CONESTOGA-ROVERS
& ASSOCIATES

ANALYTICAL DATA ASSESSMENT AND VALIDATION REPORT
TIER 1 REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
JEFFERSON, TEXAS

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EXECUTIVE SUMMARY

Conestoga-Rovers and Associates (CRA) on behalf of Chevron Environmental Management Company (CEMC) and Huntsman Petrochemical Corporation (Huntsman) submits herein the Analytical Data Assessment and Validation Report for surface water, sediment, and soil samples collected during the Tier 1 Remedial Investigation (RI) of the Star Lake Canal Superfund Site in Jefferson County, Texas (Site). The Analytical Data Assessment and Validation Report details an assessment and validation of analytical data reported for the Tier 1 RI by Lancaster Laboratories Inc. located in Lancaster Pennsylvania.

CRA collected 104 sediment samples, 31 surface water samples, and four soil samples during the Tier 1 RI field activities. The samples were analyzed for one or more of the following constituents: volatile organic compounds (VOC); semi-volatile organic compounds (SVOC); polynuclear aromatic hydrocarbons (PAH); pesticides; polychlorinated biphenyls (PCBs); total petroleum hydrocarbons (TPH); metals; and various general chemistry analyses. During the analytical data assessment and validation process 164 results out of 27,176 total analyses (0.6 percent) were rejected. Specific reasons for failure of the 164 results are detailed in the Data Assessment and Validation Report.

Of the 164 results that failed the data validation and assessment process, 46 results failed for benzaldehyde analysis in samples collected from various locations at the Site due to laboratory control sample (LCS) issues. Thirty-three results failed for 1,2-, 1,3-, and 1,4-dichlorobenzene analysis primarily due to laboratory surrogate and internal standard (IS) issues. The results that failed for 1,2-, 1-3, and 1,4-dichlorobenzene were results from samples collected from Molasses Bayou.

Thirteen results failed for 1,1,2,2-tetrachloroethane analysis and 12 results failed for 1,2,4-trichlorobenzene analysis for several reasons including surrogate and IS issues. Thirteen results failed for 1,2-Dibromo-3-chloropropane (DBCP) analysis primarily because of surrogate and IS outliers. Several other results failed for varying analytes at various sample locations, but no specific pattern or cause for failure could be identified.

Based on the data validation detailed in the Data Assessment and Validation Report, 27,012 of the total 27,176 analytical results are useable for risk assessment purposes with the qualifications noted herein.

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1.0 INTRODUCTION

Conestoga-Rovers and Associates (CRA) on behalf of Chevron Environmental Management Company (CEMC) and Huntsman Petrochemical Corporation (Hunstman) submits herein the Analytical Data Assessment and Validation Report for surface water, sediment, and soil samples collected during the Tier 1 Remedial Investigation (RI) of the Star Lake Canal Superfund Site in Jefferson County, Texas (Site). The Analytical Data Assessment and Validation Report details an assessment and validation of analytical data reported for the Tier 1 RI by Lancaster Laboratories Inc. located in Lancaster Pennsylvania.

A summary of surface water samples collected during the Tier 1 RI are listed on Table 1A and a summary of sediment and soil samples collected during the Tier 1 RI are listed on Table 1B. All samples were analyzed for one or more of the following: volatile organic compounds (VOC); semi-volatile organic compounds (SVOC); polynuclear aromatic hydrocarbons (PAH); pesticides; polychlorinated biphenyls (PCBs); total petroleum hydrocarbons (TPH); metals; and various general chemistry analyses. A summary of the analytical data is presented in Tables 2A, 2B, and 2C. A summary of the analytical methodology is presented in Table 3. Non-detect analytical results were reported down to the sample quantitation limits (SQLs). Analytical results between the practical quantitation limits (PQLs) and SQLs were qualified as estimated (J) by the laboratory. All soil sample analytical results were reported on a dry-weight basis.

These data were validated in accordance with the analytical methods and the documents that follow:

i) USEPA Contract Laboratory Program "National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999;

ii) USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994; and

iii) Quality Assurance Project Plan (QAPP) of the Tier 1 Remedial Investigation Work Plan for the Star Lake Canal Superfund Site, Jefferson County, Texas dated June 2006 prepared for CEMC and Huntsman.

Full Contract Laboratory Program (CLP)-equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results and supporting quality assurance/quality control (QA/QC) provided.

2.0 SAMPLE HOLDING TIMES

Sample holding time requirements are summarized in Table 3. All sample analyses were performed within the method-specified holding times. In addition, all samples were properly cooled to 4°C (±2°C) after collection.

Dissolved analytes that were qualified due to the lack of field filtration and/or preservation are listed on Table 4.

3.0 GAS CHROMATOGRAPH/MASS SPECTROMETER (GC/MS) TUNING AND MASS CALIBRATION – VOC, SVOC, AND PAH

Prior to analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the VOC, SVOC, and PAH methods require the analysis of the specific tuning compounds bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the method before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours throughout sample analysis to ensure the continued optimization of the instrument.

Instrument tuning data were reviewed. Tuning compounds were analyzed at the required frequency throughout the analysis periods. All tuning criteria were met for the analyses, indicating proper optimization of the instrumentation.

4.0 INSTRUMENT CALIBRATION

4.1 GC/MS CALIBRATION – VOC, SVOC, AND PAH

4.1.1 INITIAL CALIBRATION

To quantify compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range.

Calibration data were reviewed for all samples. Linearity of the calibration curve and instrument sensitivity were evaluated against the following criteria:

i) all relative response factors (RRFs) must be greater than or equal to 0.05; and

ii) percent relative standard deviation (%RSD) values must not exceed 30 percent or if linear regression is used, the correlation coefficient (R^2) value must be at least 0.990.

The initial calibration data were reviewed. VOC analytes that did not meet the criteria listed above were qualified, positive results as estimated and associated non-detect results were rejected. Sample results that were qualified due to outlying initial calibration are listed on Table 5.

4.1.2 CONTINUING CALIBRATION

To ensure that instrument calibration is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours.

The following criteria were employed to evaluate continuing calibration data:

i) all RRF values must be greater than or equal to 0.05; and

ii) percent difference (%D) values must not exceed 25 percent.

The continuing calibration was reviewed and it was determined that calibration standards were analyzed at the required frequency. VOC and SVOC analytes that did not meet the criteria listed above were qualified, positive results as estimated and associated non-detect results were rejected. Sample results that were qualified due to outlying continuing calibration are listed on Table 6.

4.2 GC CALIBRATION – PESTICIDES, PCBs, AND TPH

4.2.1 INITIAL CALIBRATION

To quantify compounds of interest, calibration of the gas chromatograph (GC) over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curves is

assessed against a %RSD criterion of 20 percent or a correlation coefficient greater than 0.995.

Initial calibration standards were analyzed at the required frequencies and all retention time and linearity criteria were satisfied.

4.2.2 CONTINUING CALIBRATION

To ensure that the calibration of the instrument is valid throughout the sample analysis period, continuing calibration standards are analyzed and evaluated on a regular basis. After the initial calibration sequence, medium level standards are analyzed every 12 hours.

To evaluate the continued linearity of the calibration, %D values are calculated for each compound in all continuing standards and assessed against an acceptance criterion of 15 percent for PCBs and 25 percent for the pesticides.

The continuing calibration was reviewed and it was determined that continuing standards were analyzed at the required frequency. Pesticide, PCB, and TPH analytes that did not meet the criteria listed above were qualified, positive results as estimated. Sample results that were qualified due to outlying continuing calibration are listed on Table 6.

4.3 METALS AND GENERAL CHEMISTRY CALIBRATION

4.3.1 INITIAL CALIBRATION

Initial calibration of the instruments ensures that they are capable of producing satisfactory quantitative data at the beginning of a series of analyses. For inductively coupled plasma (ICP) and inductively coupled plasma/mass spectrometer (ICP/MS) analyses, a calibration blank and at least one standard must be analyzed at each wavelength to establish the analytical curve. For cold vapor atomic absorption (CVAA) and instrumental wet chemistry analyses, a calibration blank and a minimum of four standards must be analyzed to establish the analytical curve. Resulting correlation coefficients for curves consisting of a blank and four or more standards must be at least 0.995.

After the analyses of the calibration curves, an initial calibration verification (ICV) standard must be analyzed to verify the analytical accuracy of the calibration curves. All analyte recoveries from the analyses of the ICVs must be within the following control limits:

Analytical Method	*Inorganic Species*	*Control Limits (Percent)*
ICP and ICP/MS	Metals	90 – 110
CVAA	Mercury	80 – 120
Instrumental Wet Chemistry	Hexavalent Chromium, Cyanide, Total Organic Carbon (TOC)	85 - 115

Upon review of the initial calibration data, it was determined that all inorganic calibration curves and ICVs were analyzed at the proper frequencies and that all of the above-specified criteria were met. The laboratory effectively demonstrated that instrumentation used for these analyses were properly calibrated prior to sample analyses.

4.3.2 CONTINUING CALIBRATION

To ensure that instrument calibration is acceptable throughout the sample analysis period, continuing calibration verification (CCV) standards are analyzed on a regular basis. Each CCV is deemed acceptable if all analyte recoveries are within the control limits specified above for the ICVs. If some of the CCV analyte recoveries are outside the control limits, samples analyzed before and after the CCV, up until the previous and proceeding CCV analyses, are affected.

For this study, CCVs were analyzed at the proper frequency. All analyte recoveries reported for the CCVs were within the specified limits.

5.0 SURROGATE SPIKE RECOVERIES - ORGANICS

In accordance with the methods employed, all samples, blanks, and standards analyzed for VOC, SVOC, PAH, pesticides, PCBs, and TPH are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of individual sample matrices on analytical efficiency and are assessed against method control limits. For the GC/MS SVOC and PAH methods, it is acceptable for one surrogate recovery per fraction (base neutral or acid phenolic) to fall outside of these limits, provided it is greater than 10 percent.

The surrogate spike recovery data was reviewed and it was determined that surrogate recoveries were within the laboratory control limits with the exception of VOC, PAH, and TPH results listed on Table 7. Low and high recoveries were observed for the results listed on Table 7. The associated sample results with low recoveries were qualified as estimated to reflect the potential low bias. The associated sample results with high recoveries were qualified as estimated and the non-detect results with high recoveries were not qualified as they would not have been impacted by the implied high bias.

In instances where surrogate recoveries from organic analyses were out of range due to sample dilutions, the surrogate results for these samples were not used to evaluate sample matrices.

6.0 INTERNAL STANDARD (IS) RECOVERIES - VOC, SVOC, AND PAH

To correct for changes in GC/MS response and sensitivity, IS compounds are added to investigative samples and quality control samples prior to and GC/MS VOC, SVOC, and PAH analyses. All results are calculated as a ratio of the IS response. The criteria by which the IS results are assessed are as follows:

i) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard; and

ii) the retention time of the IS must not vary more than ±30 seconds from the associated calibration standard.

The IS recovery data was reviewed and it was determined that IS recoveries were within the acceptance criteria with the exception of results listed on Table 8. Low and high recoveries were observed for the results listed on Table 8. The associated sample results with IS results less than 25 percent are rejected, and sample results associated with IS results between 25 and 49 percent were qualified as estimated to reflect the potential low bias. Sample results with high IS recovery results were qualified as estimated and the non-detect results with high IS results were not qualified as they would not have been impacted by the implied high bias.

7.0 LABORATORY BLANK ANALYSES

The purpose of assessing the results of laboratory blank analyses is to determine the existence and magnitude of sample contamination introduced during analysis. Method blanks are prepared from deionized water and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the laboratory procedures.

For this study, method blanks were analyzed at a minimum frequency of one per analytical batch. Calibration blanks were analyzed for inorganic analyses at a frequency of one every ten samples.

Upon review of the initial calibration blanks, continuing calibration blanks, and preparation blanks, it was noted that some VOC and metal concentrations were detected above the method detection limit (MDL) in the preparation and/or calibration blanks.

In accordance with the National Functional Guidelines for Organic Data Review and Inorganic Data Review all sample results greater than the MDL but less than five times the amount detected in the associated blank were qualified as non-detect. Qualified sample results due to analyte concentrations in the laboratory blanks are listed on Table 9. All remaining investigative samples associated with contaminated laboratory blanks yielded either non-detect concentrations or concentrations greater than five times the associated laboratory blank concentrations for the analytes of interest. Thus, qualification of the remaining sample data was not required.

8.0 LABORATORY CONTROL SAMPLE (LCS) ANALYSES

The LCS and laboratory control sample duplicates (LCSD) serve as a measure of overall analytical performance. LCSs are prepared with all analytes of interest and analyzed with each sample batch.

LCSs were prepared and analyzed for all parameters. The LCS recoveries were within the laboratory control limits and comparison with the LCSD results showed good analytical precision with the exception of results listed on Table 10, which lists qualified sample results due to outlying laboratory control sample/laboratory control sample duplicate results. Non-detect sample results associated with LCS recoveries below 10 percent were rejected, and sample results associated with LCS recoveries between 10 percent and the lower acceptance criteria were qualified as estimated to reflect the potential low bias. Sample results associated with high LCS recoveries were qualified as

estimated and the non-detect results associated with high LCS recoveries were not qualified as they would not have been impacted by the implied high bias.

9.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) AND MATRIX SPIKE/LABORATORY DUPLICATE (MS/DUP) ANALYSES

MS/MSD samples are prepared using a representative subset of analytes for each parameter and analyzed with each sample batch for the organic and inorganic parameters. The recoveries of spike analyses are used to assess the analytical accuracy achieved on individual sample matrices. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed. The relative percent difference (RPD) between the MS and MSD are used to assess analytical precision.

The spike recoveries showed acceptable accuracy and the duplicate and spike duplicate results showed acceptable overall precision with the exception of results listed on Table 11, which lists qualified sample results due to outlying matrix spike/matrix spike duplicate results.

For VOC, SVOC, PAH, pesticide, and TPH compounds, non-detect sample results associated with LCS recoveries below 10 percent were rejected, and sample results associated with LCS recoveries between 10 percent and the lower acceptance criteria were qualified as estimated to reflect the potential low bias. For metals and general chemistry analytes, sample results associated with low recoveries were qualified as estimated to reflect the potential low bias. Sample results associated with high recoveries of spike analyses were qualified as estimated and the non-detect results associated with high recoveries of spike analyses were not qualified as they would not have been impacted by the implied high bias.

Samples results associated with high RPDs were qualified as estimated. Non-detect samples results associated with high RPDs would not have been impacted.

10.0 DUPLICATE SAMPLE ANALYSES

For inorganic parameters, analytical precision is evaluated based on the analysis of duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory for metals, cyanide, and hexavalent chromium.

Duplicate analyses performed were acceptable, demonstrating good analytical precision with the exception of results listed on Table 12, which lists sample results that were qualified due to outlying laboratory duplicate results.

11.0 ICP AND ICP/MS INTERFERENCE CHECK SAMPLE (ICS) ANALYSIS

To verify that proper inter-element and background correction factors have been established by the laboratory, ICSs are analyzed. These samples contain high concentrations of aluminum, calcium, magnesium, and iron and are analyzed at the beginning of each sample analysis period.

ICS analysis results were evaluated for all samples. All ICS recoveries were within the established control limits of 80 to 120 percent. Some false positives were detected, but the associated samples did not have comparable interferent levels and further evaluation was not necessary.

12.0 ICP AND ICP/MS SERIAL DILUTION

The serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. A minimum of one investigative sample is analyzed at a five-fold dilution. For samples yielding analyte concentrations greater than 50 times the IDL, the serial dilution results must agree within 10 percent of the original results.

Serial dilutions were performed for metals, and analyses met the above criteria with the exception of the results listed on Table 13, which lists sample results that were qualified due to outlying serial dilution results. Results associated with outlying percent differences were qualified as estimated.

13.0 FIELD QA/QC

13.1 FIELD DUPLICATES

To assess the analytical and sampling protocol precision, two water field duplicates were collected and submitted "blind" to the laboratory, as indicated in Table 1A. The samples were assessed against an RPD criteria of 50. Results showed good precision for sampling and analytical procedures with the exception of results listed on Table 14,

which lists qualified sample results due to variability in field duplicate results. Results associated with variability in the field duplicate results were qualified as estimated.

13.2 EQUIPMENT RINSE BLANKS

Equipment rinse blank results identify possible contamination introduced during sample collection and/or analysis. Rinse blanks were collected at the frequency specified in the QAPP. VOCs, SVOCs, PAHs, pesticides, and metals concentrations were detected in the rinse blanks. Associated samples with concentrations similar to those detected in the blanks were qualified as non-detect and are listed on Table 15.

13.3 TRIP BLANKS

Trip blanks are transported, stored, and analyzed with the investigative samples to identify potential cross-contamination of volatiles. Trip blanks were collected at the proper frequency. VOC concentrations were detected in the trip blanks. Associated samples with concentrations similar to those detected in the blanks were qualified as non-detect and are listed on Table 16.

13.4 FIELD BLANKS

Field blanks are collected with the investigative samples to assess potential cross-contamination of samples from chemicals in the ambient air. Field blanks were collected for volatiles at the frequency specified in the QAPP. VOC concentrations were detected in the field blanks. Associated samples with concentrations similar to those detected in the blanks were qualified as non-detect and are listed on Table 17.

14.0 GENERAL COMMENTS

Variability in results was observed between the two columns used for pesticide and PCB analyses. Samples with variability that exceeded the method RPD criteria of 25 percent were qualified as estimated or as presumptively present when the RPD was greater than 70 percent and are listed on Table 18.

Performance evaluation mixtures (PEM) were analyzed to assess the dichlorodiphenyltrichloroethane (DDT)/endrin breakdown on the columns. All

associated results in which DDT degradation criterion was exceeded for some of the PEM were qualified as shown in Table 19.

If dissolved metals results were significantly greater than the associated total metal result the associated results were qualified as estimated and are listed on Table 20.

15.0 CONCLUSION

CRA collected 104 sediment samples, 31 surface water samples, and four soil samples during the Tier 1 RI field activities. The samples were analyzed for one or more of the following constituents: volatile organic compounds (VOC); semi-volatile organic compounds (SVOC); polynuclear aromatic hydrocarbons (PAH); pesticides; polychlorinated biphenyls (PCBs); total petroleum hydrocarbons (TPH); metals; and various general chemistry analyses. During the analytical data assessment and validation process 164 results out of 27,176 total analyses (0.6 percent) were rejected. Specific reasons for failure of the 164 results are detailed in the Data Assessment and Validation Report.

Of the 164 results that failed the data validation and assessment process, 46 results failed for benzaldehyde analysis in samples collected from various locations at the Site due to laboratory control sample (LCS) issues. Thirty-three results failed for 1,2-, 1,3-, and 1,4-dichlorobenzene analysis primarily due to laboratory surrogate and internal standard (IS) issues. The results that failed for 1,2-, 1-3, and 1,4-dichlorobenzene were results from samples collected from Molasses Bayou.

Thirteen results failed for 1,1,2,2-tetrachloroethane analysis and 12 results failed for 1,2,4-trichlorobenzene analysis for several reasons including surrogate and IS issues. Thirteen results failed for 1,2-Dibromo-3-chloropropane (DBCP) analysis primarily because of surrogate and IS outliers. Several other results failed for varying analytes at various sample locations, but no specific pattern or cause for failure could be identified.

Based on the data validation detailed in the Data Validation Analytical Report, 27,012 of the total 27,176 analytical results are useable for risk assessment purposes with the qualifications noted herein.

TABLES

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TABLE 1A

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters												
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*Total Metals (6020/6010B/7470A)*	*Dissolved Metals (6020/6010B/7470A)*	*Total Hexavalent Chromium (7196A)*	*Dissolved Hexavalent Chromium (7196A)*	*Total Cyanide (9012A)*	*Dissolved Cyanide (9012A)*	*Comments*
STAR LAKE CANAL																	
27545-T1-12/10/06-SW-SLC-1	SLC-1	WS	10/12/06	1255	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-12/10/06-SW-SLC-2	SLC-2	WS	10/12/06	1551	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-12/10/06-SW-SLC-3	SLC-3	WS	10/13/06	0939	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-SLC-4	SLC-4	WS	10/13/06	1052	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-SLC-5	SLC-5	WS	10/13/06	1317	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-SLC-7	SLC-7	WS	10/13/06	1605	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-SLC-8	SLC-8	WS	10/18/06	1430	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-SLC-9	SLC-9	WS	10/19/06	1130	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-WR-1	SLC-9	WS	10/19/06	-	X	X	X	X	X	X	X	X	X	X	X	X	Duplicate of 27545-19/10/06-SW-SLC-9
JEFFERSON CANAL																	
27545-T1-18/10/06-SW-JC-1	JC-1	WS	10/18/06	1000	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-JC-2	JC-2	WS	10/19/06	1300	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-WR-2	JC-2	WS	10/19/06	-	X	X	X	X	X	X	X	X	X	X	X	X	Duplicate of 27545-19/10/06-SW-JC-2
27545-T1-19/10/06-SW-JC-3	JC-3	WS	10/19/06	1415	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-JC-4	JC-4	WS	10/19/06	1515	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-JC-5	JC-5	WS	10/19/06	1600	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-JC-6	JC-6	WS	10/19/06	1625	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-JC-7	JC-7	WS	10/19/06	1546	X	X	X	X	X	X	X	X	X	X	X	X	
GULF STATES UTILITY CANAL																	
27545-T1-19/10/06-SW-GSUC-1	GSUC-1	WS	10/19/06	1135	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-GSUC-2	GSUC-2	WS	10/18/06	1200	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-GSUC-3	GSUC-3	WS	10/19/06	1225	X	X	X	X	X	X	X	X	X	X	X	X	

TABLE 1A

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters											
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*Total Metals (6020/6010B/7470A)*	*Dissolved Metals (6020/6010B/7470A)*	*Total Hexavalent Chromium (7196A)*	*Dissolved Hexavalent Chromium (7196A)*	*Total Cyanide (9012A)*	*Dissolved Cyanide (9012A)*	*Comments*
MOLASSES BAYOU																	
27545-T1-13/10/06-SW-MB-1	MB-1	WS	10/13/06	0847	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-MB-4	MB-4	WS	10/13/06	1055	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-MB-6	MB-6	WS	10/13/06	1137	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-10	MB-10	WS	10/18/06	0905	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-13	MB-13	WS	10/18/06	1000	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-14	MB-14	WS	10/18/06	1025	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-18	MB-18	WS	10/18/06	1120	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-21	MB-21	WS	10/18/06	1415	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-24	MB-24	WS	10/18/06	1445	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-13/10/06-SW-MB-27	MB-27	WS	10/13/06	1431	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-28	MB-28	WS	10/18/06	1520	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-18/10/06-SW-MB-29	MB-29	WS	10/18/06	1545	X	X	X	X	X	X	X	X	X	X	X	X	
27545-T1-19/10/06-SW-MB-32	MB-32	WS	10/19/06	1110	X	X	X	X	X	X	X	X	X	X	X	X	

Notes:
PAHs Polynuclear Aromatic Hydrocarbons.
PCBs Polychlorinated Biphenyls.
SIM Selective Ion Monitoring.
SVOCs Semi-volatile Organic Compounds.
TPH Total Petroleum Hydrocarbons.
VOCs Volatile Organic Compounds.

