroethene	0.790	0.632		ND (0.0050)	0.0087	0.0059
Trichloroethene	1.110	0.888		ND (0.0050)	0.0057	0.0045 J
Vinyl Chloride	0.0336	0.0269		ND (0.0020)	0.0035	0.0031

Constituent	Critical	80% Critical	Location: Date:	SWD-17	SWD-18	SWD-20
	PCLs (a)	PCL (a)		10/17/2007	10/17/2007	10/17/2007
1,1-Dichloroethane	5.13	4.10		ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.06	0.05		0.0061	0.0025 J	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		0.0016 J	0.00057 J	ND (0.0050)
Tetrachloroethene	0.790	0.632		0.025	0.0087	ND (0.0050)
Trichloroethene	1.110	0.888		0.0016 J	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0336	0.0269		0.00078 J	ND (0.0020)	ND (0.0020)

NOTES:

The reported concentrations are in mg/L.

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.