

January 27, 2004

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

Mr. Kirk Coulter  
Team III Corrective Action Section  
Texas Commission on Environmental Quality  
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12118 North IH 35, Building D  
Austin, Texas 78753

W.O. #389-059

Subject: Second Half 2003 Monitoring Data Transmittal  
Former Cameron Iron Works Facility, Houston, Texas  
VCP No. 221

Dear Messrs. Riggle and Coulter:

On behalf of Cooper Cameron Corporation, Environmental Resources Management (ERM) is providing this transmittal of ground water and surface water data collected during the Second Half 2003 sampling event at the Former Cameron Iron Works Facility, Houston, Texas (the facility) for your records. On November 18, 2003, Cameron made a request to the Texas Commission on Environmental Quality (TCEQ) to switch from quarterly to semiannual sampling and from semiannual to annual reporting. Mr. Kenneth Forster of the Voluntary Cleanup Program (VCP) verbally approved this request. The semiannual sampling events that will be conducted are outlined in Worksheet 3.1 of the Response Action Plan, dated August 28, 2003.

The semiannual ground water and surface water sampling schedule was initiated in September 2003. A data transmittal summarizing the ground water and surface water analytical data collected during the first half of the semiannual sampling events will be provided to the TCEQ approximately one month after the final laboratory reports are received. This transmittal is the first of these data summaries.

Attachment 1 provides a summary of the ground water and surface water analytical data that were collected during the second half of 2003. A review of the ground water concentrations summarized on Table 1 indicates that the ground water concentrations have decreased or remain steady throughout the areas of affected ground water. The reported surface water

concentrations, summarized on Table 2, are below the critical Protective Concentration Levels (PCLs) provided in the *Human Health and Ecological Risk Assessment for Surface Water and Sediment*, dated June 19, 2003. In addition, the ground water concentrations for antimony and copper in the Cooling Water Pond Area (Table 3) do not exceed the <sup>GW</sup>GW<sub>ing</sub> Tier 1 PCLs. The quality of ground water throughout the affected area is improving.

During the second half of 2003, six monitor wells (MW-04(S), MW-15, MW-16, MW-17, MW-68, and MW-69) were plugged and abandoned because of the current expansion of Interstate 10 (I-10). Three monitor wells (MW-15R, MW-16R, and MW-17R) were installed to replace the monitor wells that were plugged and abandoned along the southern portion of I-10. In addition, six monitor wells (MW-126 through MW-131) were installed on private properties as requested by the TCEQ. Attachment 2 provides a copy of the drilling logs and well reports for these monitor well activities during the second half of 2003.

As mentioned above, analytical laboratory reports and data usability summaries for the samples collected during the second half of 2003 will be provided in a detailed annual monitoring report and field activities summary after the First Half 2004 sampling event scheduled for April 2004. The detailed annual monitoring report and field activities summary should be submitted to your attention by July 2004.

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

Sincerely,

Environmental Resources Management

Gregory J. Wheeler, P.G.

GJW/mnt  
Attachments

cc: Jesse McKendree, Cooper Cameron Corporation  
Bruce Himmelreich, Cooper Cameron Corporation, (without attachments)  
Lance Shea, Fulbright & Jaworski L.L.P. (without attachments)  
Patricia Finn Braddock, Fulbright & Jaworski L.L.P. (without attachments)  
Heather Schooley, Fulbright & Jaworski L.L.P.  
Paul Stefan, Environmental Resources Management  
Marsha Hill, TCEQ, Region X II  
Robin Morse, Crain, Caton & James  
Scott Leafe, SKA Consulting  
Alan Feinsilver, Creekstone Builders Inc.