TABLE 1B

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SEDIMENT AND SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters														
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*TPH Fractions (TX1006)*	*Total Metals (6010B/7471A)*	*Total Metals (6020/6010B/7471A)*	*Total Cr-VI (7196A)*	*Total Cyanide (9012A)*	*AVS/SEM Metals (USEPA 821-R-91-100)*	*TOC (Walkley Black)*	*Percent Moisture (USEPA 160.3)*	*Particle Size (ASTM D 422)*
STAR LAKE CANAL																			
27545-T1-12/10/06-SE-SLC-1(surface)	SLC-1	SE	10/12/06	1451	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-12/10/06-SE-SLC-1(mid)	SLC-1	SE	10/12/06	1451	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-12/10/06-SE-SLC-1(refusal)	SLC-1	SE	10/12/06	1451	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-12/10/06-SE-SLC-2(surface)	SLC-2	SE	10/12/06	1632	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-12/10/06-SE-SLC-2(mid)	SLC-2	SE	10/12/06	1632	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-12/10/06-SE-SLC-2(refusal)	SLC-2	SE	10/12/06	1632	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-3(surface)	SLC-3	SE	10/19/06	1000	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-SLC-3(mid)	SLC-3	SE	10/19/06	1000	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-3(refusal)	SLC-3	SE	10/19/06	1000	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-SLC-4(surface)	SLC-4	SE	10/13/06	1121	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-13/10/06-SE-SLC-4(mid)	SLC-4	SE	10/13/06	1121	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-SLC-4(refusal)	SLC-4	SE	10/13/06	1121	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-SLC-5(surface)	SLC-5	SE	10/13/06	1334	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-13/10/06-SE-SLC-5(mid)	SLC-5	SE	10/13/06	1334	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-SLC-5(refusal)	SLC-5	SE	10/13/06	1334	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-6(surface)	SLC-6	SE	10/19/06	0910	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-SLC-6(mid)	SLC-6	SE	10/19/06	0910	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-6(refusal)	SLC-6	SE	10/19/06	0910	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-18/10/06-SE-SLC-7(surface)	SLC-7	SE	10/18/06	1137	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-SLC-7(mid)	SLC-7	SE	10/18/06	1137	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-18/10/06-SE-SLC-7(refusal)	SLC-7	SE	10/18/06	1137	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-8(surface)	SLC-8	SE	10/19/06	1030	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-SLC-8(mid)	SLC-8	SE	10/19/06	1030	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-SLC-8(refusal)	SLC-8	SE	10/19/06	1030	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-18/10/06-SE-SLC-9(surface)	SLC-9	SE	10/18/06	1630	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-SLC-9(mid)	SLC-9	SE	10/18/06	1630	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-18/10/06-SE-SLC-9(refusal)	SLC-9	SE	10/18/06	1630	X	X	X	X	X	X	H	X		X	X		X	X	X

TABLE 1B

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SEDIMENT AND SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters														
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*TPH Fractions (TX1006)*	*Total Metals (6010B/7471A)*	*Total Metals (6020/6010B/7471A)*	*Total Cr-VI (7196A)*	*Total Cyanide (9012A)*	*AVS/SEM Metals (USEPA 821-R-91-100)*	*TOC (Walkley Black)*	*Percent Moisture (USEPA 160.3)*	*Particle Size (ASTM D 422)*
JEFFERSON CANAL																			
27545-T1-18/10/06-SE-JC-1(surface)	JC-1	SE	10/18/06	0900	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-JC-1(mid)	JC-1	SE	10/18/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-18/10/06-SE-JC-1(refusal)	JC-1	SE	10/18/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-2(surface)	JC-2	SE	10/19/06	1332	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-2(mid)	JC-2	SE	10/19/06	1332	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-2(refusal)	JC-2	SE	10/19/06	1332	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-3(surface)	JC-3	SE	10/19/06	1424	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-3(mid)	JC-3	SE	10/19/06	1424	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-3(refusal)	JC-3	SE	10/19/06	1424	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-4(surface)	JC-4	SE	10/19/06	1520	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-4(mid)	JC-4	SE	10/19/06	1520	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-4(refusal)	JC-4	SE	10/19/06	1520	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-5(surface)	JC-5	SE	10/19/06	1610	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-5(mid)	JC-5	SE	10/19/06	1610	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-5(refusal)	JC-5	SE	10/19/06	1610	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-6(surface)	JC-6	SE	10/19/06	1633	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-6(mid)	JC-6	SE	10/19/06	1633	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-6(refusal)	JC-6	SE	10/19/06	1633	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-7(surface)	JC-7	SE	10/19/06	1630	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-JC-7(mid)	JC-7	SE	10/19/06	1630	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-JC-7(refusal)	JC-7	SE	10/19/06	1630	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SO-JC-8 (0-2)	JC-8	SO	10/19/06	1620	X	X	X	X	X	X	H		X	X	X		X	X	X
27545-T1-19/10/06-SO-JC-9 (0-2)	JC-9	SO	10/19/06	1645	X	X	X	X	X	X	H		X	X	X		X	X	X
27545-T1-19/10/06-SO-JC-10 (0-2)	JC-10	SO	10/19/06	1430	X	X	X	X	X	X	H		X	X	X		X	X	X
27545-T1-19/10/06-SO-JC-11 (0-2)	JC-11	SO	10/19/06	1445	X	X	X	X	X	X	H		X	X	X		X	X	X

TABLE 1B

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SEDIMENT AND SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters														
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*TPH Fractions (TX1006)*	*Total Metals (6010B/7471A)*	*Total Metals (6020/6010B/7471A)*	*Total Cr-VI (7196A)*	*Total Cyanide (9012A)*	*AVS/SEM Metals (USEPA 821-R-91-100)*	*TOC (Walkley Black)*	*Percent Moisture (USEPA 160.3)*	*Particle Size (ASTM D 422)*
GULF STATES UTILITY CANAL																			
27545-T1-17/10/06-SE-GSUC-1(surface)	GSUC-1	SE	10/17/06	1415	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-GSUC-1(mid)	GSUC-1	SE	10/17/06	1415	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-GSUC-1(refusal)	GSUC-1	SE	10/17/06	1415	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-GSUC-2(surface)	GSUC-2	SE	10/17/06	1440	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-GSUC-2(mid)	GSUC-2	SE	10/17/06	1440	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-GSUC-2(refusal)	GSUC-2	SE	10/17/06	1440	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-GSUC-3(surface)	GSUC-3	SE	10/17/06	1505	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-GSUC-3(mid)	GSUC-3	SE	10/17/06	1505	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-GSUC-3(refusal)	GSUC-3	SE	10/17/06	1505	X	X	X	X	X	X	H	X		X	X		X	X	X
MOLASSES BAYOU																			
27545-T1-13/10/06-SE-MB-1(surface)	MB-1	SE	10/13/06	0900	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-13/10/06-SE-MB-1(mid)	MB-1	SE	10/13/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-MB-1(refusal)	MB-1	SE	10/13/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-13/10/06-SE-MB-2(surface)	MB-2	SE	10/13/06	0900	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-13/10/06-SE-MB-3(surface)	MB-3	SE	10/13/06	1000	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-13/10/06-SE-MB-4(surface)	MB-4	SE	10/13/06	1105	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-5(surface)	MB-5	SE	10/18/06	0935	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-6(surface)	MB-6	SE	10/18/06	1000	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-7(surface)	MB-7	SE	10/18/06	1015	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-8(surface)	MB-8	SE	10/18/06	1030	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-9(surface)	MB-9	SE	10/18/06	1115	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-10(surface)	MB-10	SE	10/18/06	0910	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-11(surface)	MB-11	SE	10/18/06	1143	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-12(surface)	MB-12	SE	10/18/06	1200	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-13(surface)	MB-13	SE	10/18/06	1405	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-14(surface)	MB-14	SE	10/18/06	1420	X	X	X	X	X	X	H	X		X	X	X	X	X	X

TABLE 1B

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SEDIMENT AND SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters														
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*TPH Fractions (TX1006)*	*Total Metals (6010B/7471A)*	*Total Metals (6020/6010B/7471A)*	*Total Cr-VI (7196A)*	*Total Cyanide (9012A)*	*AVS/SEM Metals (USEPA 821-R-91-100)*	*TOC (Walkley Black)*	*Percent Moisture (USEPA 160.3)*	*Particle Size (ASTM D 422)*
MOLASSES BAYOU (Cont'd.)																			
27545-T1-18/10/06-SE-MB-15(surface)	MB-15	SE	10/18/06	1444	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-16(surface)	MB-16	SE	10/18/06	1500	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-18/10/06-SE-MB-17(surface)	MB-17	SE	10/18/06	1600	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-18(surface)	MB-18	SE	10/17/06	0940	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-18(med)	MB-18	SE	10/17/06	0940	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-18(refusal)	MB-18	SE	10/17/06	0940	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-19(surface)	MB-19	SE	10/17/06	0830	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-20(surface)	MB-20	SE	10/17/06	0910	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-21(surface)	MB-21	SE	10/17/06	0900	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-21(mid)	MB-21	SE	10/17/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-21(refusal)	MB-21	SE	10/17/06	0900	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-22(surface)	MB-22	SE	10/17/06	0925	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-23(surface)	MB-23	SE	10/17/06	0915	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-24(surface)	MB-24	SE	10/17/06	1010	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-24(mid)	MB-24	SE	10/17/06	1010	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-24(refusal)	MB-24	SE	10/17/06	1010	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-25(surface)	MB-25	SE	10/17/06	0945	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-26(surface)	MB-26	SE	10/17/06	1030	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-MB-27(surface)	MB-27	SE	10/19/06	0915	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-19/10/06-SE-MB-27(mid)	MB-27	SE	10/19/06	0915	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-19/10/06-SE-MB-27(refusal)	MB-27	SE	10/19/06	0915	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-28(surface)	MB-28	SE	10/17/06	1105	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-28(mid)	MB-28	SE	10/17/06	1105	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-28(refusal)	MB-28	SE	10/17/06	1105	X	X	X	X	X	X	H	X		X	X		X	X	X
27545-T1-17/10/06-SE-MB-29(surface)	MB-29	SE	10/17/06	1005	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-30(surface)	MB-30	SE	10/17/06	1130	X	X	X	X	X	X	H	X		X	X	X	X	X	X

TABLE 1B

SAMPLE COLLECTION AND ANALYSIS SUMMARY - SEDIMENT AND SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

					Analysis/Parameters														
Sample ID	*Location ID*	*Matrix*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs (8260B)*	*SVOCs (8270C)*	*PAHs (8270 SIM)*	*Pesticides (8081A)*	*PCBs (8082)*	*TPH (TX1005)*	*TPH Fractions (TX1006)*	*Total Metals (6010B/7471A)*	*Total Metals (6020/6010B/7471A)*	*Total Cr-VI (7196A)*	*Total Cyanide (9012A)*	*AVS/SEM Metals (USEPA 821-R-91-100)*	*TOC (Walkley Black)*	*Percent Moisture (USEPA 160.3)*	*Particle Size (ASTM D 422)*
MOLASSES BAYOU (Cont'd.)																			
27545-T1-17/10/06-SE-MB-31(surface)	MB-31	SE	10/17/06	1040	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-32(surface)	MB-32	SE	10/17/06	1150	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-33(surface)	MB-33	SE	10/17/06	1100	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-34(surface)	MB-34	SE	10/17/06	1210	X	X	X	X	X	X	H	X		X	X	X	X	X	X
27545-T1-17/10/06-SE-MB-35(surface)	MB-35	SE	10/17/06	1130	X	X	X	X	X	X	H	X		X	X	X	X	X	X

Notes:

ASTM	American Society for Testing and Materials.
AVS	Acid Volatile Sulfide.
Cr	Chromium.
H	Hold.
PAHs	Polynuclear Aromatic Hydrocarbons.
PCBs	Polychlorinated Biphenyls.
SEM	Simultaneously Extracted Metals.
SIM	Selective Ion Monitoring.
SVOCs	Semi-volatile Organic Compounds.
TOC	Total Organic Carbon.
TPH	Total Petroleum Hydrocarbons.
USEPA	United States Environmental Protection Agency.
VOCs	Volatile Organic Compounds.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
	Sample ID:	*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										
Metals											
Aluminum	mg/L	0.306	0.219	0.491	2.65 J	1.88	1.20	1.44	1.74	3.29	4.60
Aluminum (Dissolved)	mg/L	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	0.165 J	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ
Antimony	mg/L	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097
Antimony (Dissolved)	mg/L	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ
Arsenic	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic (Dissolved)	mg/L	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ
Barium	mg/L	0.0659	0.0718	0.0679	0.0734	0.0692	0.0667	0.0788	0.0832	0.0801	0.100
Barium (Dissolved)	mg/L	0.0613 J	0.0572 J	0.0772 J	0.0594 J	0.0531 J	0.0655 J	0.0662 J	0.0643 J	0.0618 J	0.0651 J
Beryllium	mg/L	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
Beryllium (Dissolved)	mg/L	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ
Cadmium	mg/L	< 0.000099	< 0.000099	< 0.000099	< 0.000099	0.00016 J	< 0.000099	< 0.000099	< 0.000099	< 0.000099	< 0.000099
Cadmium (Dissolved)	mg/L	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ
Calcium	mg/L	57.0	44.2	24.7	25.7	33.4	37.2	43.0	45.8	62.0	117
Calcium (Dissolved)	mg/L	54.0 J	37.0 J	29.2 J	23.7 J	32.2 J	33.0 J	39.1 J	45.5 J	57.7 J	83.8 J
Chromium Total	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0045	0.0033 J	0.0027 J	0.0031 J	0.0038 J	0.0072 J	0.0128 J
Chromium Total (Dissolved)	mg/L	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	0.0024 J	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ
Chromium VI (Hexavalent)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Chromium VI (Hexavalent) (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cobalt	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0045 J	0.0101 J
Cobalt (Dissolved)	mg/L	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	0.0025 J	0.0044 J
Copper	mg/L	< 0.0022	< 0.0022	< 0.0022	0.0130 J	0.0219 J	0.0242 J	0.0324 J	0.0479 J	0.152	0.298
Copper (Dissolved)	mg/L	< 0.0022 UJ	< 0.0022 UJ	0.0025 J	0.0044 J	0.0052 J	0.0109 J	0.0058 J	0.0059 J	0.0299 J	0.0697 J
Iron	mg/L	0.710	0.993	1.21	1.86 J	1.41	1.01	1.24	1.49	2.86	4.15
Iron (Dissolved)	mg/L	0.197 J	0.235 J	0.277 J	0.0919 J	0.0908 J	0.240 J	0.127 J	0.112 J	0.161 J	0.162 J
Lead	mg/L	0.00063 J	0.00058 J	0.0020 J	0.0022 J	0.0025 J	0.0024 J	0.0022 J	0.0044 J	0.0045 J	0.0049 J
Lead (Dissolved)	mg/L	0.00020 J	0.00016 J	0.00035 J	0.00051 J	0.00023 J	0.00059 J	0.00029 J	0.00028 J	0.00026 J	0.00023 J
Magnesium	mg/L	134	90.2	37.7	8.57	3.77	3.43	3.93	3.64	4.58	6.85
Magnesium (Dissolved)	mg/L	130 J	76.9 J	52.7 J	7.75 J	3.17 J	3.28 J	3.56 J	3.46 J	3.96 J	4.78 J
Manganese	mg/L	1.19	0.996	0.886	0.242	0.125	0.160	0.285	0.245	0.513	0.852
Manganese (Dissolved)	mg/L	1.11 J	0.848 J	0.460 J	0.169 J	0.125 J	0.110 J	0.255 J	0.321 J	0.440 J	0.586 J
Mercury	mg/L	< 0.000056	< 0.000056	< 0.000056	0.00031 J	0.00014 J	< 0.000056	< 0.000056	< 0.000056	< 0.000056	< 0.000056
Mercury (Dissolved)	mg/L	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ
Nickel	mg/L	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	0.0079 J	0.0150 J
Nickel (Dissolved)	mg/L	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	0.0059 J
Potassium	mg/L	61.4 J	45.8 J	46.4 J	39.5	3.34 J	3.09 J	3.17 J	3.16 J	5.77 J	10.7 J
Potassium (Dissolved)	mg/L	68.9 J	52.9 J	49.8 J	34.6 J	3.17 J	2.87 J	3.31 J	3.29 J	5.65 J	8.03 J
Selenium	mg/L	0.0188	0.0102	0.0040 J	0.0025 J	0.0013 J	0.00070 J	0.00082 J	0.00090 J	0.0016 J	0.0034 J
Selenium (Dissolved)	mg/L	0.0370 J	0.0215 J	0.0136 J	0.0029 J	0.0020 J	0.0012 J	0.0017 J	0.0021 J	0.0034 J	0.0033 J
Silver	mg/L	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016
Silver (Dissolved)	mg/L	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ
Sodium	mg/L	1070 J	620 J	342 J	179	67.3 J	97.8 J	131 J	177 J	651 J	913 J
Sodium (Dissolved)	mg/L	1120 J	670 J	479 J	170 J	86.0 J	86.4 J	129 J	180 J	625 J	1110 J
Thallium	mg/L	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037
Thallium (Dissolved)	mg/L	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
	Sample ID:	*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										
Metals (Cont'd.)											
Vanadium	mg/L	0.0045 J	0.0046 J	0.0038 J	0.0184 J	0.0058 J	0.0052 J	0.0063 J	0.0082 J	0.0197 J	0.0382 J
Vanadium (Dissolved)	mg/L	0.0032 J	0.0038 J	0.0024 J	0.0124 J	0.0028 J	0.0033 J	0.0035 J	0.0041 J	0.0095 J	0.0141 J
Zinc	mg/L	0.0210 J	0.0171 J	0.0110 J	0.0666	0.0459 J	0.0558	0.0698	0.0987	0.301	0.575
Zinc (Dissolved)	mg/L	0.0147 J	0.0113 J	0.0082 J	0.0471 J	0.0191 J	< 0.0081 UJ	0.0308 J	0.0430 J	0.112 J	0.165 J
Polychlorinated Biphenyls											
Aroclor-1016 (PCB-1016)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1221 (PCB-1221)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1232 (PCB-1232)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1242 (PCB-1242)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1248 (PCB-1248)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1254 (PCB-1254)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Aroclor-1260 (PCB-1260)	mg/L	< 0.000096	< 0.000096	< 0.000097	< 0.000095	< 0.000095	< 0.000096	< 0.000096	< 0.000096	< 0.00048	< 0.00048
Pesticides											
4,4'-DDD	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000040	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000040
4,4'-DDE	mg/L	< 0.0000048	< 0.0000048	< 0.0000048	< 0.0000050	< 0.0000048	< 0.0000048	< 0.0000048	< 0.000019	0.000050 J	< 0.000090
4,4'-DDT	mg/L	< 0.0000058	< 0.0000057	< 0.0000058	< 0.0000060 UJ	< 0.0000057	< 0.0000058	< 0.0000058	< 0.0000057	< 0.0000057	< 0.0000060
Aldrin	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000040 UJ	< 0.0000038	< 0.000060	< 0.0000038	< 0.000040	< 0.00030	< 0.000020
alpha-BHC	mg/L	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000027 UJ	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000027
alpha-Chlordane	mg/L	< 0.0000029	0.0000032 J	< 0.0000029	< 0.0000030	0.0000029 J	< 0.0000029	< 0.0000029	< 0.000040	< 0.0000029	< 0.0000030
beta-BHC	mg/L	< 0.0000077	< 0.0000076	< 0.0000077	< 0.0000080 UJ	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000077	< 0.0000077	< 0.0000080
delta-BHC	mg/L	< 0.0000077	< 0.0000076	< 0.0000077	< 0.0000080	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000077	< 0.0000077	< 0.000050
Dieldrin	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	0.0000061 J	< 0.0000038	< 0.000020	< 0.000040	< 0.000050	< 0.00020	< 0.00025
Endosulfan I	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030	< 0.0000029	< 0.000020	< 0.000020	< 0.000030	< 0.00020	< 0.00017
Endosulfan II	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	0.0000092 J	< 0.000030	< 0.0000039	< 0.0000038	< 0.00020	< 0.00050	< 0.0011
Endosulfan sulfate	mg/L	< 0.000012	< 0.000011	< 0.000012	< 0.000012	< 0.000011	< 0.000012	< 0.000012	< 0.000030	< 0.00020	< 0.00018
Endrin	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000040	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000040
Endrin aldehyde	mg/L	< 0.000019	< 0.000019	< 0.000019	< 0.000020 UJ	< 0.000019	< 0.000050	< 0.000029	< 0.00020	< 0.00050	< 0.00010
Endrin ketone	mg/L	< 0.000012	< 0.000012	< 0.000013	< 0.000013	< 0.000012	< 0.000013	< 0.000013	< 0.000012	< 0.000012	< 0.000013
gamma-BHC (Lindane)	mg/L	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000020	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019	0.000010	0.000018
gamma-Chlordane	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000059	< 0.0000029	< 0.0000096	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030
Heptachlor	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030	< 0.0000029	0.0000054 J	< 0.0000029	0.0000078 J	< 0.0000029	< 0.0000030
Heptachlor epoxide	mg/L	< 0.0000077	< 0.0000076	< 0.0000077	< 0.0000080 UJ	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000077	< 0.0000077	< 0.0000080
Methoxychlor	mg/L	< 0.000029	< 0.000029	< 0.000029	< 0.000030	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.00030	< 0.00054
Toxaphene	mg/L	< 0.00029	< 0.00029	< 0.00029	< 0.00030	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00030
Petroleum Products											
Total Petroleum Hydrocarbons (>C12-C28)	mg/L	< 0.93	< 0.98	< 0.97	< 0.90 UJ	< 0.93	< 0.94	< 0.93	< 0.95	< 0.95	< 0.97
Total Petroleum Hydrocarbons (>C28-C35)	mg/L	< 0.93	< 0.98	< 0.97	< 0.90	< 0.93	< 0.94	< 0.93	< 0.95	< 0.95	< 0.97
Total Petroleum Hydrocarbons (C6-C12)	mg/L	< 0.93	< 0.98	< 0.97	< 0.90	< 0.93	< 0.94	< 0.93	< 0.95	< 0.95	< 0.97
Total Petroleum Hydrocarbons (C6-C35)	mg/L	< 0.93	< 0.98	< 0.97	< 0.90	< 0.93	< 0.94	< 0.93	< 0.95	< 0.95	< 0.97

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
	Sample ID:	*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	< 0.00021	< 0.00021	< 0.00021	0.0016 J	0.0032 J	0.0048 J	0.041	0.065	0.16	0.21
2,4,5-Trichlorophenol	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00032	< 0.00031	< 0.00031	< 0.00030	< 0.00030	< 0.00031	< 0.00030
2,4,6-Trichlorophenol	mg/L	< 0.00026	< 0.00026	< 0.00026	0.00090 J	0.0015 J	0.0016 J	0.0027 J	0.0032 J	0.012	0.022
2,4-Dichlorophenol	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00018	0.0010 J	0.00092 J	0.0016 J	0.0020 J	0.0073	0.014
2,4-Dimethylphenol	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00025	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
2,4-Dinitrophenol	mg/L	< 0.0038	< 0.0039	< 0.0038	< 0.0040	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0039	< 0.0038
2,4-Dinitrotoluene	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
2,6-Dinitrotoluene	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
2-Chloronaphthalene	mg/L	< 0.00014	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014
2-Chlorophenol	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00016	0.00045 J	0.00059 J	0.00077 J	0.00091 J	0.0039 J	0.0086
2-Methylnaphthalene	mg/L	< 0.00001	0.00002 J	0.00006	0.00008 J	0.00008	0.0002	0.00005	0.0005	0.0002	0.00002 J
2-Methylphenol	mg/L	< 0.00014	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014
2-Nitroaniline	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
2-Nitrophenol	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
3,3'-Dichlorobenzidine	mg/L	< 0.00035	< 0.00036	< 0.00036	< 0.00037	< 0.00035	< 0.00036	< 0.00035	< 0.00035	< 0.00036	< 0.00035
3-Nitroaniline	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
4,6-Dinitro-2-methylphenol	mg/L	< 0.00081	< 0.00082	< 0.00082	< 0.00085	< 0.00081	< 0.00082	< 0.00080	< 0.00081	< 0.00082	< 0.00081
4-Bromophenyl phenyl ether	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
4-Chloro-3-methylphenol	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00032	< 0.00031	< 0.00031	< 0.00030	< 0.00030	< 0.00031	< 0.00030
4-Chloroaniline	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00028
4-Chlorophenyl phenyl ether	mg/L	< 0.00013	< 0.00014	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013
4-Methylphenol	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
4-Nitroaniline	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
4-Nitrophenol	mg/L	< 0.0038	< 0.0039	< 0.0038	< 0.0040	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0039	< 0.0038
Acenaphthene	mg/L	< 0.00001	< 0.00001	0.0001	0.0001 J	0.0002	0.0003	0.0003	0.002	0.0001	0.0002
Acenaphthylene	mg/L	0.00004 J	0.00003 J	0.0001	0.00005 J	0.0001	0.0002	0.00008	0.020	0.0001	0.00009
Acetophenone	mg/L	< 0.00013	< 0.00014	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013
Anthracene	mg/L	< 0.00002	< 0.00002	0.00007	0.00002 J	0.00004 J	0.00005 J	0.00003 J	0.004	0.0001	0.00009
Atrazine	mg/L	< 0.00042	< 0.00042	< 0.00042	< 0.00044	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042
Benzaldehyde	mg/L	< 0.00020	< 0.00020	< 0.00020	R	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00035 J	0.00030 J
Benzo(a)anthracene	mg/L	< 0.00002	< 0.00002	0.00003 J	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.007	0.0001	0.0002
Benzo(a)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.006	0.0001	0.00007
Benzo(b)fluoranthene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	0.00002 J	0.00002 J	0.006	0.0002	0.0002
Benzo(g,h,i)perylene	mg/L	0.00004 J	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	0.00002 J	< 0.00002	0.002	0.0001	0.00005

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
Sample ID:		*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
Sample Date:		*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										
Semi-Volatiles (Cont'd.)											
Benzo(k)fluoranthene	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001 UJ	< 0.000009	< 0.00001	< 0.000009	< 0.000009	0.00009	0.00007
Biphenyl	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.00010	< 0.0001	< 0.0001	< 0.00009	< 0.00009	< 0.0001	< 0.0001
bis(2-Chloroethoxy)methane	mg/L	< 0.00029	< 0.00029	< 0.00029	< 0.00030	< 0.00029	< 0.00029	< 0.00028	< 0.00028	< 0.00029	< 0.00029
bis(2-Chloroethyl)ether	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00021	< 0.00020	< 0.00020	0.0014 J	0.0025 J	0.0049	0.0062
bis(2-Ethylhexyl)phthalate	mg/L	< 0.00061	< 0.00062	< 0.00061	< 0.00064	< 0.00061	< 0.00062	< 0.00060	< 0.00061	< 0.00062	0.00070 J
Butyl benzylphthalate	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00021	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Caprolactam	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Carbazole	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028	0.00043 J
Chrysene	mg/L	< 0.00002	< 0.00002	0.00003 J	< 0.00002 UJ	< 0.00002	0.00002 J	0.00002 J	0.007	0.0002	0.0002
Dibenz(a,h)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.0007	0.00004 J	< 0.00002
Dibenzofuran	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Diethyl phthalate	mg/L	< 0.00030	< 0.00030	< 0.00030	< 0.00031	< 0.00030	< 0.00030	< 0.00029	< 0.00029	< 0.00030	< 0.00029
Dimethyl phthalate	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00020	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Di-n-butylphthalate	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00028
Di-n-octyl phthalate	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Fluoranthene	mg/L	< 0.00001	0.00001 J	0.00007	0.00003 J	0.00004 J	0.00007	0.00007	0.012	0.0005	0.0009
Fluorene	mg/L	0.00003 J	0.00003 J	0.0001	0.00007 J	0.00007	0.0002	0.0001	0.002	0.00009	0.0001
Hexachlorobenzene	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00019	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Hexachlorobutadiene	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00045	< 0.00043	< 0.00043	< 0.00042	< 0.00043	< 0.00043	< 0.00043
Hexachlorocyclopentadiene	mg/L	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0020 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ
Hexachloroethane	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Indeno(1,2,3-cd)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.002	0.00009	0.00005 J
Isophorone	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00017	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Naphthalene	mg/L	< 0.00001	< 0.00001	< 0.00001	0.0003 J	0.0002	0.0007	< 0.000009	0.0009	0.0002	< 0.00001
Nitrobenzene	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
N-Nitrosodi-n-propylamine	mg/L	< 0.00032	< 0.00032	< 0.00032	< 0.00033	< 0.00032	< 0.00032	< 0.00031	< 0.00031	< 0.00032	< 0.00031
N-Nitrosodiphenylamine	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00028	< 0.00027	< 0.00027	< 0.00026	< 0.00027	< 0.00027	< 0.00027
Pentachlorophenol	mg/L	< 0.0038	< 0.0039	< 0.0038	0.016	0.028	0.034	0.049	0.072	0.27	0.52
Phenanthrene	mg/L	0.00001 J	0.00002 J	0.0002	0.00005 J	0.00008	0.0002	0.00007	0.006	0.0002	0.0003
Phenol	mg/L	< 0.00076	< 0.00077	< 0.00077	< 0.00080	< 0.00076	< 0.00077	< 0.00076	< 0.00076	< 0.00077	< 0.00076
Pyrene	mg/L	< 0.00002	< 0.00002	0.0001	0.00004 J	0.00005	0.00008	0.00007	0.029	0.0005	0.0007
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1,2,2-Tetrachloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,1,2-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.00009 J	< 0.00008
1,2,4-Trichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005 UJ	< 0.00009 UJ	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00008 J	0.00009 J	0.0028 J	0.0038 J	0.0093	0.012
1,2-Dichloropropane	mg/L	< 0.00004	< 0.00004	< 0.00004	0.0011 J	0.0017 J	0.0021 J	0.066	0.089	0.22	0.30
1,3-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
Sample ID:		*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
Sample Date:		*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										
Volatiles (Cont'd.)											
1,4-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00007	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2-Butanone (Methyl Ethyl Ketone)	mg/L	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
2-Hexanone	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Acetone	mg/L	< 0.0022 UJ	< 0.0037 UJ	< 0.0050 UJ	< 0.0061 UJ	< 0.0072 UJ	< 0.0041 UJ	< 0.0047 UJ	< 0.0050 UJ	< 0.0029 UJ	< 0.0046 UJ
Benzene	mg/L	< 0.00007	< 0.00007	< 0.00007	0.00016 J	< 0.00007	< 0.00007	0.00013 J	0.00013 J	0.00018 J	0.00020 J
Bromodichloromethane	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	0.00015 J
Bromoform	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Bromomethane (Methyl Bromide)	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Carbon disulfide	mg/L	< 0.00007	< 0.00012	< 0.00027	< 0.00012	< 0.00011	< 0.00017	< 0.00015	< 0.00029	< 0.00063	0.0011 J
Carbon tetrachloride	mg/L	< 0.00004	< 0.00004	< 0.00004	0.00006 J	0.00050 J	0.00062 J	0.0015 J	0.0011 J	0.0039 J	0.0077
Chlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00007 J
Chloroethane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Chloroform (Trichloromethane)	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00047	0.0016 J	0.0017 J	0.0029 J	0.0035 J	0.012	0.023
Chloromethane (Methyl Chloride)	mg/L	< 0.00018	< 0.00019	< 0.00023	< 0.00024	< 0.00049 UJ	< 0.00005	< 0.00005 UJ	< 0.00005 UJ	< 0.00005 UJ	< 0.00005 UJ
cis-1,2-Dichloroethene	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	0.00021 J	0.00029 J
cis-1,3-Dichloropropene	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Cyclohexane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00008 J	< 0.00005
Dibromochloromethane	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlorodifluoromethane (CFC-12)	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Ethylbenzene	mg/L	< 0.00002	< 0.00003	< 0.00001	< 0.00015	< 0.00019	< 0.00019	< 0.00037	< 0.00007	< 0.00003	< 0.00002
Isopropylbenzene	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
m&p-Xylene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.00014	< 0.00011	< 0.00012
Methyl acetate	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Methyl cyclohexane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Methyl Tert Butyl Ether	mg/L	< 0.00005	< 0.00005	< 0.00005	0.0001 J	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Methylene chloride	mg/L	< 0.00006	< 0.00009	< 0.00010	< 0.00006	< 0.00028	< 0.00025	< 0.00041	< 0.00044	< 0.00042	< 0.00056
o-Xylene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Styrene	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00008	< 0.00001 UJ	< 0.00003 UJ	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Tetrachloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Toluene	mg/L	< 0.00002	< 0.00005	< 0.00002	< 0.00007	< 0.00014	< 0.00016 UJ	< 0.00015	< 0.00006	< 0.00015	< 0.00004
trans-1,2-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.00014 J
trans-1,3-Dichloropropene	mg/L	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003
Trichloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	0.00013 J	0.00018 J
Trichlorofluoromethane (CFC-11)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Trifluorotrichloroethane (Freon 113)	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Vinyl chloride	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
General Chemistry											
Cyanide (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cyanide (total)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-2*	*GSUC-3*	*JC-1*	*JC-2*	*JC-2*	*JC-3*	*JC-4*	*JC-5*	*JC-6*
	Sample ID:	*T1-19/10/06-SW-GSUC-1*	*T1-19/10/06-SW-GSUC-2*	*T1-19/10/06-SW-GSUC-3*	*T1-18/10/06-SW-JC-1*	*T1-19/10/06-SW-JC-2*	*T1-19/10/06-SW-WR-2*	*T1-19/10/06-SW-JC-3*	*T1-19/10/06-SW-JC-4*	*T1-19/10/06-SW-JC-5*	*T1-19/10/06-SW-JC-6*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*										

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
	Sample ID:	*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
	Sample Date:	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*										
Metals											
Aluminum	mg/L	0.604	5.54 J	15.1 J	4.35 J	0.588 J	0.255 J	0.597 J	0.775 J	0.233 J	0.925 J
Aluminum (Dissolved)	mg/L	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ
Antimony	mg/L	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097
Antimony (Dissolved)	mg/L	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ
Arsenic	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic (Dissolved)	mg/L	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ
Barium	mg/L	0.212	0.102	0.150	0.119	0.0636	0.0744	0.0976	0.121	0.0810	0.0453 J
Barium (Dissolved)	mg/L	0.188 J	0.0809 J	0.124 J	0.102 J	0.0530 J	0.0697 J	0.0909 J	0.115 J	0.0755 J	0.0346 J
Beryllium	mg/L	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
Beryllium (Dissolved)	mg/L	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ
Cadmium	mg/L	< 0.000099	0.00026 J	0.00039 J	0.00039 J	< 0.000099	0.00014 J	0.00012 J	0.00013 J	< 0.000099	< 0.000099
Cadmium (Dissolved)	mg/L	< 0.000099 UJ	0.00014 J	0.00012 J	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ
Calcium	mg/L	81.4	153	153	153	72.0	89.2	96.1	110	65.2	25.1
Calcium (Dissolved)	mg/L	76.3 J	143 J	152 J	153 J	67.1 J	86.2 J	94.0 J	108 J	64.9 J	25.0 J
Chromium Total	mg/L	< 0.0023	0.0064 J	0.0174 J	0.0073 J	< 0.0023	< 0.0023	0.0051 J	< 0.0042	< 0.0023	< 0.0029
Chromium Total (Dissolved)	mg/L	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ
Chromium VI (Hexavalent)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Chromium VI (Hexavalent) (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cobalt	mg/L	0.0032 J	< 0.0025	< 0.0034	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Cobalt (Dissolved)	mg/L	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ
Copper	mg/L	0.0136 J	0.0049 J	0.0141 J	0.0059 J	0.0025 J	< 0.0022	< 0.0022	0.0040 J	< 0.0022	0.0028 J
Copper (Dissolved)	mg/L	0.0066 J	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ
Iron	mg/L	0.962	4.26	8.03	3.23	0.933 J	0.388 J	1.12 J	1.15 J	0.539 J	1.21 J
Iron (Dissolved)	mg/L	0.0832 J	< 0.0522 UJ	< 0.0522 UJ	< 0.0522 UJ	< 0.0522 UJ	0.0823 J	0.435 J	0.367 J	0.161 J	0.113 J
Lead	mg/L	0.0019 J	0.0036 J	0.0118	0.0043 J	0.00064 J	0.00096 J	0.0020 J	0.0036 J	0.00086 J	0.0024 J
Lead (Dissolved)	mg/L	0.00013 J	0.00019 J	0.00060 J	0.00015 J	0.000053 J	0.00022 J	0.00063 J	0.00065 J	0.00029 J	0.00022 J
Magnesium	mg/L	7.36	440	416	366	119	241	257	288	156	41.4
Magnesium (Dissolved)	mg/L	7.04 J	411 J	414 J	366 J	113 J	236 J	253 J	291 J	153 J	41.7 J
Manganese	mg/L	2.31	0.303	0.760	1.85	4.23	1.13	0.766	0.976	0.711	0.683
Manganese (Dissolved)	mg/L	1.99 J	< 0.00044 UJ	0.622 J	1.33 J	3.09 J	0.775 J	0.683 J	0.967 J	0.687 J	0.250 J
Mercury	mg/L	< 0.000056	< 0.000065	< 0.000064	< 0.00017	< 0.000056	< 0.000056	< 0.000056	< 0.000056	< 0.000056	< 0.000056
Mercury (Dissolved)	mg/L	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ
Nickel	mg/L	< 0.0056	< 0.0056	0.0058 J	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056
Nickel (Dissolved)	mg/L	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ
Potassium	mg/L	2.00 J	169 J	149 J	120 J	53.4	103	113	131	81.6	47.4
Potassium (Dissolved)	mg/L	2.18 J	155 J	148 J	120 J	49.0 J	98.4 J	114 J	131 J	71.3 J	42.9 J
Selenium	mg/L	0.00053 J	0.0925	0.112	0.111	0.0263	0.0655	0.0656	0.0732	0.0481	0.0134
Selenium (Dissolved)	mg/L	0.0023 J	0.0448 J	0.0505 J	0.0630 J	0.0246 J	0.0675 J	0.0737 J	0.0798 J	0.0193 J	0.0047 J
Silver	mg/L	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016
Silver (Dissolved)	mg/L	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ
Sodium	mg/L	42.9 J	3640	3480	2800	879	1700	2140	2130	1240	415
Sodium (Dissolved)	mg/L	44.1 J	3490 J	3390 J	2780 J	820 J	1950 J	2040 J	2380 J	1280 J	392 J
Thallium	mg/L	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037
Thallium (Dissolved)	mg/L	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
	Sample ID:	*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
	Sample Date:	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*										
Metals (Cont'd.)											
Vanadium	mg/L	0.0024 J	0.0115 J	0.0256 J	0.010 J	0.0017 J	0.0015 J	0.0023 J	0.0027 J	0.0031 J	0.0074 J
Vanadium (Dissolved)	mg/L	< 0.0015 UJ	< 0.0015 UJ	0.0041 J	0.0028 J	< 0.0015 UJ	< 0.0015 UJ	0.0016 J	0.0021 J	0.0023 J	0.0044 J
Zinc	mg/L	0.0511	0.0238 J	0.0380 J	0.0141 J	0.0098 J	0.0095 J	0.0097 J	0.0099 J	0.0103 J	0.0207 J
Zinc (Dissolved)	mg/L	0.0198 J	< 0.0081 UJ	< 0.0081 UJ	< 0.0081 UJ	< 0.0081 UJ	< 0.0081 UJ	< 0.0081 UJ	0.0145 J	< 0.0081 UJ	0.010 J
Polychlorinated Biphenyls											
Aroclor-1016 (PCB-1016)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1221 (PCB-1221)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1232 (PCB-1232)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1242 (PCB-1242)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1248 (PCB-1248)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1254 (PCB-1254)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Aroclor-1260 (PCB-1260)	mg/L	< 0.000095	< 0.000096	< 0.000097	< 0.000097	< 0.000095	< 0.000094	< 0.000096	< 0.000097	< 0.000096	< 0.000096
Pesticides											
4,4'-DDD	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040
4,4'-DDE	mg/L	< 0.0000048	< 0.0000048	< 0.0000049	< 0.0000049	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050
4,4'-DDT	mg/L	< 0.0000057	< 0.0000058	< 0.0000058	< 0.0000058	< 0.0000060 UJ	< 0.0000060 UJ	< 0.0000060 UJ	< 0.0000060 UJ	< 0.0000060 UJ	< 0.0000060 UJ
Aldrin	mg/L	< 0.00020	< 0.0000038	< 0.0000039	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040
alpha-BHC	mg/L	0.000069 JN	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000027	< 0.0000027	< 0.0000027	< 0.0000027	< 0.0000027	0.0000028 J
alpha-Chlordane	mg/L	< 0.00020	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030
beta-BHC	mg/L	< 0.0000076	< 0.0000077	< 0.0000078	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080
delta-BHC	mg/L	< 0.0000076	< 0.0000077	< 0.0000078	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080
Dieldrin	mg/L	< 0.000030	< 0.0000038	< 0.0000039	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040
Endosulfan I	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030
Endosulfan II	mg/L	< 0.000060	< 0.0000038	< 0.0000039	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040
Endosulfan sulfate	mg/L	< 0.000011	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000012
Endrin	mg/L	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040	< 0.0000040
Endrin aldehyde	mg/L	< 0.000019	< 0.000019	< 0.000019	< 0.000019	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020
Endrin ketone	mg/L	< 0.000012	< 0.000012	< 0.000013	< 0.000013	< 0.000013	< 0.000013	< 0.000013	< 0.000013	< 0.000013	< 0.000013
gamma-BHC (Lindane)	mg/L	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000020	< 0.0000020	0.0000027 J	< 0.0000020	< 0.0000020	< 0.0000020
gamma-Chlordane	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000050	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000032	< 0.0000036
Heptachlor	mg/L	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030	< 0.0000030
Heptachlor epoxide	mg/L	< 0.0000076	< 0.0000077	< 0.0000078	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080	< 0.0000080
Methoxychlor	mg/L	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.000030	< 0.000030	< 0.000030	< 0.000030	< 0.000030	< 0.000030
Toxaphene	mg/L	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030
Petroleum Products											
Total Petroleum Hydrocarbons (>C12-C28)	mg/L	< 0.94	< 0.91 UJ	< 0.93 UJ	< 0.92 UJ	< 0.92	< 0.88	< 0.90	< 0.91	< 0.92	< 0.93
Total Petroleum Hydrocarbons (>C28-C35)	mg/L	< 0.94	< 0.91	< 0.93	< 0.92	< 0.92	< 0.88	< 0.90	< 0.91	< 0.92	< 0.93
Total Petroleum Hydrocarbons (C6-C12)	mg/L	< 0.94	< 0.91	< 0.93	< 0.92	< 0.92	< 0.88	< 0.90	< 0.91	< 0.92	< 0.93
Total Petroleum Hydrocarbons (C6-C35)	mg/L	< 0.94	< 0.91 UJ	< 0.93 UJ	< 0.92 UJ	< 0.92	< 0.88	< 0.90	< 0.91	< 0.92	< 0.93

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
	Sample ID:	*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
	Sample Date:	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*										
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.77	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
2,4,5-Trichlorophenol	mg/L	0.00051 J	< 0.00030	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00030	< 0.00031	< 0.00031	< 0.00031
2,4,6-Trichlorophenol	mg/L	0.0042 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
2,4-Dichlorophenol	mg/L	0.0070	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00018	< 0.00017	< 0.00017	< 0.00017	< 0.00017
2,4-Dimethylphenol	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
2,4-Dinitrophenol	mg/L	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0039
2,4-Dinitrotoluene	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
2,6-Dinitrotoluene	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
2-Chloronaphthalene	mg/L	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00015
2-Chlorophenol	mg/L	0.0035 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00015
2-Methylnaphthalene	mg/L	0.00002 J	< 0.00001	< 0.00001 UJ	< 0.00001	< 0.00001	0.00002 J	0.00002 J	0.00003 J	< 0.00001	0.00003 J
2-Methylphenol	mg/L	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00015
2-Nitroaniline	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
2-Nitrophenol	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
3,3'-Dichlorobenzidine	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00036	< 0.00035	< 0.00035	< 0.00035	< 0.00036
3-Nitroaniline	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
4,6-Dinitro-2-methylphenol	mg/L	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00083	< 0.00081	< 0.00081	< 0.00081	< 0.00082
4-Bromophenyl phenyl ether	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
4-Chloro-3-methylphenol	mg/L	< 0.00031	< 0.00030	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00030	< 0.00031	< 0.00031	< 0.00031
4-Chloroaniline	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
4-Chlorophenyl phenyl ether	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00014
4-Methylphenol	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
4-Nitroaniline	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
4-Nitrophenol	mg/L	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0039
Acenaphthene	mg/L	< 0.00001	< 0.00001	< 0.00001 UJ	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.0001	< 0.00001	< 0.00001
Acenaphthylene	mg/L	0.00008	0.00004 J	< 0.00002 UJ	0.00003 J	< 0.00002	< 0.00002	0.00004 J	0.0004	0.00006	0.00008
Acetophenone	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00014
Anthracene	mg/L	0.00004 J	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.0001	< 0.00002	0.00003 J
Atrazine	mg/L	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00043	< 0.00042	< 0.00042	< 0.00042	< 0.00043
Benzaldehyde	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Benzo(a)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.0001	< 0.00002	< 0.00002
Benzo(a)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.0001	< 0.00002	< 0.00002
Benzo(b)fluoranthene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.0001	< 0.00002	< 0.00002
Benzo(g,h,i)perylene	mg/L	< 0.00002	< 0.00002 UJ	< 0.00002 UJ	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.00004 J	< 0.00002	< 0.00002

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
	Sample ID:	*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
	Sample Date:	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*										
Semi-Volatiles (Cont'd.)											
Benzo(k)fluoranthene	mg/L	< 0.00001	< 0.00001	< 0.00001 UJ	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.00004 J	< 0.00001	< 0.00001
Biphenyl	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 0.0001	< 0.0001	< 0.0001
bis(2-Chloroethoxy)methane	mg/L	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00029	< 0.00029
bis(2-Chloroethyl)ether	mg/L	0.026	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
bis(2-Ethylhexyl)phthalate	mg/L	< 0.00061	< 0.00061	< 0.00061	< 0.00061	< 0.00061	< 0.00062	< 0.00061	< 0.00061	< 0.00061	< 0.00062
Butyl benzylphthalate	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00080 J	< 0.00020	< 0.00020	< 0.00020
Caprolactam	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Carbazole	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Chrysene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.0001	< 0.00002	< 0.00002
Dibenz(a,h)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Dibenzofuran	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Diethyl phthalate	mg/L	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00029	< 0.00030	< 0.00030	< 0.00030
Dimethyl phthalate	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Di-n-butylphthalate	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00028 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Di-n-octyl phthalate	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Fluoranthene	mg/L	0.00006	0.00002 J	< 0.00001 UJ	< 0.00001	< 0.00001	0.00001 J	0.00002 J	0.0002	0.00002 J	0.00002 J
Fluorene	mg/L	< 0.00001	< 0.00001	< 0.00001 UJ	< 0.00001	0.00001 J	0.00003 J	0.00006	0.00007	0.00002 J	0.00004 J
Hexachlorobenzene	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00019	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Hexachlorobutadiene	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00044	< 0.00043	< 0.00043	< 0.00043	< 0.00044
Hexachlorocyclopentadiene	mg/L	< 0.0019 UJ	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ
Hexachloroethane	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Indeno(1,2,3-cd)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00005 J	< 0.00002	< 0.00002
Isophorone	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00017	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Naphthalene	mg/L	< 0.00001	< 0.00001	< 0.00001 UJ	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Nitrobenzene	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	< 0.00076	< 0.00076	< 0.00076	< 0.00077
N-Nitrosodi-n-propylamine	mg/L	< 0.00032	< 0.00031	< 0.00032	< 0.00032	< 0.00032	< 0.00032	< 0.00031	< 0.00032	< 0.00031	< 0.00032
N-Nitrosodiphenylamine	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Pentachlorophenol	mg/L	0.10	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0039
Phenanthrene	mg/L	0.00002 J	< 0.00001	< 0.00001 UJ	< 0.00001	0.00002 J	0.00002 J	0.00002 J	0.0001	0.00002 J	0.00003 J
Phenol	mg/L	< 0.00076	< 0.00076	< 0.00077	< 0.00077	< 0.00077	< 0.00078	0.0013 J	< 0.00076	< 0.00076	< 0.00077
Pyrene	mg/L	0.0002	0.00003 J	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	0.00002 J	0.0003	0.00003 J	0.00004 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1,2,2-Tetrachloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,1,2-Trichloroethane	mg/L	0.00017 J	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethene	mg/L	0.0012 J	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
1,2,4-Trichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00035	< 0.00005	< 0.00005	< 0.00005	< 0.00032	< 0.00005
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.0001	< 0.00005	< 0.00005	< 0.00005	< 0.00009	< 0.00005
1,2-Dichloroethane	mg/L	0.057	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloropropane	mg/L	1.2	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	0.00006 J	0.00006 J
1,3-Dichlorobenzene	mg/L	< 0.00006	< 0.00005	< 0.00005	< 0.00005	< 0.00009	< 0.00005	< 0.00005	< 0.00005	< 0.00008	< 0.00005

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
Sample ID:		*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
Sample Date:		*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*										
Volatiles (Cont'd.)											
1,4-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00012	< 0.00005	< 0.00005	< 0.00005	< 0.00010	< 0.00005
2-Butanone (Methyl Ethyl Ketone)	mg/L	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
2-Hexanone	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020 UJ	< 0.00020 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Acetone	mg/L	< 0.0034 UJ	< 0.011 UJ	< 0.0049 UJ	< 0.0042 UJ	< 0.0027 UJ	< 0.0030 UJ	< 0.0038 UJ	< 0.0034 UJ	< 0.0034 UJ	< 0.0033 UJ
Benzene	mg/L	< 0.00007	< 0.00011	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	0.00008 J
Bromodichloromethane	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Bromoform	mg/L	< 0.00020	0.00032 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Bromomethane (Methyl Bromide)	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Carbon disulfide	mg/L	< 0.0010	< 0.00007	< 0.00026	< 0.00036	< 0.00016	< 0.00013	< 0.00036	< 0.00057	< 0.00027	< 0.00008
Carbon tetrachloride	mg/L	0.16	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorobenzene	mg/L	0.00024 J	< 0.00005	< 0.00005	< 0.00005	0.00005 J	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Chloroethane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	0.00008 J	< 0.00007
Chloroform (Trichloromethane)	mg/L	0.058	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00005	< 0.00007
Chloromethane (Methyl Chloride)	mg/L	< 0.00005 UJ	< 0.00020	< 0.00026	< 0.00020	< 0.00036	< 0.00092	< 0.0013	< 0.00064	< 0.00054	< 0.00020
cis-1,2-Dichloroethene	mg/L	0.0013 J	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
cis-1,3-Dichloropropene	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Cyclohexane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Dibromochloromethane	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlorodifluoromethane (CFC-12)	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Ethylbenzene	mg/L	< 0.00021	< 0.00007	< 0.00005	< 0.00005	< 0.00005	< 0.00001	< 0.00001	< 0.00002	< 0.00005	< 0.00004
Isopropylbenzene	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
m&p-Xylene	mg/L	0.0015 J	< 0.00017	< 0.00008	< 0.00008	< 0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Methyl acetate	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Methyl cyclohexane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00011	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Methyl Tert Butyl Ether	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Methylene chloride	mg/L	< 0.0022	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
o-Xylene	mg/L	0.00086 J	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Styrene	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00003	< 0.00002	< 0.00001	< 0.00003	< 0.00005	< 0.00003
Tetrachloroethene	mg/L	0.00037 J	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Toluene	mg/L	< 0.00044	< 0.00022	< 0.00006	< 0.00003	< 0.00006	< 0.00002	< 0.00006	< 0.00005	< 0.00005	< 0.00012
trans-1,2-Dichloroethene	mg/L	0.00079 J	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
trans-1,3-Dichloropropene	mg/L	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003
Trichloroethene	mg/L	0.0010 J	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Trichlorofluoromethane (CFC-11)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Trifluorotrichloroethane (Freon 113)	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Vinyl chloride	mg/L	0.0013 J	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
General Chemistry											
Cyanide (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cyanide (total)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

		Sample Location:	*JC-7*	*MB-1*	*MB-4*	*MB-6*	*MB-10*	*MB-13*	*MB-14*	*MB-18*	*MB-21*	*MB-24*
		Sample ID:	*T1-19/10/06-SW-JC-7*	*T1-13/10/06-SW-MB-1*	*T1-13/10/06-SW-MB-4*	*T1-13/10/06-SW-MB-6*	*T1-18/10/06-SW-MB-10*	*T1-18/10/06-SW-MB-13*	*T1-18/10/06-SW-MB-14*	*T1-18/10/06-SW-MB-18*	*T1-18/10/06-SW-MB-21*	*T1-18/10/06-SW-MB-24*
		Sample Date:	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*											