**Tables**  
*Attachment 1*

*January 27, 2004*  
*W.O. #389-059*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084  
(281) 600-1000

TABLE 1

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>Ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location:	KMW-01	KMW-05	KMW-07	KMW-11	KMW-21	MW-01
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	25	25	25	25	25	25
	Date:	9/16/2003		9/17/2003	9/16/2003	9/16/2003	9/17/2003	9/15/2003		
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	0.0023 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.014
1,1-Dichloroethene	0.0070	2.9	0.0070		0.0013 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.13
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0013 J
Benzene	0.0050	70	0.0050		NA	ND (0.0050)	ND (0.0050)	NA	NA	ND (0.0050)
Ethylbenzene	0.70	20,800	0.70		NA	ND (0.0050)	NA	NA	NA	ND (0.0050)
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	ND (0.0050)	ND (0.0050)	NA	0.0013 J	ND (0.0050)
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0050
Xylenes (total)	10	9,820	10		NA	ND (0.015)	ND (0.015)	NA	ND (0.015)	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		ND (0.00500)	0.159	NA	0.0529	NA	ND (0.00500)
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	ND (0.00200)	NA
Cadmium	0.0050	---	0.0050		ND (0.00100)	NA	NA	ND (0.00100)	NA	NA
Copper	1.30	---	1.30		NA	0.000824 J	0.00185 J	0.00195 J	NA	NA
Lead	0.015	---	0.015		NA	ND (0.00500)	ND (0.00500)	0.000261 J	NA	0.000425 J
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	ND (0.00200)

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location:	MW-07R	MW-15R	MW-16R	MW-17R	MW-17R	MW-35
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	25	20	20	20	20	26
				Date:	9/16/2003	9/15/2003	9/15/2003	9/15/2003	12/9/2003	9/18/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	0.0082	0.033	0.0016	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.017	0.060	0.031	0.10	0.083	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	0.0047 J	0.0068	ND (0.0050)	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	ND (0.0050)	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	ND (0.0050)	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	0.0082	0.011	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	ND (0.0050)	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	0.0067	0.015	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	0.0030	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	ND (0.00500)	ND (0.00500)	NA	NA	0.0463
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		ND (0.00500)	ND (0.00500)	ND (0.00500)	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

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TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>Ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-42	MW-43	MW-45	MW-46	MW-48	MW-50
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	23	23	25	23	23	25
				Date:	9/16/2003	9/15/2003	9/16/2003	9/16/2003	9/18/2003	9/17/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		0.028	0.044	ND (0.0050)	0.027	8.8	0.99
1,1-Dichloroethene	0.0070	2.9	0.0070		0.0072	0.078	ND (0.0050)	0.041	7.5	16
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.097	0.020
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.010	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.016	0.0043 J
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.043	0.066	0.16
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	ND (0.0050)
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	ND (0.0050)
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0086	0.41	0.10
Toluene	1.0	2,800	1.0		NA	0.0026 J	0.0014 J	NA	0.0017 J	0.015
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0060	0.14	0.084
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	0.0033	ND (0.0020)	0.0022	0.064	0.69
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	0.0047 J	0.0091 J
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	ND (0.00500)	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	ND (0.00200)	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		0.00182	0.00100	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		0.000213 J	ND (0.00500)	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	ND (0.00200)	NA	NA	ND (0.00200)	NA

NOTES:

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TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
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Constituent	GW <sub>Ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location:	MW-51	MW-52	MW-54	MW-55	MW-56	MW-59
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	25	25	23	23	29	25
				Date:	9/17/2003	9/17/2003	9/16/2003	9/17/2003	9/16/2003	9/15/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		0.0018 J	0.021	1.7	3.6	0.0012 J	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.0096	0.081	0.85	4.3	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	0.0090	0.025	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	0.28	0.059	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0011 J	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		0.039	ND (0.0050)	6.0	0.21	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	0.0026 J	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		0.0024 J	ND (0.0050)	0.26	0.15	0.0026 J	ND (0.0050)
Toluene	1.0	2,800	1.0		ND (0.0050)	ND (0.0050)	0.0014 J	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.0058	ND (0.0050)	0.93	0.098	0.0015 J	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		0.0098	ND (0.0020)	0.16	2.1	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	0.011 J	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		0.0160	NA	0.00649	NA	0.00287 J	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	ND (0.00500)	NA
Thallium	0.0020	---	0.0020		NA	ND (0.00200)	NA	ND (0.00200)	NA	NA

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TABLE 1 (Cont'd)

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Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
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Constituent	GW <sub>ing</sub> (a)		Critical PCLs	Location:						
	Tier 1 PCLs	Tier 2 PCLs		MW-60	MW-61 (c)	MW-62	MW-63	MW-64	MW-65	
				Depth: (b)	23	25	25	25	25	
				Date:	9/17/2003	9/17/2003	9/15/2003	9/17/2003	9/16/2003	9/16/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.020	0.0060	0.086
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.032	0.0014 J	0.015
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0028 J	0.026	0.0093
Benzene	0.0050	70	0.0050		ND (0.0050)	11	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		ND (0.0050)	1.40	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0082	0.0088	ND (0.0050)
Toluene	1.0	2,800	1.0		ND (0.0050)	11	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0012 J	0.0046 J	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0043	0.0052
Xylenes (total)	10	9,820	10		ND (0.015)	6.0	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		0.0395	0.0217	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	ND (0.00100)	0.000329 J
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	0.009440	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	ND (0.00200)	NA	ND (0.00200)	NA	NA

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Constituent	GW <sub>Ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-66	MW-67	MW-68	MW-69	MW-70	MW-71
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	25	25	24	24	25	25
				Date:	9/15/2003	9/16/2003	9/15/2003	9/16/2003	9/15/2003	9/17/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		0.14	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0041 J	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.10	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0023 J	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		0.0026 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		0.29	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0082	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		0.12	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.043	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0018 J	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		0.0054	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		ND (0.015)	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	ND (0.00100)	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)		Critical PCLs	Location: Depth: (b) Date:	MW-72	MW-73	MW-74	MW-75R	MW-76	MW-77
	Tier 1 PCLs	Tier 2 PCLs			24	25	27	33	31	30
					9/17/2003	9/15/2003	9/16/2003	9/16/2003	9/17/2003	9/17/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	0.0096	ND (0.0050)	0.0066	0.0017 J	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	0.024	0.0052	0.044	0.013	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	0.0024 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	0.0039 J	ND (0.0050)	ND (0.0050)	0.014	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0073	0.13	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	0.025	ND (0.0050)	0.0012 J	0.025	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	0.000280 J
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-78	MW-79	MW-80	MW-81	MW-82
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	26	33	31	28	31
				Date:	9/17/2003	9/17/2003	9/17/2003	9/18/2003	9/18/2003
<i>Volatile Organics</i>									
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0063
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	ND (0.0050)	0.0014 J	ND (0.0050)	0.020
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0016 J
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.012
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.17
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.051
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA
<i>Metals</i>									
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	0.00253 J	0.00312 J	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

U = Not Detected based on data validation.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-83	MW-83	MW-84	MW-85R	MW-86
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	30	30	31	29	33
				Date:	9/18/2003	12/9/2003	9/18/2003	9/16/2003	9/16/2003
<i>Volatile Organics</i>									
1,1-Dichloroethane	2.4	10,000	2.4		0.0019 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.026	0.029	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA
<i>Metals</i>									
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	ND (0.00500)	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	0.000320 J	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