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
Sample ID:		*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*										
Metals											
Aluminum	mg/L	1.52 J	0.431 J	0.387 J	0.338	1.59 J	0.506 J	4.75 J	2.75 J	4.94 J	0.583 J
Aluminum (Dissolved)	mg/L	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ
Antimony	mg/L	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097
Antimony (Dissolved)	mg/L	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ
Arsenic	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic (Dissolved)	mg/L	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ
Barium	mg/L	0.0826	0.0661	0.0612	0.0670	0.0937	0.0879	0.109	0.0922	0.0813	0.0592
Barium (Dissolved)	mg/L	0.0714 J	0.0711 J	0.0562 J	0.0613 J	0.0831 J	0.0808 J	0.0860 J	0.0716 J	0.0582 J	0.0501 J
Beryllium	mg/L	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
Beryllium (Dissolved)	mg/L	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ
Cadmium	mg/L	0.00051 J	< 0.000099	< 0.000099	< 0.000099	0.00042 J	0.00024 J	0.00027 J	0.00034 J	0.00042 J	0.00067 J
Cadmium (Dissolved)	mg/L	0.00032 J	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ	0.00012 J	0.00022 J	0.00027 J	0.00033 J	0.00043 J	0.00063 J
Calcium	mg/L	65.6	48.6	50.9	55.6	138	105	87.6	67.6	40.8	22.4
Calcium (Dissolved)	mg/L	60.5 J	56.7 J	48.2 J	52.9 J	137 J	97.6 J	80.8 J	59.6 J	40.3 J	21.3 J
Chromium Total	mg/L	0.0034 J	< 0.0023	< 0.0023	< 0.0023	0.0029 J	< 0.0023	0.0075 J	0.0063 J	0.0085 J	0.0028 J
Chromium Total (Dissolved)	mg/L	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ
Chromium VI (Hexavalent)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Chromium VI (Hexavalent) (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.010 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cobalt	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0025	< 0.0025	< 0.0035	< 0.0021
Cobalt (Dissolved)	mg/L	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ
Copper	mg/L	0.0042 J	0.0025 J	< 0.0022	< 0.0022	0.0023 J	0.0028 J	0.0075 J	0.0083 J	0.0114 J	< 0.0022
Copper (Dissolved)	mg/L	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ
Iron	mg/L	1.05	0.540 J	0.667 J	0.725	1.06	0.495	3.54	2.34	3.86	0.652
Iron (Dissolved)	mg/L	< 0.0522 UJ	0.0844 J	0.0925 J	0.152 J	< 0.0522 UJ	< 0.0522 UJ	< 0.0522 UJ	< 0.0522 UJ	< 0.0522 UJ	0.0615 J
Lead	mg/L	0.0027 J	0.00078 J	0.00079 J	0.00056 J	0.0018 J	0.0023 J	0.0044 J	0.0047 J	0.0050	0.0013 J
Lead (Dissolved)	mg/L	0.00056 J	0.00015 J	0.00015 J	0.00017 J	0.00021 J	0.00082 J	0.00061 J	0.00074 J	0.00088 J	0.00070 J
Magnesium	mg/L	140	104	116	140	389	276	216	150	64.1	6.21
Magnesium (Dissolved)	mg/L	127 J	126 J	109 J	134 J	393 J	256 J	199 J	131 J	61.8 J	5.87 J
Manganese	mg/L	0.238	0.812	0.839	0.905	0.228	0.318	0.441	0.366	0.370	0.0794
Manganese (Dissolved)	mg/L	0.103 J	0.941 J	0.744 J	0.797 J	0.0856 J	0.215 J	0.250 J	0.176 J	0.172 J	0.0233 J
Mercury	mg/L	< 0.000088	< 0.000056	< 0.000056	< 0.000056	< 0.00014	< 0.00014	< 0.00012	< 0.000056	< 0.000056	< 0.00012
Mercury (Dissolved)	mg/L	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ
Nickel	mg/L	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	< 0.0056	0.0057 J	< 0.0056	0.0078 J	< 0.0056
Nickel (Dissolved)	mg/L	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ
Potassium	mg/L	115 J	62.0	65.1	58.2 J	161 J	141 J	27.4 J	115 J	99.1 J	81.8 J
Potassium (Dissolved)	mg/L	111 J	55.2 J	52.5 J	59.8 J	155 J	130 J	126 J	113 J	97.0 J	76.9 J
Selenium	mg/L	0.0575	0.0327	0.0351	0.0172	0.0829	0.101	0.0732	0.0540	0.0298 J	< 0.0050
Selenium (Dissolved)	mg/L	0.0269 J	0.0156 J	0.0146 J	0.0366 J	0.0466 J	0.0432 J	0.0347 J	0.0283 J	0.0130 J	< 0.0050 UJ
Silver	mg/L	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016
Silver (Dissolved)	mg/L	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ
Sodium	mg/L	1800	909	974	1180 J	3340	2380	1940	1360	698	281
Sodium (Dissolved)	mg/L	1220 J	998 J	923 J	1110 J	3380 J	2260 J	1820 J	1270 J	690 J	264 J
Thallium	mg/L	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037	< 0.000037
Thallium (Dissolved)	mg/L	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
	Sample ID:	*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
	Sample Date:	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*										
Metals (Cont'd.)											
Vanadium	mg/L	0.0131 J	0.0074 J	0.0055 J	0.0030 J	0.0071 J	0.0079 J	0.0172 J	0.0177 J	0.0242 J	0.0242 J
Vanadium (Dissolved)	mg/L	0.0096 J	0.0052 J	0.0044 J	0.0024 J	0.0031 J	0.0062 J	0.0082 J	0.0117 J	0.0156 J	0.0211 J
Zinc	mg/L	0.0380 J	0.0238 J	0.0157 J	0.0097 J	0.0212 J	0.0312 J	0.0393 J	0.0515	0.0681	0.0676
Zinc (Dissolved)	mg/L	0.0272 J	0.0133 J	0.0087 J	< 0.0081 UJ	< 0.0081 UJ	0.0178 J	0.0202 J	0.0338 J	0.0438 J	0.0608 J
Polychlorinated Biphenyls											
Aroclor-1016 (PCB-1016)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1221 (PCB-1221)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1232 (PCB-1232)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1242 (PCB-1242)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1248 (PCB-1248)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1254 (PCB-1254)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Aroclor-1260 (PCB-1260)	mg/L	< 0.000097	< 0.000097	< 0.000097	< 0.000097	< 0.000096	< 0.000095	< 0.000095	< 0.000097	< 0.000096	< 0.000096
Pesticides											
4,4'-DDD	mg/L	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038
4,4'-DDE	mg/L	< 0.0000049	< 0.0000050	< 0.0000050	< 0.0000049	< 0.0000048	< 0.0000048	< 0.0000047	< 0.0000048	< 0.0000048	< 0.0000048
4,4'-DDT	mg/L	< 0.0000058	< 0.0000060 UJ	< 0.0000060 UJ	< 0.0000058	< 0.0000057	< 0.0000057	< 0.0000057	< 0.0000058	< 0.0000058	< 0.0000057
Aldrin	mg/L	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000038	0.0000041 J
alpha-BHC	mg/L	< 0.0000026	< 0.0000027	0.0000034 J	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026	< 0.0000026
alpha-Chlordane	mg/L	0.0000043 J	< 0.0000030	< 0.0000030	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000028	0.0000047 J	0.0000064 J	0.000014 JN
beta-BHC	mg/L	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000078	< 0.0000077	< 0.0000076	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000076
delta-BHC	mg/L	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000078	< 0.0000077	< 0.0000076	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000076
Dieldrin	mg/L	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038
Endosulfan I	mg/L	< 0.0000029	< 0.0000030	< 0.0000030	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000028	< 0.0000029	< 0.0000029	< 0.0000029
Endosulfan II	mg/L	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038
Endosulfan sulfate	mg/L	< 0.000012	< 0.000012	< 0.000012	< 0.000012	< 0.000011	< 0.000011	< 0.000011	< 0.000012	< 0.000012	< 0.000011
Endrin	mg/L	< 0.0000039	< 0.0000040	< 0.0000040	< 0.0000039	< 0.0000038	< 0.0000038	< 0.0000038	< 0.0000039	< 0.0000038	< 0.0000038
Endrin aldehyde	mg/L	< 0.000019	< 0.000020	< 0.000020	< 0.000019	< 0.000019	< 0.000019	< 0.000019	< 0.000019	< 0.000019	< 0.000019
Endrin ketone	mg/L	< 0.000013	< 0.000013	< 0.000013	< 0.000013	< 0.000012	< 0.000012	< 0.000012	< 0.000013	< 0.000012	< 0.000012
gamma-BHC (Lindane)	mg/L	< 0.0000019	< 0.0000020	< 0.0000020	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019	< 0.0000019
gamma-Chlordane	mg/L	< 0.0000029	< 0.0000042	< 0.0000030	< 0.0000029	0.0000090 J	0.000016 JN	< 0.0000028	< 0.0000029	< 0.0000029	< 0.0000029
Heptachlor	mg/L	< 0.0000029	< 0.0000030	< 0.0000030	< 0.0000029	< 0.0000029	< 0.0000029	< 0.0000028	< 0.0000029	< 0.0000029	< 0.0000029
Heptachlor epoxide	mg/L	< 0.0000078	< 0.0000080	< 0.0000080	< 0.0000078	< 0.0000077	< 0.0000076	< 0.0000076	< 0.0000077	< 0.0000077	< 0.0000076
Methoxychlor	mg/L	< 0.000029	< 0.000030	< 0.000030	< 0.000029	< 0.000029	< 0.000029	< 0.000028	< 0.000029	< 0.000029	< 0.000029
Toxaphene	mg/L	< 0.00029	< 0.00030	< 0.00030	< 0.00029	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00029	< 0.00029
Petroleum Products											
Total Petroleum Hydrocarbons (>C12-C28)	mg/L	< 0.91 UJ	< 0.94	< 0.92	< 0.94	< 0.92 UJ	< 0.93 UJ	< 0.92 UJ	< 0.93 UJ	< 0.92 UJ	< 0.92 UJ
Total Petroleum Hydrocarbons (>C28-C35)	mg/L	< 0.91	< 0.94	< 0.92	< 0.94	< 0.92	< 0.93	< 0.92	< 0.93	< 0.92	< 0.92
Total Petroleum Hydrocarbons (C6-C12)	mg/L	< 0.91	< 0.94	< 0.92	< 0.94	< 0.92	< 0.93	< 0.92	< 0.93	< 0.92	< 0.92
Total Petroleum Hydrocarbons (C6-C35)	mg/L	< 0.91 UJ	< 0.94	< 0.92	< 0.94	< 0.92 UJ	< 0.93 UJ	< 0.92 UJ	< 0.93 UJ	< 0.92 UJ	< 0.92 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
	Sample ID:	*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
	Sample Date:	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*										
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
2,4,5-Trichlorophenol	mg/L	< 0.00031	< 0.00030	< 0.00031	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00031	< 0.00031
2,4,6-Trichlorophenol	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.00026	< 0.00026	< 0.00026
2,4-Dichlorophenol	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
2,4-Dimethylphenol	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
2,4-Dinitrophenol	mg/L	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
2,4-Dinitrotoluene	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
2,6-Dinitrotoluene	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
2-Chloronaphthalene	mg/L	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014
2-Chlorophenol	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
2-Methylnaphthalene	mg/L	< 0.00008	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.000009	< 0.00004	< 0.0001	< 0.00008	0.0004
2-Methylphenol	mg/L	< 0.00014	< 0.00014	< 0.00015	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014	< 0.00014
2-Nitroaniline	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
2-Nitrophenol	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
3,3'-Dichlorobenzidine	mg/L	< 0.00036	< 0.00035	< 0.00036	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00036	< 0.00036
3-Nitroaniline	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
4,6-Dinitro-2-methylphenol	mg/L	< 0.00082	< 0.00081	< 0.00082	< 0.00081	< 0.00080	< 0.00080	< 0.00081	< 0.00080	< 0.00082	< 0.00082
4-Bromophenyl phenyl ether	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
4-Chloro-3-methylphenol	mg/L	< 0.00031	< 0.00030	< 0.00031	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00030	< 0.00031	< 0.00031
4-Chloroaniline	mg/L	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00027	< 0.00027	< 0.00028	< 0.00027	< 0.00028	< 0.00028
4-Chlorophenyl phenyl ether	mg/L	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
4-Methylphenol	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
4-Nitroaniline	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
4-Nitrophenol	mg/L	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
Acenaphthene	mg/L	< 0.00001	0.00004 J	< 0.00001	< 0.00001	< 0.00001	< 0.000009	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Acenaphthylene	mg/L	0.00005	0.00003 J	0.00003 J	< 0.00002	< 0.00002	0.00004 J	0.00007	0.0001	0.0002	0.0001
Acetophenone	mg/L	< 0.00026	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00020	< 0.00045	< 0.00060	< 0.0020
Anthracene	mg/L	0.00003 J	0.00002 J	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00003 J	0.00004 J	0.00004 J
Atrazine	mg/L	< 0.00042	< 0.00042	< 0.00043	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042	< 0.00042
Benzaldehyde	mg/L	< 0.00020	0.00033 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00021	< 0.00068
Benzo(a)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00003 J	< 0.00002
Benzo(a)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00003 J	< 0.00002
Benzo(b)fluoranthene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00004 J	< 0.00002
Benzo(g,h,i)perylene	mg/L	< 0.00002 UJ	< 0.00002	< 0.00002	< 0.00002	< 0.00002 UJ	< 0.00002 UJ	< 0.00002 UJ	< 0.00002 UJ	< 0.00002 UJ	< 0.00002 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
Sample ID:		*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*										
Semi-Volatiles (Cont'd.)											
Benzo(k)fluoranthene	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.000009	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Biphenyl	mg/L	< 0.0001	< 0.00009	< 0.0001	< 0.0001	< 0.00009	< 0.00009	< 0.00009	< 0.00009	< 0.0001	< 0.0001
bis(2-Chloroethoxy)methane	mg/L	< 0.00029	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00029	< 0.00029
bis(2-Chloroethyl)ether	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
bis(2-Ethylhexyl)phthalate	mg/L	< 0.00062	< 0.00061	< 0.00062	< 0.00061	< 0.00060	< 0.00060	< 0.00061	0.00063 J	< 0.00062	< 0.00062
Butyl benzylphthalate	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00035 J	< 0.00020
Caprolactam	mg/L	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Carbazole	mg/L	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00027	< 0.00027	< 0.00028	< 0.00027	< 0.00028	< 0.00028
Chrysene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00002 J	0.00004 J	< 0.00002
Dibenz(a,h)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Dibenzofuran	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Diethyl phthalate	mg/L	< 0.00030	< 0.00029	< 0.00030	< 0.00030	< 0.00029	< 0.00029	< 0.00029	< 0.00029	< 0.00030	< 0.00030
Dimethyl phthalate	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Di-n-butylphthalate	mg/L	0.00039 J	< 0.00027	< 0.00028	< 0.00028	0.00028 J	0.00028 J	< 0.00028	0.00032 J	< 0.00028	0.00037 J
Di-n-octyl phthalate	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Fluoranthene	mg/L	0.00001 J	0.00002 J	0.00001 J	< 0.00001	< 0.00001	0.00001 J	0.00002 J	0.00003 J	0.00005	0.00001 J
Fluorene	mg/L	0.00005	0.00004 J	0.00002 J	0.00001 J	< 0.00001	< 0.000009	0.00005 J	0.00008	0.0001	0.0001
Hexachlorobenzene	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Hexachlorobutadiene	mg/L	< 0.00043	< 0.00043	< 0.00044	< 0.00043	< 0.00042	< 0.00042	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Hexachlorocyclopentadiene	mg/L	< 0.0019	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Hexachloroethane	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Indeno(1,2,3-cd)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Isophorone	mg/L	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Naphthalene	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.000009	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Nitrobenzene	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
N-Nitrosodi-n-propylamine	mg/L	< 0.00032	< 0.00031	< 0.00032	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00032	< 0.00032
N-Nitrosodiphenylamine	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00026	< 0.00026	< 0.00027	< 0.00026	< 0.00027	< 0.00027
Pentachlorophenol	mg/L	< 0.0038	< 0.0038	< 0.0039	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
Phenanthrene	mg/L	< 0.00001	0.00002 J	0.00002 J	< 0.00001	< 0.00001	< 0.000009	< 0.00001	< 0.00001	0.00005	< 0.00001
Phenol	mg/L	< 0.00077	< 0.00076	< 0.00077	< 0.00076	< 0.00075	< 0.00076	< 0.00076	< 0.00076	< 0.00077	< 0.00077
Pyrene	mg/L	0.00002 J	0.00002 J	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00003 J	0.00005	0.0001	< 0.00002
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1,2,2-Tetrachloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,1,2-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
1,2,4-Trichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloropropane	mg/L	< 0.00004	< 0.00004	0.00004 J	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
1,3-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
Sample ID:		*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*										
Volatiles (Cont'd.)											
1,4-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2-Butanone (Methyl Ethyl Ketone)	mg/L	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00087
2-Hexanone	mg/L	< 0.00020	< 0.00020 UJ	< 0.00020 UJ	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	0.00022 J	0.00028 J
Acetone	mg/L	< 0.0083 UJ	< 0.0042 UJ	R	< 0.0030 UJ	< 0.0038 UJ	< 0.0038 UJ	< 0.0062 UJ	< 0.0090 UJ	< 0.022 UJ	< 0.017 UJ
Benzene	mg/L	< 0.00007	0.00011 J	0.00009 J	< 0.00007	< 0.00035	< 0.00045	< 0.00023	< 0.00019	< 0.00037	< 0.00028
Bromodichloromethane	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Bromoform	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00050 J	0.00036 J	0.00022 J	< 0.00020	< 0.00020	< 0.00020
Bromomethane (Methyl Bromide)	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Carbon disulfide	mg/L	< 0.00014	< 0.00013	< 0.00014	< 0.00011	< 0.0001	< 0.00011	< 0.00009	< 0.00014	< 0.00026	< 0.00014
Carbon tetrachloride	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Chloroethane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Chloroform (Trichloromethane)	mg/L	< 0.00004	< 0.00014	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00007	< 0.00012	< 0.00023
Chloromethane (Methyl Chloride)	mg/L	< 0.00005	< 0.00013	< 0.00027	< 0.00029	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
cis-1,2-Dichloroethene	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
cis-1,3-Dichloropropene	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Cyclohexane	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Dibromochloromethane	mg/L	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlorodifluoromethane (CFC-12)	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Ethylbenzene	mg/L	< 0.00001	< 0.00006	< 0.00005	< 0.00002	< 0.00022	< 0.00028	< 0.00013	< 0.00012	< 0.00021	< 0.00011
Isopropylbenzene	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
m&p-Xylene	mg/L	< 0.00008	< 0.00010	< 0.00011	< 0.00008	< 0.00036	< 0.00075	< 0.00028	< 0.00028	< 0.00057	< 0.00026
Methyl acetate	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Methyl cyclohexane	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Methyl Tert Butyl Ether	mg/L	0.00005 J	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00005 J	0.00014 J	0.00038 J	0.00055 J	0.00059 J
Methylene chloride	mg/L	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
o-Xylene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.00018 J	0.00034 J	0.00013 J	0.00011 J	0.00025 J	0.00012 J
Styrene	mg/L	< 0.00007	< 0.00004	< 0.00004	< 0.00001	< 0.00005	< 0.00005	< 0.00006	0.00022 J	0.00036 J	0.00083 J
Tetrachloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Toluene	mg/L	< 0.00003	< 0.00013	< 0.00014	< 0.00002	< 0.00047	< 0.00084	< 0.00046	< 0.00037	< 0.00082	< 0.00032
trans-1,2-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
trans-1,3-Dichloropropene	mg/L	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003
Trichloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Trichlorofluoromethane (CFC-11)	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Trifluorotrichloroethane (Freon 113)	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	0.00015 J
Vinyl chloride	mg/L	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008 UJ
General Chemistry											
Cyanide (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cyanide (total)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

		Sample Location:	*MB-27*	*MB-28*	*MB-29*	*MB-32*	*SLC-1*	*SLC-2*	*SLC-3*	*SLC-4*	*SLC-5*	*SLC-7*
		Sample ID:	*T1-13/10/06-SW-MB-27*	*T1-18/10/06-SW-MB-28*	*T1-18/10/06-SW-MB-29*	*T1-19/10/06-SW-MB-32*	*T1-12/10/06-SW-SLC-1*	*T1-12/10/06-SW-SLC-2*	*T1-13/10/06-SW-SLC-3*	*T1-13/10/06-SW-SLC-4*	*T1-13/10/06-SW-SLC-5*	*T1-13/10/06-SW-SLC-7*
		Sample Date:	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/12/2006*	*10/12/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*											

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			
Metals				
Aluminum	mg/L	0.216 J	0.267	0.130 J
Aluminum (Dissolved)	mg/L	< 0.0802 UJ	< 0.0802 UJ	< 0.0802 UJ
Antimony	mg/L	< 0.0097	< 0.0097	< 0.0097
Antimony (Dissolved)	mg/L	< 0.0097 UJ	< 0.0097 UJ	< 0.0097 UJ
Arsenic	mg/L	< 0.010	< 0.010	< 0.010
Arsenic (Dissolved)	mg/L	< 0.010 UJ	< 0.010 UJ	< 0.010 UJ
Barium	mg/L	0.0561	0.0565	0.0564
Barium (Dissolved)	mg/L	0.0530 J	0.0515 J	0.0478 J
Beryllium	mg/L	< 0.00094	< 0.00094	< 0.00094
Beryllium (Dissolved)	mg/L	< 0.00094 UJ	< 0.00094 UJ	< 0.00094 UJ
Cadmium	mg/L	< 0.000099	< 0.000099	< 0.000099
Cadmium (Dissolved)	mg/L	< 0.000099 UJ	< 0.000099 UJ	< 0.000099 UJ
Calcium	mg/L	18.2	17.8	17.9
Calcium (Dissolved)	mg/L	18.1 J	17.3 J	15.9 J
Chromium Total	mg/L	< 0.0023	< 0.0023	< 0.0023
Chromium Total (Dissolved)	mg/L	< 0.0023 UJ	< 0.0023 UJ	< 0.0023 UJ
Chromium VI (Hexavalent)	mg/L	< 0.0050	< 0.0050	< 0.0050
Chromium VI (Hexavalent) (Dissolved)	mg/L	< 0.0050 UJ	< 0.010 UJ	< 0.0050 UJ
Cobalt	mg/L	< 0.0021	< 0.0021	< 0.0021
Cobalt (Dissolved)	mg/L	< 0.0021 UJ	< 0.0021 UJ	< 0.0021 UJ
Copper	mg/L	< 0.0022	< 0.0022	< 0.0022
Copper (Dissolved)	mg/L	< 0.0022 UJ	< 0.0022 UJ	< 0.0022 UJ
Iron	mg/L	0.375 J	0.416	0.322
Iron (Dissolved)	mg/L	0.0947 J	0.127 J	0.105 J
Lead	mg/L	0.00060 J	0.00084 J	0.00081 J
Lead (Dissolved)	mg/L	0.00028 J	0.00038 J	0.00039 J
Magnesium	mg/L	3.26	2.92	2.90
Magnesium (Dissolved)	mg/L	3.14 J	2.87 J	2.66 J
Manganese	mg/L	0.0279 J	0.0477 J	0.0475 J
Manganese (Dissolved)	mg/L	0.0113 J	0.0109 J	0.0143 J
Mercury	mg/L	< 0.000056	< 0.000056	< 0.000056
Mercury (Dissolved)	mg/L	< 0.000056 UJ	< 0.000056 UJ	< 0.000056 UJ
Nickel	mg/L	< 0.0056	< 0.0056	< 0.0056
Nickel (Dissolved)	mg/L	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 UJ
Potassium	mg/L	64.9	55.7 J	55.3 J
Potassium (Dissolved)	mg/L	60.0 J	59.3 J	55.8 J
Selenium	mg/L	< 0.0019	0.0015 J	0.0011 J
Selenium (Dissolved)	mg/L	0.00076 J	0.0015 J	0.0012 J
Silver	mg/L	< 0.0016	< 0.0016	< 0.0016
Silver (Dissolved)	mg/L	< 0.0016 UJ	< 0.0016 UJ	< 0.0016 UJ
Sodium	mg/L	153	120 J	120 J
Sodium (Dissolved)	mg/L	156 J	118 J	111 J
Thallium	mg/L	< 0.000037	< 0.000037	< 0.000037
Thallium (Dissolved)	mg/L	< 0.000037 UJ	< 0.000037 UJ	< 0.000037 UJ

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			
Metals (Cont'd.)				
Vanadium	mg/L	0.0286 J	0.0225 J	0.0225 J
Vanadium (Dissolved)	mg/L	0.0278 J	0.0212 J	0.0193 J
Zinc	mg/L	0.0762	0.0923	0.0917
Zinc (Dissolved)	mg/L	0.0703 J	0.0847 J	0.0813 J
Polychlorinated Biphenyls				
Aroclor-1016 (PCB-1016)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1221 (PCB-1221)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1232 (PCB-1232)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1242 (PCB-1242)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1248 (PCB-1248)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1254 (PCB-1254)	mg/L	< 0.000096	< 0.000098	< 0.000096
Aroclor-1260 (PCB-1260)	mg/L	< 0.000096	< 0.000098	< 0.000096
Pesticides				
4,4'-DDD	mg/L	< 0.0000040	< 0.0000039	< 0.0000039
4,4'-DDE	mg/L	< 0.0000050	< 0.0000049	< 0.0000048
4,4'-DDT	mg/L	< 0.0000060 UJ	< 0.0000059	< 0.0000058
Aldrin	mg/L	< 0.0000040	< 0.0000039	< 0.0000039
alpha-BHC	mg/L	< 0.0000027	< 0.0000027	< 0.0000026
alpha-Chlordane	mg/L	< 0.0000030	< 0.0000030	< 0.0000029
beta-BHC	mg/L	< 0.0000080	< 0.0000079	< 0.0000077
delta-BHC	mg/L	< 0.0000080 UJ	< 0.0000079	< 0.0000077
Dieldrin	mg/L	< 0.0000040 UJ	< 0.0000039	< 0.0000039
Endosulfan I	mg/L	< 0.0000030	< 0.0000030	< 0.0000029
Endosulfan II	mg/L	< 0.0000040	< 0.0000039	< 0.0000039
Endosulfan sulfate	mg/L	< 0.000012	< 0.000012	< 0.000012
Endrin	mg/L	0.0000046 J	< 0.0000039	< 0.0000039
Endrin aldehyde	mg/L	< 0.000020	< 0.000020	< 0.000019
Endrin ketone	mg/L	< 0.000013	< 0.000013	< 0.000013
gamma-BHC (Lindane)	mg/L	< 0.0000020	< 0.0000020	< 0.0000019
gamma-Chlordane	mg/L	< 0.0000030	< 0.0000030	< 0.0000029
Heptachlor	mg/L	< 0.0000030	< 0.0000030	< 0.0000029
Heptachlor epoxide	mg/L	< 0.0000080 UJ	< 0.0000079	< 0.0000077
Methoxychlor	mg/L	< 0.000030	< 0.000029	< 0.000029
Toxaphene	mg/L	< 0.00030	< 0.00029	< 0.00029
Petroleum Products				
Total Petroleum Hydrocarbons (>C12-C28)	mg/L	< 0.92	< 0.96	< 0.98
Total Petroleum Hydrocarbons (>C28-C35)	mg/L	< 0.92	< 0.96	< 0.98
Total Petroleum Hydrocarbons (C6-C12)	mg/L	< 0.92	< 0.96	< 0.98
Total Petroleum Hydrocarbons (C6-C35)	mg/L	< 0.92	< 0.96	< 0.98