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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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location:	MW-87	MW-88	MW-88	MW-89	MW-90
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	32	33	33	37	35
				Date:	9/16/2003	9/18/2003	12/9/2003	9/17/2003	9/18/2003
<i>Volatile Organics</i>									
1,1-Dichloroethane	2.4	10,000	2.4		0.0035 J	0.0030 J	ND (0.0050)	0.0026 J	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.0068	0.048	0.023	0.015	0.0011 J
1,2-Dichloroethane	0.0050	54.0	0.0050		0.0013 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.017	0.0045 J
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.56
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.0068	ND (0.0050)	ND (0.0050)	0.082	0.012
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA
<i>Metals</i>									
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)			Air <sub>GW<sub>Inh-V</sub></sub>		Location: Depth: (b) Date:	MW-91	MW-92	MW-93	MW-94	MW-95	MW-96
	Tier 1 PCLs	Tier 2 PCLs	Critical PCLs	37	43		43	25	30	33		
				9/18/2003	9/18/2003		9/18/2003	9/17/2003	9/16/2003	9/17/2003		
<i>Volatile Organics</i>												
1,1-Dichloroethane	2.4	10,000	2.4	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0027 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1-Dichloroethene	0.0070	2.9	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)	
1,2-Dichloroethane	0.0050	54.0	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)	
1,1,1-Trichloroethane	0.20	100	0.20	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1,2-Trichloroethane	0.0050	140	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	0.070	24,000	0.070	0.0025 J	0.0071	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Benzene	0.0050	70	0.0050	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	0.70	20,800	0.70	NA	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.0050	420	0.0050	1.0	0.61	0.0020 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Toluene	1.0	2,800	1.0	NA	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.0050	210	0.0050	0.021	0.0059	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Vinyl Chloride	0.0020	0.48	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)	
Xylenes (total)	10	9,820	10	NA	NA	NA	NA	NA	NA	NA	NA	
<i>Metals</i>												
Antimony	0.0060	---	0.0060	NA	NA	NA	NA	NA	NA	NA	NA	
Arsenic	0.010	---	0.010	NA	NA	NA	NA	NA	0.0104	ND (0.00500)	NA	
Beryllium	0.0040	---	0.0040	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	0.0050	---	0.0050	NA	NA	NA	ND (0.00100)	NA	NA	NA	NA	
Copper	1.30	---	1.30	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.015	---	0.015	NA	NA	0.000407 J	NA	NA	NA	NA	ND (0.00500)	
Thallium	0.0020	---	0.0020	NA	NA	NA	NA	NA	NA	NA	NA	

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

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NA = Not Analyzed

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(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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location: Depth: (b) Date:	MW-97	MW-98	MW-99	MW-100	MW-101	MW-102
	Tier 1 PCLs	Tier 2 PCLs			38	36	32	31	30	45
					9/17/2003	9/17/2003	9/18/2003	9/17/2003	9/17/2003	9/18/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	ND (0.0050)	0.0023 J	0.059	0.0012 J	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	ND (0.0050)	0.016	0.10	0.0042 J	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.014	0.0068	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0066	0.43	0.23
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0086	0.046	0.0027 J
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	0.0026	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)	AirGW <sub>Inh-V</sub>	Critical PCLs	Location:	MW-106	MW-107	MW-108	MW-109	MW-110	MW-111
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	42	42	27	26	27	26
				Date:	9/17/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	ND (0.0050)	0.056	0.045	0.050	0.011
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	ND (0.0050)	0.47	0.087	0.095	0.0072
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0017 J	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0018 J	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	0.0013 J	0.12	0.37	0.19
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		0.12	0.39	ND (0.0050)	0.048	0.11	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.0019 J	0.0082	0.0074	0.022	0.18	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	0.0083	0.0042	0.023	0.012
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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



TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>Ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-112	MW-113	MW-114	MW-115	MW-116	MW-117
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	26	27	32	34	27	25
				Date:	9/17/2003	9/16/2003	9/17/2003	9/17/2003	9/18/2003	9/18/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		0.066	0.033	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.13	0.061	ND (0.0050)	0.037	0.0024 J	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0081	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		0.89	0.0015 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		0.76	ND (0.0050)	0.0032 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.092	ND (0.0050)	ND (0.0050)	0.0056	0.0027 J	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	0.015	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>Ing</sub> (a)	Air <sub>GW<sub>Inh-V</sub></sub>	Critical PCLs	Location:	MW-118	MW-119	MW-120	MW-121	MW-122	MW-123
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	27	28	25	28	28	27.5
				Date:	9/17/2003	9/17/2003	9/17/2003	9/17/2003	9/17/2003	9/18/2003
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4		0.0034 J	ND (0.0050)	0.0016 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		0.018	ND (0.0050)	0.016	0.081	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		0.0057	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	0.0032 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		0.028	0.0016 J	ND (0.0050)	ND (0.0050)	0.0017 J	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>ing</sub> (a)		Critical PCLs	Location: Depth: (b) Date:	MW-124	MW-125	MW-126	MW-127	MW-128	MW-129
	Tier 1 PCLs	Tier 2 PCLs			29	32	25	33	40	35
<i>Volatile Organics</i>										
1,1-Dichloroethane	2.4	10,000	2.4	9/17/2003	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.042
1,1-Dichloroethene	0.0070	2.9	0.0070		0.0084	ND (0.0050)	ND (0.0050)	0.0045 J	ND (0.0050)	0.39
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0018 J
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	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	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0084	0.0025 J	0.0020 J
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	0.0018 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.012
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	0.042	0.012	0.0047 J
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA	NA
<i>Metals</i>										
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	NA	NA	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	NA	NA	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	NA	NA	NA
Thallium	0.0020	---	0.0020		NA	NA	NA	NA	NA	NA

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 1 (Cont'd)

Summary of Monitor Well Ground Water Data  
Second Half 2003 Monitoring LetterFormer Cameron Iron Works Facility  
Houston, Texas

Constituent	GW <sub>Ing</sub> (a)	Air <sup>GW</sup> <sub>Inh-V</sub>	Critical PCLs	Location:	MW-130	MW-131	MW-02 (C)	MW-02 (S)	MW-03 (S)
	Tier 1 PCLs	Tier 2 PCLs		Depth: (b)	25	25	23	25	23
				Date:	12/19/2003	12/19/2003	9/15/2003	9/15/2003	9/15/2003
<i>Volatile Organics</i>									
1,1-Dichloroethane	2.4	10,000	2.4		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1-Dichloroethene	0.0070	2.9	0.0070		ND (0.0050)	0.0041 J	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,2-Dichloroethane	0.0050	54.0	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	0.20	100	0.20		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.0050	140	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
cis-1,2-Dichloroethene	0.070	24,000	0.070		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Benzene	0.0050	70	0.0050		NA	NA	NA	NA	NA
Ethylbenzene	0.70	20,800	0.70		NA	NA	NA	NA	NA
Tetrachloroethene	0.0050	420	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Toluene	1.0	2,800	1.0		NA	NA	NA	NA	NA
Trichloroethene	0.0050	210	0.0050		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Vinyl Chloride	0.0020	0.48	0.0020		ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)
Xylenes (total)	10	9,820	10		NA	NA	NA	NA	NA
<i>Metals</i>									
Antimony	0.0060	---	0.0060		NA	NA	NA	NA	NA
Arsenic	0.010	---	0.010		NA	NA	ND (0.00500)	NA	NA
Beryllium	0.0040	---	0.0040		NA	NA	NA	NA	NA
Cadmium	0.0050	---	0.0050		NA	NA	ND (0.00100)	NA	NA
Copper	1.30	---	1.30		NA	NA	NA	NA	NA
Lead	0.015	---	0.015		NA	NA	NA	0.000207 J	ND (0.00500)
Thallium	0.0020	---	0.0020		NA	NA	ND (0.00200)	ND (0.00200)	ND (0.00200)

## NOTES:

0.0653 = exceedance of TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Class 2 Groundwater critical PCLs.

The reported concentrations are in mg/L.

--- = Not Available

NA = Not Analyzed

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 March 31, 2003.

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

(c) The source for BTEX at this location is from an upgradient service station.