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			
Semi-Volatile Organic Compounds				
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	< 0.00021	< 0.00021	< 0.00021
2,4,5-Trichlorophenol	mg/L	< 0.00031	< 0.00031	< 0.00031
2,4,6-Trichlorophenol	mg/L	< 0.00026	< 0.00026	< 0.00026
2,4-Dichlorophenol	mg/L	< 0.00017	< 0.00017	< 0.00017
2,4-Dimethylphenol	mg/L	< 0.00024	< 0.00024	< 0.00024
2,4-Dinitrophenol	mg/L	< 0.0038	< 0.0039	< 0.0039
2,4-Dinitrotoluene	mg/L	< 0.00077	< 0.00077	< 0.00078
2,6-Dinitrotoluene	mg/L	< 0.00077	< 0.00077	< 0.00078
2-Chloronaphthalene	mg/L	< 0.00014	< 0.00015	< 0.00015
2-Chlorophenol	mg/L	< 0.00015	< 0.00015	< 0.00016
2-Methylnaphthalene	mg/L	< 0.00001	< 0.00001	< 0.00001
2-Methylphenol	mg/L	< 0.00014	< 0.00015	< 0.00015
2-Nitroaniline	mg/L	< 0.00077	< 0.00077	< 0.00078
2-Nitrophenol	mg/L	< 0.00021	< 0.00021	< 0.00021
3,3'-Dichlorobenzidine	mg/L	< 0.00036	< 0.00036	< 0.00036
3-Nitroaniline	mg/L	< 0.00077	< 0.00077	< 0.00078
4,6-Dinitro-2-methylphenol	mg/L	< 0.00082	< 0.00082	< 0.00082
4-Bromophenyl phenyl ether	mg/L	< 0.00022	< 0.00022	< 0.00022
4-Chloro-3-methylphenol	mg/L	< 0.00031	< 0.00031	< 0.00031
4-Chloroaniline	mg/L	< 0.00028	< 0.00028	< 0.00028
4-Chlorophenyl phenyl ether	mg/L	< 0.00013	< 0.00014	< 0.00014
4-Methylphenol	mg/L	< 0.00077	< 0.00077	< 0.00078
4-Nitroaniline	mg/L	< 0.00077	< 0.00077	< 0.00078
4-Nitrophenol	mg/L	< 0.0038	< 0.0039	< 0.0039
Acenaphthene	mg/L	< 0.00001	< 0.00001	< 0.00001
Acenaphthylene	mg/L	0.00003 J	0.00005 J	0.00004 J
Acetophenone	mg/L	< 0.00013	< 0.00014	< 0.00014
Anthracene	mg/L	0.00002 J	0.00003 J	0.00003 J
Atrazine	mg/L	< 0.00042	< 0.00043	< 0.00043
Benzaldehyde	mg/L	0.00042 J	< 0.00020	0.00042 J
Benzo(a)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002
Benzo(a)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002
Benzo(b)fluoranthene	mg/L	< 0.00002	< 0.00002	< 0.00002
Benzo(g,h,i)perylene	mg/L	< 0.00002	< 0.00002	< 0.00002

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			
Semi-Volatiles (Cont'd.)				
Benzo(k)fluoranthene	mg/L	< 0.00001	< 0.00001	< 0.00001
Biphenyl	mg/L	< 0.0001	< 0.0001	< 0.0001
bis(2-Chloroethoxy)methane	mg/L	< 0.00029	< 0.00029	< 0.00029
bis(2-Chloroethyl)ether	mg/L	< 0.00020	< 0.00020	< 0.00020
bis(2-Ethylhexyl)phthalate	mg/L	< 0.00062	< 0.00062	< 0.00062
Butyl benzylphthalate	mg/L	< 0.00020	< 0.00020	< 0.00020
Caprolactam	mg/L	< 0.0019	< 0.0019	< 0.0019
Carbazole	mg/L	< 0.00028	< 0.00028	< 0.00028
Chrysene	mg/L	< 0.00002	< 0.00002	< 0.00002
Dibenz(a,h)anthracene	mg/L	< 0.00002	< 0.00002	< 0.00002
Dibenzofuran	mg/L	< 0.00015	< 0.00015	< 0.00016
Diethyl phthalate	mg/L	< 0.00030	< 0.00030	< 0.00030
Dimethyl phthalate	mg/L	< 0.00019	< 0.00019	< 0.00019
Di-n-butylphthalate	mg/L	< 0.00028	< 0.00028	< 0.00028
Di-n-octyl phthalate	mg/L	< 0.00022	< 0.00022	< 0.00022
Fluoranthene	mg/L	0.00001 J	0.00002 J	0.00002 J
Fluorene	mg/L	0.00005 J	0.00005 J	0.00004 J
Hexachlorobenzene	mg/L	< 0.00018	< 0.00018	< 0.00018
Hexachlorobutadiene	mg/L	< 0.00043	< 0.00044	< 0.00044
Hexachlorocyclopentadiene	mg/L	< 0.0019 UJ	< 0.0019 UJ	< 0.0019 UJ
Hexachloroethane	mg/L	< 0.00025	< 0.00025	< 0.00025
Indeno(1,2,3-cd)pyrene	mg/L	< 0.00002	< 0.00002	< 0.00002
Isophorone	mg/L	< 0.00016	< 0.00016	< 0.00016
Naphthalene	mg/L	< 0.00001	< 0.00001	< 0.00001
Nitrobenzene	mg/L	< 0.00077	< 0.00077	< 0.00078
N-Nitrosodi-n-propylamine	mg/L	< 0.00032	< 0.00032	< 0.00032
N-Nitrosodiphenylamine	mg/L	< 0.00027	< 0.00027	< 0.00027
Pentachlorophenol	mg/L	< 0.0038	< 0.0039	< 0.0039
Phenanthrene	mg/L	0.00001 J	0.00002 J	0.00002 J
Phenol	mg/L	< 0.00077	< 0.00077	< 0.00078
Pyrene	mg/L	< 0.00002	0.00002 J	< 0.00002
Volatile Organic Compounds				
1,1,1-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006
1,1,2,2-Tetrachloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005
1,1,2-Trichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethane	mg/L	< 0.00006	< 0.00006	< 0.00006
1,1-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008
1,2,4-Trichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	< 0.00020	< 0.00020	< 0.00020
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	< 0.00005	< 0.00005	< 0.00005
1,2-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloroethane	mg/L	< 0.00005	< 0.00005	< 0.00005
1,2-Dichloropropane	mg/L	< 0.00004	< 0.00004 UJ	< 0.00009 UJ
1,3-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			
Volatiles (Cont'd.)				
1,4-Dichlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005
2-Butanone (Methyl Ethyl Ketone)	mg/L	< 0.00084	< 0.0013	< 0.0018
2-Hexanone	mg/L	< 0.00020 UJ	< 0.00020	< 0.00020
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/L	< 0.00004	< 0.00004	< 0.00004
Acetone	mg/L	< 0.0063 UJ	< 0.0038 UJ	< 0.0044 UJ
Benzene	mg/L	0.00048 J	0.00029 J	0.00029 J
Bromodichloromethane	mg/L	< 0.00011	< 0.00011	< 0.00011
Bromoform	mg/L	< 0.00020	< 0.00020	< 0.00020
Bromomethane (Methyl Bromide)	mg/L	< 0.00007	< 0.00007	< 0.00007
Carbon disulfide	mg/L	< 0.00006	< 0.00010	< 0.00011
Carbon tetrachloride	mg/L	< 0.00004	< 0.00004	< 0.00004
Chlorobenzene	mg/L	< 0.00005	< 0.00005	< 0.00005
Chloroethane	mg/L	< 0.00007	< 0.00007	< 0.00007
Chloroform (Trichloromethane)	mg/L	< 0.00032	< 0.00029	< 0.00027
Chloromethane (Methyl Chloride)	mg/L	< 0.00005	< 0.00005	< 0.00005 UJ
cis-1,2-Dichloroethene	mg/L	< 0.00006	< 0.00006	< 0.00006
cis-1,3-Dichloropropene	mg/L	< 0.00006	< 0.00006	< 0.00006
Cyclohexane	mg/L	< 0.00005	< 0.00005	< 0.00005
Dibromochloromethane	mg/L	< 0.00004	< 0.00004	< 0.00004
Dichlorodifluoromethane (CFC-12)	mg/L	< 0.00006	< 0.00006	< 0.00006
Ethylbenzene	mg/L	< 0.00002	< 0.00001	< 0.00001
Isopropylbenzene	mg/L	< 0.00010	< 0.00010	< 0.00010
m&p-Xylene	mg/L	< 0.00008	< 0.00008	< 0.00008
Methyl acetate	mg/L	< 0.00008	< 0.00008	< 0.00008
Methyl cyclohexane	mg/L	< 0.00007	< 0.00007	< 0.00007
Methyl Tert Butyl Ether	mg/L	0.00037 J	0.00048 J	0.00046 J
Methylene chloride	mg/L	< 0.00006	< 0.00006	< 0.00006
o-Xylene	mg/L	< 0.00008	< 0.00008	< 0.00008
Styrene	mg/L	0.00013 J	< 0.00005	< 0.00006
Tetrachloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007
Toluene	mg/L	< 0.00001	< 0.00002 UJ	< 0.00001 UJ
trans-1,2-Dichloroethene	mg/L	< 0.00008	< 0.00008	< 0.00008
trans-1,3-Dichloropropene	mg/L	< 0.00003	< 0.00003	< 0.00003
Trichloroethene	mg/L	< 0.00007	< 0.00007	< 0.00007
Trichlorofluoromethane (CFC-11)	mg/L	< 0.00005	< 0.00005	< 0.00005
Trifluorotrichloroethane (Freon 113)	mg/L	< 0.00012	< 0.00012	< 0.00012
Vinyl chloride	mg/L	< 0.00008	< 0.00008	< 0.00008
General Chemistry				
Cyanide (Dissolved)	mg/L	< 0.0050 UJ	< 0.0050 UJ	< 0.0050 UJ
Cyanide (total)	mg/L	< 0.0050	< 0.0050	< 0.0050

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.

TABLE 2A

ANALYTICAL RESULTS SUMMARY - SURFACE WATER SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-8*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SW-SLC-8*	*T1-19/10/06-SW-SLC-9*	*T1-19/10/06-SW-WR-1*
	Sample Date:	*10/18/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*			

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-1*	*GSUC-1*	*GSUC-2*	*GSUC-2*	*GSUC-2*	*GSUC-3*	*GSUC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-1(Mid)*	*T1-17/10/06-SE-GSUC-1(Refusal)*	*T1-17/10/06-SE-GSUC-1(Surface)*	*T1-17/10/06-SE-GSUC-2(Mid)*	*T1-17/10/06-SE-GSUC-2(Refusal)*	*T1-17/10/06-SE-GSUC-2(Surface)*	*T1-17/10/06-SE-GSUC-3(Mid)*	*T1-17/10/06-SE-GSUC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Geotech									
Grain Size 0.001 mm	% passed	< 0.50	45.0	45.0	37.0	18.0	-	30.5	34.0
Grain Size 0.002 mm	% passed	< 0.50	48.0	57.5	43.0	26.0	-	39.0	39.5
Grain Size 0.005 mm	% passed	< 0.50	53.0	68.0	50.5	34.0	-	51.0	46.0
Grain Size 0.02 mm	% passed	< 0.50	67.5	83.0	73.0	59.0	-	70.5	55.5
Grain Size 0.05 mm	% passed	< 0.50	83.0	93.0	84.0	82.0	-	80.0	72.0
Grain Size 0.064 mm	% passed	< 0.50	87.0	96.0	88.5	90.0	-	85.0	78.5
Grain Size 0.075 mm	% passed	96.1	89.1	97.3	90.3	93.8	-	86.8	82.3
Grain Size 0.15 mm	% passed	97.5	93.5	98.2	94.8	96.7	-	89.8	85.9
Grain Size 0.3 mm	% passed	97.9	95.0	99.0	98.0	97.0	-	93.3	92.8
Grain Size 0.6 mm	% passed	98.0	95.7	99.1	98.8	97.6	-	96.2	95.1
Grain Size 1.18 mm	% passed	98.2	96.0	99.2	99.1	98.1	-	98.7	96.6
Grain Size 19 mm	% passed	100	100	100	100	100	-	100	100
Grain Size 2.36 mm	% passed	98.2	96.4	99.3	99.1	98.5	-	99.0	97.7
Grain Size 3.35 mm	% passed	99.6	99.6	99.7	99.9	99.7	-	99.5	99.6
Grain Size 37.5 mm	% passed	100	100	100	100	100	-	100	100
Grain Size 4.75 mm	% passed	99.8	99.9	99.9	100	99.9	-	99.7	99.8
Grain Size 75 mm	% passed	100	100	100	100	100	-	100	100
Metals									
Aluminum	mg/kg	33600	23900	38900	31200	24400	36000	34900	31200
Antimony	mg/kg	< 2.53 UJ	< 2.14 UJ	< 2.85 UJ	< 2.66 UJ	< 2.01 UJ	< 3.12 UJ	< 3.26 UJ	< 2.70 UJ
Arsenic	mg/kg	9.24 J	7.50 J	8.61 J	9.11 J	7.83 J	8.19 J	10.5 J	10.1 J
Barium	mg/kg	133	103	123	114	137	126	126	123
Beryllium	mg/kg	1.73 J	1.38 J	2.01 J	1.54 J	1.20 J	1.84 J	1.74 J	1.65 J
Cadmium	mg/kg	< 0.182	< 0.154	< 0.205	< 0.191	0.299 J	< 0.225	< 0.235	< 0.195
Cadmium	umol/g	-	-	0.00304 J	-	-	0.00408 J	-	-
Calcium	mg/kg	8620	2680	9930	14500	20500	18200	46700	25700
Chromium Total	mg/kg	41.4	23.9	61.3	52.9	50.5	75.0	84.5	66.5
Chromium VI (Hexavalent)	mg/kg	< 1.2 UJ	< 0.95 UJ	< 1.3 UJ	< 1.2 UJ	< 0.90 UJ	< 1.4 UJ	< 1.5 UJ	< 1.2 UJ
Cobalt	mg/kg	13.3 J	12.8	14.1 J	12.8 J	10.7 J	12.2 J	11.4 J	13.2 J
Copper	mg/kg	44.6	14.3	85.6	93.0	102	131	113	129
Copper	umol/g	-	-	0.981	-	-	1.76	-	-
Iron	mg/kg	32900	23000	37800	30000	25000	34100	31300	30400
Lead	mg/kg	55.3	19.8	73.4	80.1	94.7	84.8	116	134
Lead	umol/g	-	-	0.257	-	-	0.385	-	-
Magnesium	mg/kg	7380	5040	8390	8550	8040	8850	14200	13200
Manganese	mg/kg	1300	696	1360	1250	755	1160	1690	1290
Mercury	mg/kg	0.157 J	0.0381 J	0.182 J	0.354	0.891	0.203 J	0.213 J	0.367
Nickel	mg/kg	24.3	17.6	29.2	25.7	23.4	29.2	31.6	29.0
Nickel	umol/g	-	-	0.815 J	-	-	0.801 J	-	-
Potassium	mg/kg	5430	3660	6410	5270	4380	5910	5840	5220
Selenium	mg/kg	< 2.74	< 2.32	< 3.09	< 2.88	< 2.18	< 3.38	< 3.54	< 2.93
Silver	mg/kg	< 0.824	< 0.573	< 0.921	< 1.14	< 1.08	< 0.898	< 1.48	< 1.52
Sodium	mg/kg	5090	4000	5170	5660	4220	6780	6600	5390
Thallium	mg/kg	< 3.73	< 3.15	< 4.20	< 3.91	< 2.97	< 4.60	< 4.81	< 3.98
Vanadium	mg/kg	62.2	45.3	70.8	58.0	47.8	64.2	61.3	57.7
Zinc	mg/kg	106	69.2	180	122	117	173	147	151
Zinc	umol/g	-	-	1.99 J	-	-	1.78 J	-	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*GSUC-1*	*GSUC-1*	*GSUC-1*	*GSUC-2*	*GSUC-2*	*GSUC-2*	*GSUC-3*	*GSUC-3*
Sample ID:		*T1-17/10/06-SE-GSUC-1(Mid)*	*T1-17/10/06-SE-GSUC-1(Refusal)*	*T1-17/10/06-SE-GSUC-1(Surface)*	*T1-17/10/06-SE-GSUC-2(Mid)*	*T1-17/10/06-SE-GSUC-2(Refusal)*	*T1-17/10/06-SE-GSUC-2(Surface)*	*T1-17/10/06-SE-GSUC-3(Mid)*	*T1-17/10/06-SE-GSUC-3(Refusal)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0096	< 0.0078	< 0.010	< 0.0097	< 0.0074	< 0.012	< 0.012	< 0.0099
Aroclor-1221 (PCB-1221)	mg/kg	< 0.015	< 0.012	< 0.016	< 0.015	< 0.012	< 0.019	< 0.020	< 0.016
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0096	< 0.0078	< 0.010	< 0.0097	< 0.0074	< 0.012	< 0.012	< 0.0099
Aroclor-1242 (PCB-1242)	mg/kg	0.11	< 0.0078	0.062	0.50	0.55	< 0.012	< 0.012	0.75
Aroclor-1248 (PCB-1248)	mg/kg	< 0.0096	0.045	< 0.010	< 0.0097	< 0.0074	0.13	< 0.012	< 0.0099
Aroclor-1254 (PCB-1254)	mg/kg	0.047 J	0.013 J	0.030 J	0.15 J	0.18	0.032 J	< 0.012	0.096
Aroclor-1260 (PCB-1260)	mg/kg	0.059 J	0.036 J	0.034 J	0.11	0.18	0.033 J	0.058 J	0.12
Pesticides									
4,4'-DDD	mg/kg	< 0.00096	< 0.00078	< 0.0010	< 0.00097	< 0.00074	< 0.0012	< 0.0012	< 0.0049
4,4'-DDE	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0033 UJ	< 0.0047 UJ	< 0.0025 UJ	< 0.018 UJ	< 0.013
4,4'-DDT	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0089 UJ	< 0.012 UJ	< 0.0012 UJ	< 0.027 UJ	< 0.020 UJ
Aldrin	mg/kg	< 0.00055	< 0.00045	< 0.00060	< 0.00056	< 0.00043	< 0.00068	< 0.00071	< 0.0028
alpha-BHC	mg/kg	< 0.00096	< 0.00078	< 0.0010	< 0.00097	< 0.00074	< 0.0012	< 0.0012	< 0.0049
alpha-Chlordane	mg/kg	< 0.00050 UJ	< 0.00040 UJ	< 0.00054 UJ	< 0.00050 UJ	< 0.0026 UJ	< 0.00060 UJ	< 0.0020 UJ	< 0.0025
beta-BHC	mg/kg	< 0.0018	< 0.0014	< 0.0019	< 0.0018	< 0.0014	< 0.0022	< 0.0023	< 0.0091
delta-BHC	mg/kg	< 0.00050	< 0.00040	< 0.00054	< 0.00050	< 0.00038	< 0.00060	< 0.0012	< 0.0025
Dieldrin	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0054 UJ	< 0.0097 UJ	< 0.0030 UJ	< 0.0012 UJ	< 0.015
Endosulfan I	mg/kg	< 0.00064 UJ	< 0.00052 UJ	< 0.00069 UJ	< 0.00065 UJ	< 0.00050 UJ	< 0.00078 UJ	< 0.00083 UJ	< 0.0033
Endosulfan II	mg/kg	< 0.00096	< 0.00078	< 0.0010	< 0.0017	< 0.00074	< 0.0012	< 0.0012	< 0.0049
Endosulfan sulfate	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0040 UJ	< 0.0097 UJ	< 0.0012 UJ	< 0.0056 UJ	< 0.0049
Endrin	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0021 UJ	< 0.0061 UJ	< 0.0012 UJ	0.015 JN	< 0.0049
Endrin aldehyde	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.00097 UJ	< 0.00074 UJ	< 0.0024 UJ	< 0.020 UJ	< 0.0049
Endrin ketone	mg/kg	< 0.00096 UJ	< 0.00078 UJ	< 0.0010 UJ	< 0.0078 UJ	< 0.00074 UJ	< 0.0012 UJ	< 0.0012 UJ	< 0.0049
gamma-BHC (Lindane)	mg/kg	< 0.00050	< 0.00040	< 0.00054	< 0.00050	< 0.00038	< 0.00060	< 0.00064	< 0.0025
gamma-Chlordane	mg/kg	< 0.0029	< 0.0024	< 0.0032	< 0.0029	< 0.0023	< 0.0036	< 0.0038	< 0.015
Heptachlor	mg/kg	< 0.00050 UJ	< 0.00040 UJ	< 0.00054 UJ	< 0.00050 UJ	< 0.00038 UJ	< 0.00060 UJ	< 0.00064 UJ	< 0.0025
Heptachlor epoxide	mg/kg	< 0.00050 UJ	< 0.0010 UJ	< 0.0016 UJ	< 0.0065 UJ	< 0.011 UJ	< 0.00060 UJ	< 0.0036 UJ	< 0.0025
Methoxychlor	mg/kg	< 0.0050 UJ	< 0.0040 UJ	< 0.0054 UJ	< 0.0050 UJ	< 0.0038 UJ	< 0.0060 UJ	< 0.0064 UJ	< 0.025
Toxaphene	mg/kg	< 0.032	< 0.026	< 0.035	< 0.032	< 0.025	< 0.039	< 0.041	< 0.16
Petroleum Products									
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	110 J	< 24	75 J	250 J	410	190 J	240 J	840 J
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 29 UJ	< 24	< 31 UJ	< 29 UJ	39 J	< 36 UJ	< 37 UJ	100 J
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	47 J	< 24	< 31 UJ	57 J	89	55 J	65 J	220 J
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	160 J	< 24	75 J	300 J	540	240 J	310 J	1200 J
Semi-Volatile Organic Compounds									
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.025	< 0.021	< 0.027	< 0.025	< 0.020	< 0.031	< 0.033	< 0.026
2,4,5-Trichlorophenol	mg/kg	< 0.027	< 0.022	< 0.029	< 0.027	< 0.021	< 0.033	< 0.035	< 0.028
2,4,6-Trichlorophenol	mg/kg	< 0.025	< 0.021	< 0.027	< 0.025	< 0.020	< 0.031	< 0.033	< 0.026
2,4-Dichlorophenol	mg/kg	< 0.015	< 0.012	< 0.016	< 0.015	< 0.011	< 0.018	< 0.019	< 0.015
2,4-Dimethylphenol	mg/kg	< 0.025	< 0.021	< 0.027	< 0.025	< 0.020	< 0.031	< 0.033	< 0.026
2,4-Dinitrophenol	mg/kg	< 0.78	< 0.63	< 0.84	< 0.78	< 0.60	< 0.95	< 1.0	< 0.80
2,4-Dinitrotoluene	mg/kg	< 0.028	< 0.023	< 0.030	< 0.028	< 0.022	< 0.034	< 0.036	< 0.029
2,6-Dinitrotoluene	mg/kg	< 0.030	< 0.024	< 0.033	< 0.030	< 0.023	< 0.037	< 0.039	< 0.031
2-Chloronaphthalene	mg/kg	< 0.016	< 0.013	< 0.017	< 0.016	< 0.012	< 0.019	< 0.020	< 0.016
2-Chlorophenol	mg/kg	< 0.023	< 0.019	< 0.025	< 0.024	< 0.018	< 0.028	< 0.030	< 0.024