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

TABLE 2

Summary of Surface Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Recreational Contact Age-Adjusted PCLs (a)	Aquatic Life <sup>SW</sup> RBELs			Critical PCLs	Location: Date:	SWD-11	SWD-12	SWD-13	SWD-14	SWD-15	SWD-16	SWD-17	SWD-18
		Freshwater Acute	Freshwater Chronic	Incidental Fisheries			9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
		Tier 1 PCLs	Tier 1 PCLs	Tier 1 PCLs (b)			9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
<i>Volatile Organics</i>														
1,1-Dichloroethane	94.5	15.40	5.13	---	5.13	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0051	0.0025 J	0.0013 J	ND (0.0050)	ND (0.0050)	
1,1-Dichloroethene	46.8	9.10	3.00	0.06	0.06	ND (0.0050)	ND (0.0050)	0.0031 J	0.051	0.026	0.014	0.0088	0.0067	
1,2-Dichloroethane	0.554	37.70	6.30	0.74	0.554	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1,1-Trichloroethane	187	14.70	4.90	125.86	4.90	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1,2-Trichloroethane	0.884	---	1.80	1.60	0.884 (a)	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	9.36	42.0	14.0	---	9.36	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	0.969	4.70	0.790	3.20	0.790	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0020 J	0.0015 J	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Trichloroethene	4.58	---	1.110	6.12	1.110	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0012 J	0.0031 J	0.0020 J	0.0013 J	0.0012 J	
Vinyl Chloride	0.0336	---	---	4.15	0.0336 (a)	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.

--- = Not Available or provided by TCEQ

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) Based on age-adjusted contact recreational scenario, Appendix H of the Human Health and Ecological Risk Assessment for Surface Water and Sediment Report, Dated June 2003.

(b) Applicable to the Harris County Flood Control Ditch.

SWD = Surface Water Harris County Flood Control Ditch.

SWBB = Surface Water Buffalo Bayou.

Dup-6=Duplicate sample of SWD-19 collected on September 16, 2003.

FB091603B=Field blank sample collected in the Harris County Flood Control Ditch on September 16, 2003.

TABLE 2 (Cont'd)

Summary of Surface Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Recreational Contact Age-Adjusted PCLs (a)	Aquatic Life <sup>SW</sup> RBELs			Critical PCLs	Location: Date:	SWD-19 9/16/2003	SWD-20 9/16/2003	FB091603B 9/16/2003	Dup-6 9/16/2003	SWBB-1 9/17/2003	SWBB-2 9/17/2003	SWBB-3 9/17/2003
		Freshwater Acute	Freshwater Chronic	Incidental Fisheries									
		Tier 1 PCLs	Tier 1 PCLs	Tier 1 PCLs (b)									
<i>Volatile Organics</i>													
1,1-Dichloroethane	94.5	15.40	5.13	---	5.13	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1-Dichloroethene	46.8	9.10	3.00	0.06	0.06	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,2-Dichloroethane	0.554	37.70	6.30	0.74	0.554	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1,1-Trichloroethane	187	14.70	4.90	125.86	4.90	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
1,1,2-Trichloroethane	0.884	---	1.80	1.60	0.884 (a)	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	9.36	42.0	14.0	---	9.36	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Tetrachloroethene	0.969	4.70	0.790	3.20	0.790	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Trichloroethene	4.58	---	1.110	6.12	1.110	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	
Vinyl Chloride	0.0336	---	---	4.15	0.0336 (a)	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.

--- = Not Available or provided by TCEQ

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) Based on age-adjusted contact recreational scenario, Appendix H of the Human Health and Ecological Risk Assessment for Surface Water and Sediment Report, Dated June 2003.

(b) Applicable to the Harris County Flood Control Ditch.

SWD = Surface Water Harris County Flood Control Ditch.

SWBB = Surface Water Buffalo Bayou.

Dup-6=Duplicate sample of SWD-19 collected on September 16, 2003.

FB091603B=Field blank sample collected in the Harris County Flood Control Ditch on September 16, 2003.