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-1*	*GSUC-1*	*GSUC-2*	*GSUC-2*	*GSUC-2*	*GSUC-3*	*GSUC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-1(Mid)*	*T1-17/10/06-SE-GSUC-1(Refusal)*	*T1-17/10/06-SE-GSUC-1(Surface)*	*T1-17/10/06-SE-GSUC-2(Mid)*	*T1-17/10/06-SE-GSUC-2(Refusal)*	*T1-17/10/06-SE-GSUC-2(Surface)*	*T1-17/10/06-SE-GSUC-3(Mid)*	*T1-17/10/06-SE-GSUC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
2-Methylnaphthalene	mg/kg	< 0.002	< 0.002	0.017	< 0.002	0.19	< 0.002	1.8	9.4
2-Methylphenol	mg/kg	< 0.027	< 0.022	< 0.029	< 0.027	< 0.021	< 0.033	< 0.035	< 0.028
2-Nitroaniline	mg/kg	< 0.026	< 0.021	< 0.028	< 0.026	< 0.020	< 0.032	< 0.034	< 0.027
2-Nitrophenol	mg/kg	< 0.030	< 0.024	< 0.033	< 0.030	< 0.023	< 0.037	< 0.039	< 0.031
3,3'-Dichlorobenzidine	mg/kg	< 0.16	< 0.13	< 0.17	< 0.16	< 0.12	< 0.19	< 0.20	< 0.16
3-Nitroaniline	mg/kg	< 0.12	< 0.095	< 0.13	< 0.12	< 0.090	< 0.14	< 0.15	< 0.12
4,6-Dinitro-2-methylphenol	mg/kg	< 0.097	< 0.079	< 0.11	< 0.098	< 0.075	< 0.12	< 0.13	< 0.10
4-Bromophenyl phenyl ether	mg/kg	< 0.028	< 0.023	< 0.030	< 0.028	< 0.022	< 0.034	< 0.036	< 0.029
4-Chloro-3-methylphenol	mg/kg	< 0.024	< 0.020	< 0.026	< 0.025	< 0.019	< 0.030	< 0.031	< 0.025
4-Chloroaniline	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080
4-Chlorophenyl phenyl ether	mg/kg	< 0.014	< 0.011	< 0.015	< 0.014	< 0.011	< 0.017	< 0.018	< 0.014
4-Methylphenol	mg/kg	< 0.031	< 0.025	< 0.034	< 0.031	< 0.024	< 0.038	< 0.040	< 0.032
4-Nitroaniline	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080
4-Nitrophenol	mg/kg	< 0.39	< 0.32	< 0.42	< 0.39	< 0.30	< 0.47	< 0.50	< 0.40
Acenaphthene	mg/kg	0.32	0.15	0.37	3.0	5.0	0.51	3.9	9.1
Acenaphthylene	mg/kg	0.92	0.53	0.86	5.2	11	1.2	5.5	11
Acetophenone	mg/kg	< 0.017	< 0.014	< 0.019	< 0.018	< 0.014	< 0.021	< 0.023	< 0.018
Anthracene	mg/kg	0.47	0.11	0.31	5.5	10	0.57	4.4	11
Atrazine	mg/kg	< 0.024	< 0.020	< 0.026	< 0.025	< 0.019	< 0.030	< 0.031	< 0.025
Benzaldehyde	mg/kg	R	R	R	R	R	R	R	R
Benzo(a)anthracene	mg/kg	0.74	0.30	0.48	3.0	5.2	0.54	2.0	4.3
Benzo(a)pyrene	mg/kg	0.52	0.24	0.39	2.2	3.8	0.45	1.0	2.5
Benzo(b)fluoranthene	mg/kg	0.52	0.22	0.43	2.2	3.6	0.68	1.7	2.7
Benzo(g,h,i)perylene	mg/kg	0.14	0.074	0.14	0.54	1.3	0.15	0.31	0.51
Benzo(k)fluoranthene	mg/kg	< 0.003	< 0.002	< 0.003	< 0.003	< 0.011	< 0.004	< 0.004	< 0.003
Biphenyl	mg/kg	< 0.017	< 0.014	< 0.019	0.12 J	0.18 J	< 0.021	0.12 J	0.36 J
bis(2-Chloroethoxy)methane	mg/kg	< 0.023	< 0.019	< 0.025	< 0.024	< 0.018	< 0.028	< 0.030	< 0.024
bis(2-Chloroethyl)ether	mg/kg	< 0.076	< 0.062	< 0.082	< 0.076	< 0.059	< 0.093	< 0.098	< 0.078
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.19	< 0.16	< 0.21	< 0.20	< 0.15	< 0.24	< 0.25	< 0.20
Butyl benzylphthalate	mg/kg	< 0.022	< 0.018	< 0.024	< 0.023	< 0.017	< 0.027	< 0.029	< 0.023
Caprolactam	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080
Carbazole	mg/kg	< 0.015	< 0.012	< 0.016	< 0.015	< 0.011	< 0.018	< 0.019	< 0.015
Chrysene	mg/kg	0.73	0.30	0.50	3.4	5.2	0.53	3.0	4.4
Dibenz(a,h)anthracene	mg/kg	0.045	0.023	0.045	0.18	0.39	0.053	0.11	0.17
Dibenzofuran	mg/kg	< 0.016	< 0.013	< 0.017	< 0.016	< 0.012	< 0.019	< 0.020	< 0.016
Diethyl phthalate	mg/kg	< 0.014	< 0.011	< 0.015	< 0.014	< 0.011	< 0.017	< 0.018	< 0.014
Dimethyl phthalate	mg/kg	< 0.011	< 0.0087	< 0.012	< 0.011	< 0.0083	< 0.013	< 0.014	< 0.011
Di-n-butylphthalate	mg/kg	< 0.018	< 0.015	< 0.020	< 0.019	< 0.014	< 0.023	< 0.024	< 0.019
Di-n-octyl phthalate	mg/kg	< 0.014	< 0.011	< 0.015	< 0.014	< 0.011	< 0.017	< 0.018	< 0.014
Fluoranthene	mg/kg	1.7	0.70	0.87	6.3	9.8	1.1	6.2	9.5
Fluorene	mg/kg	0.11	0.055	0.11	3.4	9.3	0.37	5.1	14
Hexachlorobenzene	mg/kg	< 0.021	< 0.017	< 0.023	< 0.022	< 0.017	< 0.026	< 0.028	< 0.022
Hexachlorobutadiene	mg/kg	< 0.069	< 0.056	< 0.075	< 0.070	< 0.053	< 0.084	< 0.089	< 0.071
Hexachlorocyclopentadiene	mg/kg	< 0.31 UJ	< 0.25 UJ	< 0.34 UJ	< 0.31 UJ	< 0.24 UJ	< 0.38 UJ	< 0.40 UJ	< 0.32 UJ
Hexachloroethane	mg/kg	< 0.050	< 0.040	< 0.054	< 0.050	< 0.038	< 0.060	< 0.064	< 0.051
Indeno(1,2,3-cd)pyrene	mg/kg	0.10	0.056	0.11	0.43	0.96	0.13	0.25	0.43
Isophorone	mg/kg	< 0.032	< 0.026	< 0.035	< 0.032	< 0.025	< 0.039	< 0.041	< 0.033
Naphthalene	mg/kg	< 0.003	< 0.002	< 0.003	0.12	0.26	0.033	0.68	2.9
Nitrobenzene	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-1*	*GSUC-1*	*GSUC-2*	*GSUC-2*	*GSUC-2*	*GSUC-3*	*GSUC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-1(Mid)*	*T1-17/10/06-SE-GSUC-1(Refusal)*	*T1-17/10/06-SE-GSUC-1(Surface)*	*T1-17/10/06-SE-GSUC-2(Mid)*	*T1-17/10/06-SE-GSUC-2(Refusal)*	*T1-17/10/06-SE-GSUC-2(Surface)*	*T1-17/10/06-SE-GSUC-3(Mid)*	*T1-17/10/06-SE-GSUC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
N-Nitrosodi-n-propylamine	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080
N-Nitrosodiphenylamine	mg/kg	0.19 J	< 0.021	0.081 J	0.43 J	0.55	0.38 J	0.97	0.47 J
Pentachlorophenol	mg/kg	< 0.39	< 0.32	< 0.42	< 0.39	< 0.30	< 0.47	< 0.50	< 0.40
Phenanthrene	mg/kg	0.19	0.075	0.15	10	29	0.49	5.8	34
Phenol	mg/kg	< 0.078	< 0.063	< 0.084	< 0.078	< 0.060	< 0.095	< 0.10	< 0.080
Pyrene	mg/kg	3.3	1.6	1.8	12	19	1.8	9.4	18
Volatile Organic Compounds									
1,1,1-Trichloroethane	mg/kg	< 0.0013	< 0.00021	< 0.00028	< 0.026	< 0.020	< 0.0016	< 0.033	< 0.026
1,1,2,2-Tetrachloroethane	mg/kg	< 0.0034	< 0.00054	< 0.00073	< 0.030	< 0.023	< 0.0041	< 0.038	< 0.030
1,1,2-Trichloroethane	mg/kg	< 0.0039	< 0.00064	< 0.00085	< 0.019	< 0.014	< 0.0048	< 0.024	< 0.019
1,1-Dichloroethane	mg/kg	< 0.0015	< 0.00023	< 0.00032	< 0.026	< 0.020	< 0.0018	< 0.033	< 0.026
1,1-Dichloroethene	mg/kg	< 0.0057	< 0.00092	< 0.0012	< 0.030	< 0.023	< 0.0069	< 0.038	< 0.030
1,2,4-Trichlorobenzene	mg/kg	< 0.0026	< 0.00042	< 0.00057	< 0.037	0.064 J	< 0.0032	0.057 J	< 0.038
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.0029	< 0.00047	< 0.00063	< 0.19	< 0.14	< 0.0036	< 0.24	< 0.19
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.0019	< 0.00031	< 0.00041	< 0.011	< 0.0085	< 0.0023	< 0.014	< 0.011
1,2-Dichlorobenzene	mg/kg	< 0.0013	< 0.00021	0.00033 J	< 0.019	< 0.014	0.0019 J	0.040 J	0.027 J
1,2-Dichloroethane	mg/kg	< 0.0022	< 0.00035	< 0.00047	< 0.011	< 0.0085	< 0.0027	< 0.014	< 0.011
1,2-Dichloropropane	mg/kg	< 0.0025	< 0.00040	< 0.00054	< 0.015	< 0.011	< 0.0030	< 0.019	< 0.015
1,3-Dichlorobenzene	mg/kg	< 0.0017	< 0.00028	< 0.00038	< 0.048	< 0.037	< 0.0021	< 0.061	< 0.049
1,4-Dichlorobenzene	mg/kg	< 0.0023	< 0.00038	< 0.00050	< 0.033	< 0.026	< 0.0028	< 0.043	0.065 J
2-Butanone (Methyl Ethyl Ketone)	mg/kg	0.027 J	< 0.017	< 0.015	< 0.21	< 0.16	< 0.028	< 0.27	< 0.21
2-Hexanone	mg/kg	< 0.012	< 0.0019	< 0.0026	< 0.052	< 0.040	< 0.015	< 0.066	< 0.053
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/kg	< 0.0057	< 0.00092	< 0.0012	< 0.041	< 0.031	< 0.0069	< 0.052	< 0.041
Acetone	mg/kg	0.21 J	0.13 J	0.097 J	R	R	0.14 J	R	R
Benzene	mg/kg	< 0.0015	< 0.00023	< 0.00032	< 0.022	0.049 J	< 0.0018	0.039 J	0.062 J
Bromodichloromethane	mg/kg	< 0.0012	< 0.00019	< 0.00025	< 0.019	< 0.014	< 0.0014	< 0.024	< 0.019
Bromoform	mg/kg	< 0.0017	< 0.00028	< 0.00038	< 0.093	< 0.071	< 0.0021	< 0.12	< 0.094
Bromomethane (Methyl Bromide)	mg/kg	< 0.0036	< 0.00059	< 0.00079	< 0.078	< 0.060	< 0.0044	< 0.099	< 0.079
Carbon disulfide	mg/kg	0.021 J	< 0.0050	0.016	< 0.097	< 0.074	0.038 J	< 0.12	< 0.098
Carbon tetrachloride	mg/kg	< 0.0020	< 0.00033	< 0.00044	< 0.015	< 0.011	< 0.0025	< 0.019	< 0.015
Chlorobenzene	mg/kg	< 0.0016	< 0.00026	< 0.00035	< 0.022	< 0.017	< 0.0020	0.12 J	0.11 J
Chloroethane	mg/kg	< 0.0019	< 0.00031	< 0.00041	R	R	< 0.0023	R	R
Chloroform (Trichloromethane)	mg/kg	< 0.0017	< 0.00028	< 0.00038	< 0.041	< 0.031	< 0.0021	< 0.052	< 0.041
Chloromethane (Methyl Chloride)	mg/kg	< 0.0048	< 0.00078	< 0.0010	< 0.026	< 0.020	< 0.0059	< 0.033	< 0.026
cis-1,2-Dichloroethene	mg/kg	< 0.0028	< 0.00045	< 0.00060	< 0.037	< 0.028	< 0.0034	< 0.047	< 0.038
cis-1,3-Dichloropropene	mg/kg	< 0.0023	< 0.00038	< 0.00050	< 0.019	< 0.014	< 0.0028	< 0.024	< 0.019
Cyclohexane	mg/kg	< 0.0012	< 0.00019	0.00061 J	< 0.026	< 0.020	< 0.0014	< 0.033	< 0.026
Dibromochloromethane	mg/kg	< 0.00073	< 0.00012	< 0.00016	< 0.022	< 0.017	< 0.00089	< 0.028	< 0.023
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.0017	< 0.00028	< 0.00038	< 0.037	< 0.028	< 0.0021	< 0.047	< 0.038
Ethylbenzene	mg/kg	0.0013 J	< 0.00031	< 0.00090	< 0.019	< 0.020	0.0022 J	0.068 J	0.69 J
Isopropylbenzene	mg/kg	0.0082 J	0.0021 J	0.0032 J	0.11 J	0.20 J	0.030 J	0.49 J	0.42 J
m&p-Xylene	mg/kg	0.011 J	< 0.0011	0.0096 J	0.33 J	0.56 J	0.066 J	1.2 J	1.9
Methyl acetate	mg/kg	< 0.0087	0.0021 J	< 0.0019	< 0.059	< 0.046	< 0.011	0.20 J	< 0.060
Methyl cyclohexane	mg/kg	< 0.0016	0.00076 J	< 0.00035	0.065 J	0.067 J	< 0.0020	< 0.033	0.17 J
Methyl Tert Butyl Ether	mg/kg	< 0.0031	< 0.00050	< 0.00066	< 0.022	< 0.017	< 0.0037	< 0.028	< 0.023
Methylene chloride	mg/kg	< 0.0035	< 0.0057	< 0.00076	< 0.30	< 0.23	< 0.0043	< 0.39	< 0.29
o-Xylene	mg/kg	0.037 J	0.0070 J	0.013	0.21 J	0.35 J	0.040 J	0.79 J	1.3 J
Styrene	mg/kg	< 0.0015	< 0.00023	< 0.00032	< 0.022	< 0.017	< 0.0018	< 0.028	< 0.023

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-1*	*GSUC-1*	*GSUC-1*	*GSUC-2*	*GSUC-2*	*GSUC-2*	*GSUC-3*	*GSUC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-1(Mid)*	*T1-17/10/06-SE-GSUC-1(Refusal)*	*T1-17/10/06-SE-GSUC-1(Surface)*	*T1-17/10/06-SE-GSUC-2(Mid)*	*T1-17/10/06-SE-GSUC-2(Refusal)*	*T1-17/10/06-SE-GSUC-2(Surface)*	*T1-17/10/06-SE-GSUC-3(Mid)*	*T1-17/10/06-SE-GSUC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Volatiles (Cont'd.)									
Tetrachloroethene	mg/kg	< 0.00087	< 0.00014	< 0.00019	< 0.030	< 0.023	< 0.0011	< 0.038	< 0.030
Toluene	mg/kg	< 0.0027	< 0.00083	< 0.00063	< 0.078	< 0.060	< 0.0027	< 0.099	< 0.079
trans-1,2-Dichloroethene	mg/kg	< 0.0017	< 0.00028	< 0.00038	< 0.026	< 0.020	< 0.0021	< 0.033	< 0.026
trans-1,3-Dichloropropene	mg/kg	< 0.0019	< 0.00031	< 0.00041	< 0.011	< 0.0085	< 0.0023	< 0.014	< 0.011
Trichloroethene	mg/kg	< 0.0022	< 0.00035	< 0.00047	< 0.059	< 0.046	< 0.0027	< 0.076	< 0.060
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.0042	< 0.00068	< 0.00091	< 0.037	< 0.028	< 0.0052	< 0.047	< 0.038
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.0016	< 0.00026	< 0.00036	< 0.093	< 0.071	< 0.0020	< 0.12	< 0.094
Vinyl chloride	mg/kg	< 0.0023	< 0.00038	< 0.00050	< 0.022	< 0.017	< 0.0028	< 0.028	< 0.023
General Chemistry									
Cyanide (total)	mg/kg	< 0.51	< 0.43	< 0.59	< 0.52	< 0.40	< 0.58	< 0.65	< 0.50
Moisture	%	65.7	57.8	68.3	66.0	55.6	71.9	73.4	66.6
Sulfide (Acid Volatile)	umol/g	-	-	8.3	-	-	106	-	-
Total Organic Carbon (TOC)	mg/kg	31700	28100	38500	28200	31500	60400	54600	19900

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-3*	*JC-1*	*JC-1*	*JC-1*	*JC-2*	*JC-2*	*JC-2*	*JC-3*	*JC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-3(Surface)*	*T1-18/10/06-SE-JC-1(Mid)*	*T1-18/10/06-SE-JC-1(Refusal)*	*T1-18/10/06-SE-JC-1(Surface)*	*T1-19/10/06-SE-JC-2(Mid)*	*T1-19/10/06-SE-JC-2(Refusal)*	*T1-19/10/06-SE-JC-2(Surface)*	*T1-19/10/06-SE-JC-3(Mid)*	*T1-19/10/06-SE-JC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	44.0	33.0	50.5	63.0	59.0	61.5	44.0	50.5	37.0
Grain Size 0.002 mm	% passed	49.5	35.5	54.0	67.0	64.0	68.0	47.0	57.0	39.0
Grain Size 0.005 mm	% passed	56.0	40.5	60.5	73.0	66.0	74.5	53.0	66.0	45.0
Grain Size 0.02 mm	% passed	81.0	55.5	66.5	77.0	77.0	83.5	69.5	84.5	64.0
Grain Size 0.05 mm	% passed	89.0	69.0	78.0	86.0	85.5	88.0	74.0	93.5	85.0
Grain Size 0.064 mm	% passed	92.0	75.5	83.0	89.5	89.0	88.0	74.5	97.0	91.5
Grain Size 0.075 mm	% passed	93.5	79.2	86.2	91.1	91.3	88.4	74.9	98.0	95.0
Grain Size 0.15 mm	% passed	96.3	93.7	93.9	91.5	95.0	92.3	78.6	98.6	95.5
Grain Size 0.3 mm	% passed	98.5	95.0	96.6	91.9	95.9	93.2	84.0	98.6	96.0
Grain Size 0.6 mm	% passed	98.7	95.6	96.7	92.3	96.5	93.5	90.7	98.7	96.1
Grain Size 1.18 mm	% passed	98.8	97.2	96.9	92.9	96.7	94.1	97.4	98.8	96.4
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	98.9	98.5	97.2	94.5	96.8	94.5	98.8	99.0	96.5
Grain Size 3.35 mm	% passed	99.9	99.6	99.7	99.5	97.0	99.9	99.7	99.7	99.6
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	100	99.8	99.9	100	99.9	99.9	100	99.9	99.9
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	34300	22800	32800	45400	41500	36500	58000	31100	27900
Antimony	mg/kg	< 2.67 UJ	< 1.17 UJ	< 1.25 UJ	< 1.75 UJ	< 1.31 UJ	< 1.29 UJ	< 2.20 UJ	< 1.38 UJ	< 1.30 UJ
Arsenic	mg/kg	8.18 J	4.67 J	7.35	7.48 J	28.1	9.97	10.9 J	3.87 J	3.51 J
Barium	mg/kg	163	127 J	487 J	316 J	282	366	195	252	195
Beryllium	mg/kg	1.70 J	1.15 J	1.53 J	1.97 J	2.76 J	1.82 J	2.04 J	2.08 J	1.60 J
Cadmium	mg/kg	< 0.193	0.302 J	0.518 J	0.502 J	< 0.0942	0.480 J	0.766 J	0.283 J	0.294 J
Cadmium	umol/g	< 0.000421	-	-	0.000995 J	-	-	0.00173 J	-	-
Calcium	mg/kg	5890	5870	27300	16300	6820	7830	15800	10100	10100
Chromium Total	mg/kg	47.0	24.5	33.8	50.5	43.9	37.3	65.1	29.3	27.0
Chromium VI (Hexavalent)	mg/kg	< 1.2 UJ	< 0.54 UJ	< 0.56 UJ	< 0.81	< 0.60 UJ	< 0.58 UJ	< 0.97 UJ	3.2 J	< 2.9
Cobalt	mg/kg	13.2 J	12.6 J	10.3 J	11.3 J	30.5	15.7	13.9	6.63 J	6.80 J
Copper	mg/kg	38.5	8.08 J	14.7 J	67.0 J	12.8	11.1	360	16.3	10.7
Copper	umol/g	0.0565 J	-	-	0.494 J	-	-	2.20 J	-	-
Iron	mg/kg	32300	23900	27800	36400	84700	41100	38100	17400	18500
Lead	mg/kg	50.4	13.7 J	14.0 J	30.1 J	42.8	20.4	55.7	19.4	16.8
Lead	umol/g	0.237	-	-	0.0814 J	-	-	0.129 J	-	-
Magnesium	mg/kg	8730	3890	6160	7050	3420	3380	4920	2940	2550
Manganese	mg/kg	1190	325 J	1090 J	780 J	1150	519	631	274	1020
Mercury	mg/kg	0.0937 J	< 0.0141	< 0.0135	0.0676 J	0.0173 J	0.0368 J	0.211 J	0.0359 J	0.0259 J
Nickel	mg/kg	24.1	18.7	23.6	27.3	24.9	19.6	26.2	14.9	12.7
Nickel	umol/g	0.759 J	-	-	0.385 J	-	-	0.553 J	-	-
Potassium	mg/kg	6170	2570 J	3860 J	5870 J	2670 J	2250 J	3090 J	1730 J	1660 J
Selenium	mg/kg	< 2.90	< 1.27	< 1.35	< 1.90	3.34 J	< 1.40	< 2.38	< 1.50	< 1.41
Silver	mg/kg	< 0.732	0.259 J	0.390 J	0.403 J	0.472 J	0.271 J	1.24 J	< 0.260	0.343 J
Sodium	mg/kg	5150	1150	1420	2220	1380	1630	1340	< 344	< 287
Thallium	mg/kg	< 3.94	< 1.72	< 1.83	< 2.58	4.86 J	< 1.90	< 3.24	< 2.03	< 1.91
Vanadium	mg/kg	68.8	43.9	56.7	71.4	129	73.9	85.2	46.0	45.1
Zinc	mg/kg	114	40.5	66.5	108	49.3	51.6	371	41.3	37.9
Zinc	umol/g	0.903 J	-	-	0.592	-	-	3.27	-	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*GSUC-3*	*JC-1*	*JC-1*	*JC-1*	*JC-2*	*JC-2*	*JC-2*	*JC-3*	*JC-3*
Sample ID:		*T1-17/10/06-SE-GSUC-3(Surface)*	*T1-18/10/06-SE-JC-1(Mid)*	*T1-18/10/06-SE-JC-1(Refusal)*	*T1-18/10/06-SE-JC-1(Surface)*	*T1-19/10/06-SE-JC-2(Mid)*	*T1-19/10/06-SE-JC-2(Refusal)*	*T1-19/10/06-SE-JC-2(Surface)*	*T1-19/10/06-SE-JC-3(Mid)*	*T1-19/10/06-SE-JC-3(Refusal)*
Sample Date:		*10/17/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.010	< 0.0045	< 0.0046	< 0.0067	< 0.0049	< 0.0048	< 0.080	< 0.0051	< 0.0048
Aroclor-1221 (PCB-1221)	mg/kg	< 0.016	< 0.0071	< 0.0072	< 0.010	< 0.0078	< 0.0075	< 0.13	< 0.0081	< 0.0076
Aroclor-1232 (PCB-1232)	mg/kg	< 0.010	< 0.0045	< 0.0046	< 0.0067	< 0.0049	< 0.0048	< 0.080	< 0.0051	< 0.0048
Aroclor-1242 (PCB-1242)	mg/kg	< 0.010	< 0.0045	< 0.0046	< 0.0067	< 0.0049	< 0.0048	< 0.080	< 0.0051	< 0.0048
Aroclor-1248 (PCB-1248)	mg/kg	0.052	< 0.0045	< 0.0046	< 0.0067	< 0.0049	< 0.0048	< 0.080	< 0.0051	< 0.0048
Aroclor-1254 (PCB-1254)	mg/kg	0.027 J	< 0.0045	< 0.0046	0.17	< 0.0049	< 0.0048	0.88	< 0.0051	< 0.0048
Aroclor-1260 (PCB-1260)	mg/kg	0.027 J	< 0.0045	< 0.0046	< 0.0067	< 0.0049	< 0.0048	< 0.080	< 0.0051	< 0.0048
Pesticides										
4,4'-DDD	mg/kg	< 0.0010	< 0.00045	< 0.00046	< 0.00067	< 0.00049	< 0.00048	< 0.00080	< 0.00051	< 0.00048
4,4'-DDE	mg/kg	< 0.0013 UJ	< 0.00045	< 0.00046	< 0.00067	< 0.00049	< 0.00048	< 0.018	< 0.00051	< 0.00048
4,4'-DDT	mg/kg	< 0.0010 UJ	< 0.00045 UJ	< 0.00046 UJ	< 0.00067 UJ	< 0.00049 UJ	< 0.00048 UJ	< 0.00080 UJ	< 0.00051 UJ	< 0.00048 UJ
Aldrin	mg/kg	< 0.00057	0.00030 J	< 0.00026	< 0.00038	< 0.00028	< 0.00027	< 0.0054	< 0.00030	< 0.00028
alpha-BHC	mg/kg	< 0.0010	< 0.00045	< 0.00046	0.00073 J	< 0.00049	< 0.00048	0.0064 J	< 0.00051	< 0.00048
alpha-Chlordane	mg/kg	< 0.00051 UJ	0.00046 J	< 0.00024	< 0.0029	< 0.00025	< 0.00025	< 0.0071	< 0.00026	< 0.00025
beta-BHC	mg/kg	< 0.0018	< 0.00083	< 0.00085	< 0.0012	< 0.00091	< 0.00088	< 0.0015	< 0.00095	< 0.00089
delta-BHC	mg/kg	< 0.00051	< 0.00023 UJ	< 0.00024 UJ	< 0.00034 UJ	< 0.00025	< 0.00025	< 0.0071	< 0.00026	< 0.00025
Dieldrin	mg/kg	< 0.0010 UJ	< 0.00045	< 0.00046	< 0.00067	0.00087 J	< 0.00048	< 0.00080	< 0.00051	< 0.00048
Endosulfan I	mg/kg	< 0.00066 UJ	0.0010	< 0.00031	< 0.0037	< 0.00033	< 0.00032	< 0.014	< 0.00034	< 0.00032
Endosulfan II	mg/kg	< 0.0010	< 0.00045	< 0.00046	< 0.0040	< 0.00049	< 0.00048	< 0.00080	< 0.00051	< 0.00048
Endosulfan sulfate	mg/kg	< 0.0010 UJ	< 0.00045	< 0.00046	< 0.00067	< 0.00049	< 0.00048	< 0.00080	< 0.00051	< 0.00048
Endrin	mg/kg	< 0.0010 UJ	< 0.00045	< 0.00046	< 0.00067	< 0.00049	< 0.00048	< 0.0039	< 0.00051	< 0.00048
Endrin aldehyde	mg/kg	< 0.0010 UJ	< 0.00045	< 0.00046	< 0.0010	< 0.00049	< 0.00048	< 0.0020	< 0.00051	< 0.00048
Endrin ketone	mg/kg	< 0.0010 UJ	< 0.00045 UJ	< 0.00046 UJ	< 0.00067 UJ	0.00063 J	< 0.00048 UJ	< 0.00080 UJ	< 0.00051 UJ	< 0.00048 UJ
gamma-BHC (Lindane)	mg/kg	< 0.00051	< 0.00023	< 0.00024	< 0.00034	< 0.00025	< 0.00025	0.0033	< 0.00026	< 0.00025
gamma-Chlordane	mg/kg	< 0.0030	< 0.0014	< 0.0014	< 0.0020	< 0.0015	< 0.0014	< 0.0024	< 0.0016	< 0.0015
Heptachlor	mg/kg	< 0.00051 UJ	< 0.00023	< 0.00024	< 0.00034	< 0.00025	< 0.00025	< 0.0029	< 0.00026	< 0.00025
Heptachlor epoxide	mg/kg	< 0.00051 UJ	0.00037 J	< 0.00024	< 0.00034	< 0.00025	< 0.00025	< 0.014	< 0.00026	< 0.00025
Methoxychlor	mg/kg	< 0.0051 UJ	< 0.0023 UJ	< 0.0024 UJ	< 0.0034 UJ	< 0.0025 UJ	< 0.0025 UJ	< 0.0041 UJ	< 0.0026 UJ	< 0.0025 UJ
Toxaphene	mg/kg	< 0.033	< 0.015	< 0.015	< 0.022	< 0.016	< 0.016	< 0.027	< 0.017	< 0.016
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	340 J	< 14	< 14	150 J	45	< 14	92 J	< 16	< 15
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	43 J	< 14	< 14	74	< 15	< 14	< 24 UJ	< 16	< 15
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	80 J	< 14	< 14	< 20	< 15	< 14	< 24 UJ	< 16	< 15
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	470 J	< 14	< 14	230 J	45	< 14	92 J	< 16	< 15
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.026	< 0.012	< 0.012	< 0.017	< 0.013	< 0.013	< 0.021	< 0.013	< 0.013
2,4,5-Trichlorophenol	mg/kg	< 0.028	< 0.013	< 0.013	< 0.019	< 0.014	< 0.013	< 0.023	< 0.015	< 0.014
2,4,6-Trichlorophenol	mg/kg	< 0.026	< 0.012	< 0.012	< 0.017	< 0.013	< 0.013	< 0.021	< 0.013	< 0.013
2,4-Dichlorophenol	mg/kg	< 0.015	< 0.0068	< 0.0070	< 0.010	< 0.0075	< 0.0072	< 0.012	< 0.0078	< 0.0073
2,4-Dimethylphenol	mg/kg	< 0.026	< 0.012	< 0.012	< 0.017	< 0.013	< 0.013	< 0.021	< 0.013	< 0.013
2,4-Dinitrophenol	mg/kg	< 0.81	< 0.36	< 0.37	< 0.54	< 0.40	< 0.38	< 0.65	< 0.42	< 0.39
2,4-Dinitrotoluene	mg/kg	< 0.029	< 0.013	< 0.013	< 0.019	< 0.014	< 0.014	< 0.024	< 0.015	< 0.014
2,6-Dinitrotoluene	mg/kg	< 0.031	< 0.014	< 0.014	< 0.021	< 0.015	< 0.015	< 0.025	< 0.016	< 0.015
2-Chloronaphthalene	mg/kg	< 0.016	< 0.0073	< 0.0074	< 0.011	< 0.0080	< 0.0077	< 0.013	< 0.0083	< 0.0078
2-Chlorophenol	mg/kg	< 0.024	< 0.011	< 0.011	< 0.016	< 0.012	< 0.012	< 0.019	< 0.012	< 0.012