TABLE 2 (Cont'd)

Summary of Surface Water Data  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

Constituent	Recreational Contact Age-Adjusted PCLs (a)	Aquatic Life <sup>SW</sup> RBELs				Critical PCLs	Location: Date:	SWBB-4 9/17/2003	SWBB-5 9/17/2003	SWBB-6 9/17/2003	SWBB-7 9/17/2003	SWBB-8 9/17/2003	SWBB-9 9/17/2003	SWBB-10 9/17/2003
		Freshwater Acute Tier 1 PCLs	Freshwater Chronic Tier 1 PCLs	Incidental Fisheries Tier 1 PCLs (b)										
<i>Volatile Organics</i>														
1,1-Dichloroethane	94.5	15.40	5.13	---	5.13		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-Dichloroethene	46.8	9.10	3.00	0.06	0.06		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	0.554	37.70	6.30	0.74	0.554		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,1-Trichloroethane	187	14.70	4.90	125.86	4.90		ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
1,1,2-Trichloroethane	0.884	---	1.80	1.60	0.884 (a)		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	9.36	42.0	14.0	---	9.36		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	0.969	4.70	0.790	3.20	0.790		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	4.58	---	1.110	6.12	1.110		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	0.0336	---	---	4.15	0.0336 (a)		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.

--- = Not Available or provided by TCEQ

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) Based on age-adjusted contact recreational scenario, Appendix H of the Human Health and Ecological Risk Assessment for Surface Water and Sediment Report, Dated June 2003.

(b) Applicable to the Harris County Flood Control Ditch.

SWD = Surface Water Harris County Flood Control Ditch.

SWBB = Surface Water Buffalo Bayou.

Dup-6=Duplicate sample of SWD-19 collected on September 16, 2003.

FB091603B=Field blank sample collected in the Harris County Flood Control Ditch on September 16, 2003.

TABLE 3

Summary of Antimony and Copper in Ground Water for the Cooling Water Pond Area  
Second Half 2003 Monitoring Letter

Former Cameron Iron Works Facility  
Houston, Texas

		Location: KMW-11					Location: KMW-13					
GW <sub>ing</sub> (a)		Depth (b) 25					Depth (b) 25					
Constituent	Tier 1 PCLs	6/21/1991	3/4/2002	9/17/2002	3/18/2003	9/16/2003	6/21/1991	11/5/1991	1/24/1997	3/4/2002	9/16/2002	6/17/2003
<i>Metals</i>												
Antimony	0.0060	ND(0.05)	ND(0.005)	ND(0.005)	ND(0.005)	NA	ND(0.05)	ND(0.05)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
Copper	1.3	ND(0.002)	NA	ND(0.005)	0.00195 J	0.00195 J	ND(0.002)	ND(0.002)	0.03	NA	ND(0.005)	0.00166
		Location: KMW-14					Location: KMW-15					
GW <sub>ing</sub> (a)		Depth (b) 25					Depth (b) 25					
Constituent	Tier 1 PCLs	6/21/1991	1/24/1997	3/5/2002	9/16/2002	6/17/2003	6/21/1991	11/5/1991	2/6/1997	3/5/2002	9/17/2002	6/17/2003
<i>Metals</i>												
Antimony	0.0060	ND(0.05)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.05)	ND(0.05)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
Copper	1.3	ND(0.002)	0.02	NA	ND(0.005)	0.00122 UJ	ND(0.002)	ND(0.002)	0.01	NA	ND(0.005)	0.00215 UJ
		Location: KMW-16										
GW <sub>ing</sub> (a)		Depth (b) 25										
Constituent	Tier 1 PCLs	6/21/1991	2/10/1997	3/5/2002	9/17/2002	6/17/2003						
<i>Metals</i>												
Antimony	0.0060	ND(0.05)	ND(0.06)	ND(0.005)	ND(0.005)	ND(0.005)						
Copper	1.3	ND(0.002)	0.03	NA	ND(0.005)	0.00210 UJ						

## NOTES:

The reported concentrations are in mg/L.

NA = Not Analyzed.

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 March 31, 2003.

(b) The screen intervals are reported in feet below ground surface.

(c) The constituent is screened from the COC list or is a typical laboratory contaminant but is shown for completeness.

UJ = Not Detected, sample quantitation limit is estimated.



**Drilling Logs and Well Reports**  
*Attachment 2*

*January 27, 2004*  
*W.O. #389-059*

**Environmental Resources Management**  
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