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-3*	*JC-1*	*JC-1*	*JC-1*	*JC-2*	*JC-2*	*JC-2*	*JC-3*	*JC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-3(Surface)*	*T1-18/10/06-SE-JC-1(Mid)*	*T1-18/10/06-SE-JC-1(Refusal)*	*T1-18/10/06-SE-JC-1(Surface)*	*T1-19/10/06-SE-JC-2(Mid)*	*T1-19/10/06-SE-JC-2(Refusal)*	*T1-19/10/06-SE-JC-2(Surface)*	*T1-19/10/06-SE-JC-3(Mid)*	*T1-19/10/06-SE-JC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	0.023	0.002 J	< 0.0009	0.052 J	0.006	0.015	0.14	< 0.001	< 0.001
2-Methylphenol	mg/kg	< 0.028	< 0.013	< 0.013	< 0.019	< 0.014	< 0.013	< 0.023	< 0.015	< 0.014
2-Nitroaniline	mg/kg	< 0.027	< 0.012	< 0.013	< 0.018	< 0.013	< 0.013	< 0.022	< 0.014	< 0.013
2-Nitrophenol	mg/kg	< 0.031	< 0.014	< 0.014	< 0.021	< 0.015	< 0.015	< 0.025	< 0.016	< 0.015
3,3'-Dichlorobenzidine	mg/kg	< 0.16	< 0.073	< 0.074	< 0.11	< 0.080	< 0.077	< 0.13	< 0.083	< 0.078
3-Nitroaniline	mg/kg	< 0.12	< 0.054	< 0.056	< 0.081	< 0.060	< 0.058	< 0.097	< 0.062	< 0.059
4,6-Dinitro-2-methylphenol	mg/kg	< 0.10	< 0.045	< 0.046	< 0.067	< 0.050	< 0.048	< 0.081	< 0.052	< 0.049
4-Bromophenyl phenyl ether	mg/kg	< 0.029	< 0.013	< 0.013	< 0.019	< 0.014	< 0.014	< 0.024	< 0.015	< 0.014
4-Chloro-3-methylphenol	mg/kg	< 0.025	< 0.011	< 0.012	< 0.017	< 0.012	< 0.012	< 0.020	< 0.013	< 0.012
4-Chloroaniline	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039
4-Chlorophenyl phenyl ether	mg/kg	< 0.014	< 0.0063	< 0.0065	< 0.0094	< 0.0070	< 0.0067	< 0.011	< 0.0073	< 0.0068
4-Methylphenol	mg/kg	< 0.032	< 0.015	< 0.015	< 0.022	< 0.016	< 0.015	< 0.026	< 0.017	< 0.016
4-Nitroaniline	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039
4-Nitrophenol	mg/kg	< 0.40	< 0.18	< 0.19	< 0.27	< 0.20	< 0.19	< 0.32	< 0.21	< 0.20
Acenaphthene	mg/kg	0.11	0.13	< 0.0009	1.9	0.80	0.51	15	0.002 J	0.004
Acenaphthylene	mg/kg	0.38	0.20	0.010	1.5	0.13	0.051	12	0.004	0.006
Acetophenone	mg/kg	< 0.018	< 0.0082	< 0.0084	0.015 J	< 0.0090	< 0.0087	< 0.015	< 0.0093	< 0.0088
Anthracene	mg/kg	0.18	0.033	0.002 J	0.22	0.23	0.11	6.1	0.0007 J	0.002 J
Atrazine	mg/kg	< 0.025	< 0.011	< 0.012	< 0.017	< 0.012	< 0.012	< 0.020	< 0.013	< 0.012
Benzaldehyde	mg/kg	R	R	R	R	< 0.018	< 0.018	0.048 J	< 0.019	< 0.018
Benzo(a)anthracene	mg/kg	0.19	0.033	0.003	0.29	0.032	0.004	4.3	< 0.001	0.001 J
Benzo(a)pyrene	mg/kg	0.13	0.022	0.003	0.23	0.020	0.001 J	3.1	< 0.001	< 0.001
Benzo(b)fluoranthene	mg/kg	0.24	0.028	0.003	0.25	0.016	< 0.002	2.4	< 0.002	< 0.002
Benzo(g,h,i)perylene	mg/kg	0.043	0.017	0.002 J	0.13 J	0.008	< 0.001	0.93	< 0.002	< 0.001
Benzo(k)fluoranthene	mg/kg	< 0.003	0.007	< 0.001	0.053 J	0.004	< 0.001	0.63	< 0.002	< 0.001
Biphenyl	mg/kg	0.034 J	< 0.0082	< 0.0084	< 0.012	0.68	0.44	2.1	< 0.0093	< 0.0088
bis(2-Chloroethoxy)methane	mg/kg	< 0.024	< 0.011	< 0.011	< 0.016	< 0.012	< 0.012	< 0.019	< 0.012	< 0.012
bis(2-Chloroethyl)ether	mg/kg	< 0.079	< 0.035	< 0.036	< 0.052	< 0.039	< 0.038	< 0.063	< 0.040	< 0.038
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.20	< 0.091	< 0.093	< 0.13	< 0.10	< 0.096	0.48	< 0.10	< 0.098
Butyl benzylphthalate	mg/kg	< 0.023	< 0.010	< 0.011	< 0.015	< 0.011	< 0.011	< 0.019	< 0.012	< 0.011
Caprolactam	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039
Carbazole	mg/kg	< 0.015	< 0.0068	< 0.0070	< 0.010	< 0.0075	< 0.0072	< 0.012	< 0.0078	< 0.0073
Chrysene	mg/kg	0.18	0.032	0.003	0.35	0.032	0.004	4.4	0.0009 J	0.002 J
Dibenz(a,h)anthracene	mg/kg	0.018	0.005	< 0.001	0.038	0.002 J	< 0.001	0.28	< 0.002	< 0.001
Dibenzofuran	mg/kg	< 0.016	< 0.0073	< 0.0074	< 0.011	< 0.0080	< 0.0077	< 0.013	< 0.0083	< 0.0078
Diethyl phthalate	mg/kg	< 0.014	< 0.0063	0.018 J	< 0.0094	< 0.0070	< 0.0067	< 0.011	< 0.0073	< 0.0068
Dimethyl phthalate	mg/kg	< 0.011	< 0.0050	< 0.0051	< 0.0074	< 0.0055	< 0.0053	< 0.0089	< 0.0057	< 0.0054
Di-n-butylphthalate	mg/kg	< 0.019	< 0.0086	< 0.0088	0.023 J	< 0.0095	< 0.0091	< 0.015	< 0.0099	< 0.0093
Di-n-octyl phthalate	mg/kg	< 0.014	< 0.0063	< 0.0065	< 0.0094	< 0.0070	< 0.0067	< 0.011	< 0.0073	< 0.0068
Fluoranthene	mg/kg	0.45	0.12	0.004	0.58	0.13	0.043	9.6	0.001 J	0.002
Fluorene	mg/kg	0.12	0.019	< 0.0009	0.22	0.51	0.32	2.9	0.001 J	0.002 J
Hexachlorobenzene	mg/kg	< 0.022	< 0.010	< 0.010	< 0.015	< 0.011	< 0.011	< 0.018	< 0.011	< 0.011
Hexachlorobutadiene	mg/kg	< 0.072	< 0.032	< 0.033	< 0.048	< 0.035	< 0.034	< 0.058	< 0.037	< 0.035
Hexachlorocyclopentadiene	mg/kg	< 0.32 UJ	< 0.15	< 0.15	< 0.22	< 0.16 UJ	< 0.15 UJ	< 0.26 UJ	< 0.17 UJ	< 0.16 UJ
Hexachloroethane	mg/kg	< 0.051	< 0.023	< 0.024	< 0.034	< 0.025	< 0.025	< 0.041	< 0.026	< 0.025
Indeno(1,2,3-cd)pyrene	mg/kg	0.040	0.017	0.002 J	0.12 J	0.005	< 0.001	0.76	< 0.002	< 0.001
Isophorone	mg/kg	< 0.033	< 0.015	< 0.015	< 0.022	< 0.016	< 0.016	< 0.027	< 0.017	< 0.016
Naphthalene	mg/kg	< 0.003	0.003 J	< 0.001	0.020	0.082	0.47	0.32	< 0.002	< 0.001
Nitrobenzene	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-3*	*JC-1*	*JC-1*	*JC-1*	*JC-2*	*JC-2*	*JC-2*	*JC-3*	*JC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-3(Surface)*	*T1-18/10/06-SE-JC-1(Mid)*	*T1-18/10/06-SE-JC-1(Refusal)*	*T1-18/10/06-SE-JC-1(Surface)*	*T1-19/10/06-SE-JC-2(Mid)*	*T1-19/10/06-SE-JC-2(Refusal)*	*T1-19/10/06-SE-JC-2(Surface)*	*T1-19/10/06-SE-JC-3(Mid)*	*T1-19/10/06-SE-JC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039
N-Nitrosodiphenylamine	mg/kg	0.13 J	< 0.012	< 0.012	0.039 J	< 0.013	< 0.013	0.81	< 0.013	< 0.013
Pentachlorophenol	mg/kg	< 0.40	< 0.18	< 0.19	< 0.27	< 0.20	< 0.19	< 0.32	< 0.21	< 0.20
Phenanthrene	mg/kg	0.094	0.048	0.002 J	0.11 J	1.4	0.44	17	0.001 J	0.004
Phenol	mg/kg	< 0.081	< 0.036	< 0.037	< 0.054	< 0.040	< 0.038	< 0.065	< 0.042	< 0.039
Pyrene	mg/kg	0.64	0.21	0.009	1.4	0.25	0.076	19	0.001 J	0.004
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00027	< 0.00012	< 0.00012	< 0.00018	< 0.00013	< 0.00013	< 0.00022	< 0.00014	< 0.00013
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00070	< 0.00031	< 0.00032	< 0.00046	< 0.00034	< 0.00033	< 0.00056	< 0.00036	< 0.00034
1,1,2-Trichloroethane	mg/kg	< 0.00082	< 0.00037	< 0.00037	< 0.00054	< 0.00040	< 0.00039	< 0.00066	< 0.00042	< 0.00040
1,1-Dichloroethane	mg/kg	< 0.00031	< 0.00014	< 0.00014	< 0.00020	< 0.00015	< 0.00014	< 0.00024	< 0.00016	< 0.00015
1,1-Dichloroethene	mg/kg	< 0.0012	< 0.00053	< 0.00054	< 0.00079	< 0.00058	< 0.00056	< 0.00095	< 0.00061	< 0.00057
1,2,4-Trichlorobenzene	mg/kg	< 0.00055	< 0.00030	< 0.00025	< 0.0011 UJ	< 0.00027	< 0.00026	< 0.00044	< 0.00028	< 0.00026
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00061	< 0.00027	< 0.00028	< 0.00040	< 0.00030	< 0.00029	< 0.00049	< 0.00031	< 0.00029
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00040	< 0.00018	< 0.00018	< 0.00026	< 0.00019	< 0.00019	< 0.00032	< 0.00020	< 0.00019
1,2-Dichlorobenzene	mg/kg	0.0027 J	< 0.00012	< 0.00012	0.00061 J	< 0.00013	< 0.00013	< 0.00022	< 0.00014	< 0.00013
1,2-Dichloroethane	mg/kg	< 0.00046	< 0.00020	< 0.00021	< 0.00030	< 0.00022	< 0.00022	< 0.00036	< 0.00023	< 0.00022
1,2-Dichloropropane	mg/kg	< 0.00052	< 0.00023	< 0.00024	< 0.00034	< 0.00025	< 0.00025	< 0.00041	< 0.00026	< 0.00025
1,3-Dichlorobenzene	mg/kg	0.0012 J	< 0.00019	< 0.00017	0.0013 J	< 0.00018	< 0.00017	< 0.00029	< 0.00019	< 0.00018
1,4-Dichlorobenzene	mg/kg	0.00098 J	< 0.00022	< 0.00022	0.00086 J	< 0.00024	< 0.00023	< 0.00039	< 0.00025	< 0.00023
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.017	< 0.0035	< 0.0017	< 0.012	< 0.0029	< 0.0025	< 0.0052	< 0.0082	< 0.0062
2-Hexanone	mg/kg	< 0.0025	< 0.0011	< 0.0011	< 0.0017	< 0.0012	< 0.0012	< 0.0020	< 0.0013	< 0.0012
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.0012	< 0.00053	< 0.00054	< 0.00079	< 0.00058	< 0.00056	< 0.00095	< 0.00061	< 0.00057
Acetone	mg/kg	0.12 J	< 0.030 UJ	< 0.025 UJ	< 0.084 UJ	< 0.031 UJ	< 0.025 UJ	< 0.052 UJ	< 0.061 UJ	< 0.054 UJ
Benzene	mg/kg	0.00061 J	< 0.00014	< 0.00014	0.00025 J	0.0018 J	0.0018 J	0.00082 J	< 0.00016	< 0.00015
Bromodichloromethane	mg/kg	< 0.00024	< 0.00011	< 0.00011	< 0.00016	< 0.00012	< 0.00012	< 0.00019	< 0.00012	< 0.00012
Bromoform	mg/kg	< 0.00037	< 0.00016	< 0.00017	< 0.00024	< 0.00018	< 0.00017	< 0.00029	< 0.00019	< 0.00018
Bromomethane (Methyl Bromide)	mg/kg	< 0.00076	< 0.00034	< 0.00035	< 0.00050	< 0.00037	< 0.00036	< 0.00061	< 0.00039	< 0.00037
Carbon disulfide	mg/kg	0.010 J	< 0.00025	< 0.00025	0.0062 J	< 0.00007	< 0.00048	< 0.00012	< 0.00067	< 0.00059
Carbon tetrachloride	mg/kg	< 0.00043	< 0.00019	< 0.00019	< 0.00028	< 0.00021	< 0.00020	< 0.00034	< 0.00022	< 0.00020
Chlorobenzene	mg/kg	0.0059 J	< 0.00015	< 0.00015	< 0.00022	< 0.00016	< 0.00016	< 0.00027	< 0.00017	< 0.00016
Chloroethane	mg/kg	< 0.00040	< 0.00018	< 0.00018	< 0.00026	< 0.00019	< 0.00019	< 0.00032	< 0.00020	< 0.00019
Chloroform (Trichloromethane)	mg/kg	< 0.00037	< 0.00016	< 0.00017	< 0.00024	< 0.00018	< 0.00017	< 0.00029	< 0.00019	< 0.00018
Chloromethane (Methyl Chloride)	mg/kg	< 0.0010	< 0.00045	< 0.00046	< 0.00067	< 0.00049	< 0.00048	< 0.00080	< 0.00051	< 0.00048
cis-1,2-Dichloroethene	mg/kg	< 0.00058	< 0.00026	< 0.00026	< 0.00038	< 0.00028	< 0.00027	< 0.00046	< 0.00030	< 0.00028
cis-1,3-Dichloropropene	mg/kg	< 0.00049	< 0.00022	< 0.00022	< 0.00032	< 0.00024	< 0.00023	< 0.00039	< 0.00025	< 0.00023
Cyclohexane	mg/kg	< 0.00024	< 0.00011	< 0.00011	< 0.00016	< 0.00012	< 0.00012	< 0.00063	< 0.00012	< 0.00016
Dibromochloromethane	mg/kg	< 0.00015	< 0.00007	< 0.00007	< 0.00010	< 0.00007	< 0.00007	< 0.00012	< 0.00008	< 0.00007
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00037	< 0.00016	< 0.00017	< 0.00024	< 0.00018	< 0.00017	< 0.00029	< 0.00019	< 0.00018
Ethylbenzene	mg/kg	< 0.0015	< 0.00008	< 0.00008	< 0.00041	< 0.040	< 0.050	< 0.0092	< 0.00009	< 0.00009
Isopropylbenzene	mg/kg	0.024	0.00022 J	< 0.00008	0.0059 J	0.0043 J	0.0046 J	0.0053 J	< 0.00009	< 0.00009
m&p-Xylene	mg/kg	0.037	< 0.00023	< 0.00024	< 0.00037	< 0.0019	< 0.0023	< 0.0013	< 0.00026	< 0.00025
Methyl acetate	mg/kg	< 0.0018	< 0.00081	< 0.00083	< 0.0012	< 0.00090	< 0.00087	< 0.0015	< 0.00093	< 0.00088
Methyl cyclohexane	mg/kg	< 0.00034	< 0.00015	< 0.00015	0.00022 J	< 0.00016	< 0.00016	0.00041 J	< 0.00017	< 0.00016
Methyl Tert Butyl Ether	mg/kg	0.0010 J	< 0.00028	< 0.00029	< 0.00042	< 0.00031	< 0.00030	< 0.00051	< 0.00033	< 0.00031
Methylene chloride	mg/kg	< 0.0064	< 0.0023	< 0.0017	0.011	< 0.00036	< 0.00035	< 0.00058	< 0.00037	< 0.00035
o-Xylene	mg/kg	0.028	< 0.00023	< 0.00024	0.0032 J	0.0048 J	0.0050 J	0.0054 J	< 0.00026	< 0.00025
Styrene	mg/kg	< 0.00031	0.0014 J	< 0.00014	0.0021 J	< 0.00015	< 0.00014	< 0.00024	< 0.00016	< 0.00015

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*GSUC-3*	*JC-1*	*JC-1*	*JC-1*	*JC-2*	*JC-2*	*JC-2*	*JC-3*	*JC-3*
	Sample ID:	*T1-17/10/06-SE-GSUC-3(Surface)*	*T1-18/10/06-SE-JC-1(Mid)*	*T1-18/10/06-SE-JC-1(Refusal)*	*T1-18/10/06-SE-JC-1(Surface)*	*T1-19/10/06-SE-JC-2(Mid)*	*T1-19/10/06-SE-JC-2(Refusal)*	*T1-19/10/06-SE-JC-2(Surface)*	*T1-19/10/06-SE-JC-3(Mid)*	*T1-19/10/06-SE-JC-3(Refusal)*
	Sample Date:	*10/17/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00018	< 0.00008	< 0.00008	< 0.00012	< 0.00009	< 0.00009	< 0.00015	< 0.00009	< 0.00009
Toluene	mg/kg	< 0.0010	< 0.00024	< 0.00018	< 0.00060	< 0.00086	< 0.00097	< 0.0011	< 0.00036	< 0.00043
trans-1,2-Dichloroethene	mg/kg	< 0.00037	< 0.00016	< 0.00017	< 0.00024	< 0.00018	< 0.00017	< 0.00029	< 0.00019	< 0.00018
trans-1,3-Dichloropropene	mg/kg	< 0.00040	< 0.00018	< 0.00018	< 0.00026	< 0.00019	< 0.00019	< 0.00032	< 0.00020	< 0.00019
Trichloroethene	mg/kg	< 0.00046	< 0.00020	< 0.00021	< 0.00030	< 0.00022	< 0.00022	< 0.00036	< 0.00023	< 0.00022
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00088	< 0.00039	< 0.00040	< 0.00058	< 0.00043	< 0.00042	< 0.00071	< 0.00045	< 0.00042
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00034	< 0.00015	< 0.00015	< 0.00022	< 0.00016	< 0.00016	< 0.00027	< 0.00017	< 0.00016
Vinyl chloride	mg/kg	< 0.00049	< 0.00022	< 0.00022	< 0.00032	< 0.00024	< 0.00023	< 0.00039	< 0.00025	< 0.00023
General Chemistry										
Cyanide (total)	mg/kg	< 0.53	< 0.24	< 0.25	< 0.36	< 0.26	< 0.25	< 0.42	< 0.27	< 0.25
Moisture	%	66.9	26.5	28.2	50.4	33.0	30.7	58.9	35.8	31.7
Sulfide (Acid Volatile)	umol/g	116	-	-	2.0 J	-	-	6.4	-	-
Total Organic Carbon (TOC)	mg/kg	37400	1930 J	< 2000	16400	2990	1190 J	14300	4650	9040

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-3*	*JC-4*	*JC-4*	*JC-4*	*JC-5*	*JC-5*	*JC-5*	*JC-6*	*JC-6*
	Sample ID:	*T1-19/10/06-SE-JC-3(Surface)*	*T1-19/10/06-SE-JC-4(Mid)*	*T1-19/10/06-SE-JC-4(Refusal)*	*T1-19/10/06-SE-JC-4(Surface)*	*T1-19/10/06-SE-JC-5(Mid)*	*T1-19/10/06-SE-JC-5(Refusal)*	*T1-19/10/06-SE-JC-5(Surface)*	*T1-19/10/06-SE-JC-6(Mid)*	*T1-19/10/06-SE-JC-6(Refusal)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	62.5	44.0	58.0	43.0	23.0	29.0	33.0	36.0	46.0
Grain Size 0.002 mm	% passed	72.0	48.0	64.0	49.0	27.0	35.0	39.0	43.0	48.5
Grain Size 0.005 mm	% passed	83.0	53.5	72.0	55.0	34.0	44.0	46.5	49.0	55.0
Grain Size 0.02 mm	% passed	92.5	64.5	80.0	70.5	49.0	59.5	61.0	68.0	73.0
Grain Size 0.05 mm	% passed	97.0	80.5	90.0	82.5	78.0	71.0	84.0	86.0	88.5
Grain Size 0.064 mm	% passed	98.0	86.0	92.5	87.0	88.0	77.5	88.0	89.0	93.5
Grain Size 0.075 mm	% passed	99.0	89.1	94.0	89.2	92.8	80.7	89.4	90.5	95.8
Grain Size 0.15 mm	% passed	99.2	90.8	94.4	92.0	94.3	88.5	92.5	93.8	98.4
Grain Size 0.3 mm	% passed	99.3	91.7	94.5	93.2	95.1	90.8	93.8	95.0	98.7
Grain Size 0.6 mm	% passed	99.4	92.5	94.7	94.5	95.8	93.2	95.0	95.9	98.9
Grain Size 1.18 mm	% passed	99.5	93.8	95.0	96.1	96.8	95.0	96.8	96.8	99.1
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	99.5	95.4	95.2	97.8	97.6	97.8	98.1	97.5	99.1
Grain Size 3.35 mm	% passed	99.8	99.7	99.7	99.7	99.5	99.7	99.6	99.7	99.5
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	99.9	99.9	99.9	99.9	99.8	99.9	99.8	99.9	99.7
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	34200	35200	35900	28500	16200	23700	26500	26400	28200
Antimony	mg/kg	< 1.38 UJ	< 1.30 UJ	< 1.29 UJ	< 1.27 UJ	< 1.32 UJ	< 1.44 UJ	< 1.49 UJ	< 1.43 UJ	< 1.25 UJ
Arsenic	mg/kg	4.34 J	8.61	4.25 J	17.2	3.78 J	4.10 J	5.63 J	3.61 J	2.25 J
Barium	mg/kg	455	499	434	518	109	194	136	196	179
Beryllium	mg/kg	2.30 J	1.84 J	1.78 J	1.91 J	0.710 J	0.937 J	1.01 J	1.05 J	1.19 J
Cadmium	mg/kg	0.404 J	0.327 J	0.434 J	0.166 J	0.354 J	0.622 J	0.325 J	0.328 J	0.186 J
Cadmium	umol/g	0.000819 J	-	-	0.000614 J	-	-	0.00248 J	-	-
Calcium	mg/kg	10500	7570	11900	8900	84700	61200	11000	26100	5240
Chromium Total	mg/kg	32.1	35.0	35.0	30.3	52.9	228	31.2	50.3	25.1
Chromium VI (Hexavalent)	mg/kg	< 6.3 UJ	< 0.58	< 0.58	< 0.59	< 0.59	< 0.65	< 0.66	0.67 J	< 0.56
Cobalt	mg/kg	7.34 J	12.6	9.39	20.1	3.80 J	7.51 J	6.36 J	4.17 J	4.73 J
Copper	mg/kg	18.7	12.2	13.8	14.0	12.5	43.8	78.5	11.4	5.47 J
Copper	umol/g	0.0507 J	-	-	0.0657 J	-	-	0.324 J	-	-
Iron	mg/kg	21900	31100	24200	44000	11400	17000	19700	19200	18100
Lead	mg/kg	20.9	20.4	18.8	28.5	188	371	22.6	63.5	15.5
Lead	umol/g	0.0354 J	-	-	0.0431 J	-	-	0.0855 J	-	-
Magnesium	mg/kg	3610	4510	4880	3300	2340	4190	2840	2280	1860
Manganese	mg/kg	376	396	343	1190	143	376	248	236	120
Mercury	mg/kg	0.0355 J	< 0.0142	< 0.0153	0.0203 J	0.124 J	0.612	0.0271 J	0.0963 J	0.0169 J
Nickel	mg/kg	15.5	21.0	19.1	20.1	11.7	19.8	11.1	9.63	8.17
Nickel	umol/g	0.0223 J	-	-	0.135 J	-	-	0.416 J	-	-
Potassium	mg/kg	1870 J	3130 J	3620 J	2130 J	1180 J	1740 J	1620 J	1270 J	1170 J
Selenium	mg/kg	< 1.49	< 1.40	< 1.40	< 1.38	< 1.44	< 1.56	< 1.61	< 1.55	< 1.36
Silver	mg/kg	< 0.259	< 0.244	0.259 J	0.507 J	0.933 J	17.9	0.357 J	0.852 J	< 0.236
Sodium	mg/kg	427	470	498	< 353	1470	1720	1330	697	471
Thallium	mg/kg	< 2.03	< 1.91	< 1.91	2.47 J	< 1.95	< 2.12	< 2.19	< 2.11	< 1.85
Vanadium	mg/kg	59.3	65.3	54.7	90.8	27.5	36.1	50.9	47.7	41.4
Zinc	mg/kg	46.4	50.7	52.7	45.9	70.9	110	139	63.9	33.9
Zinc	umol/g	0.0566	-	-	0.0718	-	-	1.24	-	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-3*	*JC-4*	*JC-4*	*JC-4*	*JC-5*	*JC-5*	*JC-5*	*JC-6*	*JC-6*
	Sample ID:	*T1-19/10/06-SE-JC-3(Surface)*	*T1-19/10/06-SE-JC-4(Mid)*	*T1-19/10/06-SE-JC-4(Refusal)*	*T1-19/10/06-SE-JC-4(Surface)*	*T1-19/10/06-SE-JC-5(Mid)*	*T1-19/10/06-SE-JC-5(Refusal)*	*T1-19/10/06-SE-JC-5(Surface)*	*T1-19/10/06-SE-JC-6(Mid)*	*T1-19/10/06-SE-JC-6(Refusal)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0052	< 0.0048	< 0.0048	< 0.024	< 1.2	< 0.27	< 0.027	< 1.3	< 0.0046
Aroclor-1221 (PCB-1221)	mg/kg	< 0.0083	< 0.0075	< 0.0076	< 0.039	< 1.9	< 0.42	< 0.043	< 2.1	< 0.0072
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0052	< 0.0048	< 0.0048	< 0.024	< 1.2	< 0.27	< 0.027	< 1.3	< 0.0046
Aroclor-1242 (PCB-1242)	mg/kg	< 0.0052	< 0.0048	< 0.0048	< 0.024	< 1.2	< 0.27	< 0.027	< 1.3	< 0.0046
Aroclor-1248 (PCB-1248)	mg/kg	< 0.0052	0.0073 J	< 0.0048	< 0.024	< 1.2	1.6	0.080 JN	< 1.3	< 0.0046
Aroclor-1254 (PCB-1254)	mg/kg	< 0.0052	< 0.0048	< 0.0048	0.047 J	< 1.2	< 0.27	< 0.027	< 1.3	< 0.0046
Aroclor-1260 (PCB-1260)	mg/kg	< 0.0052	< 0.0048	< 0.0048	< 0.024	< 1.2	< 0.27	< 0.027	< 1.3	< 0.0046
Pesticides										
4,4'-DDD	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.00049	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
4,4'-DDE	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.00049	0.17 JN	0.032 J	< 0.0027	< 0.027	< 0.00046
4,4'-DDT	mg/kg	< 0.00052 UJ	< 0.00048 UJ	< 0.00048 UJ	< 0.00049 UJ	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
Aldrin	mg/kg	< 0.00030	< 0.00028	< 0.00028	< 0.0011	0.13	0.037 J	0.0089 J	0.073 J	0.00034 J
alpha-BHC	mg/kg	< 0.00052	< 0.00048	< 0.00048	0.0022	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
alpha-Chlordane	mg/kg	< 0.00027	< 0.00025	< 0.00089	< 0.0041	< 0.013	< 0.014	0.010 J	0.10	0.00036 J
beta-BHC	mg/kg	< 0.00097	< 0.00088	< 0.00089	< 0.00090	< 0.045	< 0.050	< 0.0050	< 0.049	< 0.00085
delta-BHC	mg/kg	< 0.00027	< 0.00025	< 0.00025	0.00027 J	0.048 J	< 0.014	0.0019 J	0.034	< 0.00024
Dieldrin	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.0073	< 0.024	0.086 JN	< 0.0027	< 0.027	< 0.00046
Endosulfan I	mg/kg	< 0.00035	< 0.00032	< 0.00032	< 0.0041	0.12 JN	< 0.018	0.0056 JN	0.040 JN	0.00065 JN
Endosulfan II	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.010	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
Endosulfan sulfate	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.0021	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
Endrin	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.00049	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
Endrin aldehyde	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.0054	0.049 J	< 0.027	< 0.0027	< 0.027	< 0.00046
Endrin ketone	mg/kg	< 0.00052 UJ	< 0.00048	< 0.00048	< 0.00049	< 0.024	< 0.027	< 0.0027	< 0.027	< 0.00046
gamma-BHC (Lindane)	mg/kg	< 0.00027	< 0.00025	< 0.00025	< 0.00025	< 0.013	< 0.014	< 0.0014	< 0.014	< 0.00024
gamma-Chlordane	mg/kg	< 0.0016	< 0.0014	< 0.0015	< 0.0096	< 0.074	< 0.081	< 0.0082	< 0.081	< 0.0014
Heptachlor	mg/kg	< 0.00027	< 0.00025	< 0.00025	< 0.00025	0.042 J	< 0.014 UJ	0.0022 J	0.067 J	0.00040 J
Heptachlor epoxide	mg/kg	< 0.00027	< 0.00025	< 0.00025	< 0.0044	0.069 J	< 0.014	0.0033 JN	0.076 J	< 0.00024
Methoxychlor	mg/kg	< 0.0027 UJ	< 0.0025 UJ	< 0.0025 UJ	< 0.0025 UJ	< 0.13	< 0.14	< 0.014	< 0.14	< 0.0024
Toxaphene	mg/kg	< 0.017	< 0.016	< 0.016	< 0.016	< 0.81	< 0.89	< 0.091	< 0.89	< 0.015
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 16	37	65	< 15	48	740	< 16	73	< 14
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 16	< 14	< 15	< 15	< 15	39	< 16	< 16	< 14
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 16	< 14	< 15	< 15	< 15	55	< 16	< 16	< 14
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 16	37	65	< 15	48	830	< 16	73	< 14
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.012
2,4,5-Trichlorophenol	mg/kg	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.013
2,4,6-Trichlorophenol	mg/kg	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.012
2,4-Dichlorophenol	mg/kg	< 0.0079	< 0.0072	< 0.0073	< 0.0074	< 0.0074	< 0.0081	< 0.0082	< 0.0081	< 0.0069
2,4-Dimethylphenol	mg/kg	< 0.014	< 0.013	< 0.013	< 0.013	0.015 J	< 0.014	< 0.014	< 0.014	< 0.012
2,4-Dinitrophenol	mg/kg	< 0.42	< 0.39	< 0.39	< 0.40	< 0.40	< 0.43 UJ	< 0.44	< 0.43 UJ	< 0.37 UJ
2,4-Dinitrotoluene	mg/kg	< 0.015	0.11 J	< 0.014	< 0.014	< 0.014	< 0.016	< 0.016	< 0.016	< 0.013
2,6-Dinitrotoluene	mg/kg	< 0.016	< 0.015	< 0.015	< 0.015	< 0.015	< 0.017	< 0.017	< 0.017	< 0.014
2-Chloronaphthalene	mg/kg	< 0.0085	< 0.0077	< 0.0078	< 0.0079	< 0.0079	0.30	< 0.0088	< 0.0086	< 0.0074
2-Chlorophenol	mg/kg	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013	< 0.011

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-3*	*JC-4*	*JC-4*	*JC-4*	*JC-5*	*JC-5*	*JC-5*	*JC-6*	*JC-6*
	Sample ID:	*T1-19/10/06-SE-JC-3(Surface)*	*T1-19/10/06-SE-JC-4(Mid)*	*T1-19/10/06-SE-JC-4(Refusal)*	*T1-19/10/06-SE-JC-4(Surface)*	*T1-19/10/06-SE-JC-5(Mid)*	*T1-19/10/06-SE-JC-5(Refusal)*	*T1-19/10/06-SE-JC-5(Surface)*	*T1-19/10/06-SE-JC-6(Mid)*	*T1-19/10/06-SE-JC-6(Refusal)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	< 0.001	0.008	0.010	0.011	0.042	0.53	0.009	0.020	0.001 J
2-Methylphenol	mg/kg	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.013
2-Nitroaniline	mg/kg	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.015	< 0.015	< 0.015	< 0.013
2-Nitrophenol	mg/kg	< 0.016	< 0.015	< 0.015	< 0.015	< 0.015	< 0.017	< 0.017	< 0.017	< 0.014
3,3'-Dichlorobenzidine	mg/kg	< 0.085	< 0.077	< 0.078	< 0.079	< 0.079	< 0.087	< 0.088	< 0.086	< 0.074
3-Nitroaniline	mg/kg	< 0.063	< 0.058	< 0.058	< 0.059	< 0.059	< 0.065	< 0.066	< 0.065	< 0.056
4,6-Dinitro-2-methylphenol	mg/kg	< 0.053	< 0.048	< 0.049	< 0.049	< 0.049	< 0.054	< 0.055	< 0.054	< 0.046
4-Bromophenyl phenyl ether	mg/kg	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.016	< 0.016	< 0.016	< 0.013
4-Chloro-3-methylphenol	mg/kg	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.014	< 0.013	< 0.012
4-Chloroaniline	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	< 0.043	< 0.044	< 0.043	< 0.037
4-Chlorophenyl phenyl ether	mg/kg	< 0.0074	< 0.0068	< 0.0068	< 0.0069	< 0.0069	< 0.0076	< 0.0077	< 0.0076	< 0.0065
4-Methylphenol	mg/kg	< 0.017	< 0.015	< 0.016	< 0.016	< 0.016	< 0.017	< 0.018	< 0.017	< 0.015
4-Nitroaniline	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	< 0.043	< 0.044	< 0.043	< 0.037
4-Nitrophenol	mg/kg	< 0.21	< 0.19	< 0.19	< 0.20	< 0.20	< 0.22	< 0.22	< 0.22	< 0.19
Acenaphthene	mg/kg	0.001 J	1.3	3.4	0.52	0.77	33	0.047	0.54	0.005
Acenaphthylene	mg/kg	0.005	1.1	1.6	0.74	4.0	52	0.44	3.5	0.047
Acetophenone	mg/kg	< 0.0095	0.022 J	0.029 J	0.012 J	< 0.0089	< 0.0098	0.012 J	< 0.0097	< 0.0083
Anthracene	mg/kg	0.001 J	0.44	1.3	0.18	0.44	29	0.097	0.50	0.006
Atrazine	mg/kg	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.014	< 0.013	< 0.012
Benzaldehyde	mg/kg	< 0.020	< 0.018	< 0.018	< 0.018	0.034 J	< 0.020	0.029 J	< 0.020	< 0.017
Benzo(a)anthracene	mg/kg	< 0.001	0.51	0.71	0.24	0.12	9.0	0.19	0.14	0.001 J
Benzo(a)pyrene	mg/kg	< 0.001	0.45	0.50	0.19	0.26	6.0	0.24	0.30	0.003
Benzo(b)fluoranthene	mg/kg	< 0.002	0.44	0.47	0.21	0.34	5.8	0.53	0.30	0.003
Benzo(g,h,i)perylene	mg/kg	< 0.002	0.15	0.17	0.085	0.23	2.4	0.21	0.19	0.002 J
Benzo(k)fluoranthene	mg/kg	< 0.002	< 0.001	< 0.001	< 0.001	< 0.015	< 0.016	< 0.002	< 0.002	< 0.001
Biphenyl	mg/kg	< 0.0095	0.11 J	2.8	0.074 J	0.17 J	26	0.11 J	0.18 J	< 0.0083
bis(2-Chloroethoxy)methane	mg/kg	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013	< 0.011
bis(2-Chloroethyl)ether	mg/kg	< 0.041	< 0.038	< 0.038	< 0.039	< 0.039	< 0.042	< 0.043	< 0.042	< 0.036
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.11	< 0.097	< 0.097	0.12 J	< 0.099	< 0.11	< 0.11	< 0.11	< 0.093
Butyl benzylphthalate	mg/kg	< 0.012	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.013	< 0.012	< 0.011
Caprolactam	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	< 0.043	< 0.044	< 0.043	< 0.037
Carbazole	mg/kg	< 0.0079	< 0.0072	< 0.0073	< 0.0074	0.12 J	< 0.0081	0.18 J	< 0.0081	< 0.0069
Chrysene	mg/kg	0.001 J	0.47	0.67	0.23	0.22	8.8	0.36	0.15	0.001 J
Dibenz(a,h)anthracene	mg/kg	< 0.002	0.044	0.051	0.025	0.047	0.67	0.054	0.039	< 0.001
Dibenzofuran	mg/kg	< 0.0085	< 0.0077	< 0.0078	< 0.0079	< 0.0079	< 0.0087	0.044 J	< 0.0086	< 0.0074
Diethyl phthalate	mg/kg	< 0.0074	< 0.0068	< 0.0068	< 0.0069	< 0.0069	< 0.0076	< 0.0077	< 0.0076	< 0.0065
Dimethyl phthalate	mg/kg	< 0.0058	< 0.0053	< 0.0054	< 0.0054	< 0.0054	< 0.0060	< 0.0060	< 0.0059	< 0.0051
Di-n-butylphthalate	mg/kg	< 0.010	< 0.0092	< 0.0093	< 0.0094	< 0.0094	< 0.010	< 0.010	< 0.010	< 0.0088
Di-n-octyl phthalate	mg/kg	< 0.0074	< 0.0068	< 0.0068	< 0.0069	< 0.0069	< 0.0076	< 0.0077	< 0.0076	< 0.0065
Fluoranthene	mg/kg	0.002 J	0.81	1.5	0.37	0.24	21	0.91	0.24	0.002 J
Fluorene	mg/kg	< 0.001	0.70	3.2	0.14	0.24	4.9	0.050	0.27	0.005
Hexachlorobenzene	mg/kg	< 0.012	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012	< 0.010
Hexachlorobutadiene	mg/kg	< 0.038	< 0.034	< 0.035	< 0.035	< 0.035	0.19 J	< 0.039	< 0.038	< 0.033
Hexachlorocyclopentadiene	mg/kg	< 0.17 UJ	< 0.15	< 0.16	< 0.16	< 0.16	< 0.17 UJ	< 0.18	< 0.17 UJ	< 0.15 UJ
Hexachloroethane	mg/kg	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025	< 0.028	< 0.028	< 0.028	< 0.024
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.002	0.12	0.13	0.063	0.14	1.8	0.18	0.14	< 0.001
Isophorone	mg/kg	< 0.017	< 0.016	< 0.016	< 0.016	< 0.016	< 0.018	< 0.018	< 0.018	< 0.015
Naphthalene	mg/kg	< 0.002	0.014	0.038	0.027	0.21	0.78	0.030	0.038	< 0.001
Nitrobenzene	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	< 0.043	< 0.044	< 0.043	< 0.037

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-3*	*JC-4*	*JC-4*	*JC-4*	*JC-5*	*JC-5*	*JC-5*	*JC-6*	*JC-6*
	Sample ID:	*T1-19/10/06-SE-JC-3(Surface)*	*T1-19/10/06-SE-JC-4(Mid)*	*T1-19/10/06-SE-JC-4(Refusal)*	*T1-19/10/06-SE-JC-4(Surface)*	*T1-19/10/06-SE-JC-5(Mid)*	*T1-19/10/06-SE-JC-5(Refusal)*	*T1-19/10/06-SE-JC-5(Surface)*	*T1-19/10/06-SE-JC-6(Mid)*	*T1-19/10/06-SE-JC-6(Refusal)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	0.074 J	< 0.044	< 0.043	< 0.037
N-Nitrosodiphenylamine	mg/kg	< 0.014	0.13 J	0.13 J	0.020 J	< 0.013	1.2	< 0.014	0.041 J	< 0.012
Pentachlorophenol	mg/kg	< 0.21	< 0.19	< 0.19	< 0.20	0.21 J	0.71 J	< 0.22	0.35 J	< 0.19
Phenanthrene	mg/kg	0.003 J	1.6	7.1	0.44	0.21	130	0.47	0.093	0.003
Phenol	mg/kg	< 0.042	< 0.039	< 0.039	< 0.040	< 0.040	< 0.043	< 0.044	< 0.043	< 0.037
Pyrene	mg/kg	0.004	1.7	2.9	0.78	1.2	44	0.80	0.54	0.006
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00067	< 0.00015	< 0.00015	< 0.00015	< 0.00013
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00037	< 0.00033	< 0.00034	< 0.00034	< 0.0017	< 0.00037	< 0.00038	< 0.00037	< 0.00032
1,1,2-Trichloroethane	mg/kg	< 0.00043	< 0.00039	< 0.00039	< 0.00040	< 0.0020	< 0.00044	< 0.00044	< 0.00044	< 0.00037
1,1-Dichloroethane	mg/kg	< 0.00016	< 0.00014	< 0.00015	< 0.00015	< 0.00074	0.0030 J	< 0.00016	< 0.00016	< 0.00014
1,1-Dichloroethene	mg/kg	< 0.00062	< 0.00056	< 0.00057	< 0.00058	0.0029 J	0.0056 J	< 0.00064	< 0.00063	< 0.00054
1,2,4-Trichlorobenzene	mg/kg	< 0.00029	< 0.00026	< 0.00026	< 0.00027	< 0.0013	< 0.00029	< 0.00052	< 0.00036	< 0.00025
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00032	< 0.00029	< 0.00029	< 0.00030	< 0.0015	< 0.00033	< 0.00033	< 0.00032	< 0.00028
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00021	< 0.00019	< 0.00019	< 0.00019	< 0.00096	< 0.00021	< 0.00021	< 0.00021	< 0.00018
1,2-Dichlorobenzene	mg/kg	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00067	0.0026 J	< 0.00015	< 0.00015	< 0.00013
1,2-Dichloroethane	mg/kg	< 0.00024	< 0.00022	< 0.00022	< 0.00022	< 0.0011	< 0.00024	< 0.00025	< 0.00024	< 0.00021
1,2-Dichloropropane	mg/kg	< 0.00027	< 0.00024	< 0.00025	< 0.00025	< 0.0013	< 0.0020	< 0.0011	< 0.00028	< 0.00023
1,3-Dichlorobenzene	mg/kg	< 0.00019	< 0.00017	< 0.00018	< 0.00018	< 0.00089	0.00076 J	< 0.00020	< 0.00019	< 0.00017
1,4-Dichlorobenzene	mg/kg	< 0.00025	< 0.00023	< 0.00023	< 0.00024	< 0.0012	0.0021 J	< 0.00026	< 0.00026	< 0.00022
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0045	< 0.0034	< 0.0023	< 0.0018	< 0.011	< 0.0067	< 0.0060	< 0.0033	< 0.0017
2-Hexanone	mg/kg	< 0.0013	< 0.0012	< 0.0012	< 0.0012	< 0.0061	< 0.0013	< 0.0014	< 0.0013	< 0.0011
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.00062	< 0.00056	< 0.00057	< 0.00058	< 0.0029	< 0.00063	< 0.00064	< 0.00063	< 0.00054
Acetone	mg/kg	< 0.042 UJ	< 0.027 UJ	< 0.031 UJ	< 0.019 UJ	0.095 J	< 0.079 UJ	< 0.047 UJ	< 0.033 UJ	< 0.021 UJ
Benzene	mg/kg	< 0.00016	0.0011 J	0.0016 J	0.00028 J	0.00095 J	0.0011 J	< 0.00016	< 0.00016	< 0.00014
Bromodichloromethane	mg/kg	< 0.00013	< 0.00012	< 0.00012	< 0.00012	< 0.00059	< 0.00013	< 0.00013	< 0.00013	< 0.00011
Bromoform	mg/kg	< 0.00019	< 0.00017	< 0.00018	< 0.00018	< 0.00089	< 0.00020	< 0.00020	< 0.00019	< 0.00017
Bromomethane (Methyl Bromide)	mg/kg	< 0.00040	< 0.00036	< 0.00037	< 0.00037	< 0.0019	< 0.00041	< 0.00041	< 0.00040	< 0.00035
Carbon disulfide	mg/kg	< 0.00038	< 0.00066	< 0.00041	< 0.00025	0.0019 J	0.0020 J	< 0.00008	< 0.00075 UJ	< 0.00068
Carbon tetrachloride	mg/kg	< 0.00022	< 0.00020	< 0.00020	< 0.00021	< 0.0010	< 0.00023	< 0.00023	< 0.00023	< 0.00019
Chlorobenzene	mg/kg	< 0.00017	< 0.00016	< 0.00016	< 0.00016	0.0016 J	0.0041 J	0.00022 J	< 0.00018	< 0.00015
Chloroethane	mg/kg	< 0.00021	< 0.00019	< 0.00019	< 0.00019	< 0.00096	< 0.00021	< 0.00021	< 0.00021	< 0.00018
Chloroform (Trichloromethane)	mg/kg	< 0.00019	< 0.00017	< 0.00018	< 0.00018	< 0.00089	< 0.00059	< 0.00020	< 0.00019	< 0.00017
Chloromethane (Methyl Chloride)	mg/kg	< 0.00052	< 0.00048	< 0.00048	< 0.00049	< 0.0024	< 0.00054	< 0.00054	< 0.00053	< 0.00046
cis-1,2-Dichloroethene	mg/kg	< 0.00030	< 0.00027	< 0.00028	< 0.00028	< 0.0014	< 0.00031	< 0.00031	< 0.00031	< 0.00026
cis-1,3-Dichloropropene	mg/kg	< 0.00025	< 0.00023	< 0.00023	< 0.00024	< 0.0012	< 0.00026	< 0.00026	< 0.00026	< 0.00022
Cyclohexane	mg/kg	< 0.00028	< 0.00023	< 0.00012	< 0.00035	< 0.0038	< 0.00013	< 0.00013	< 0.00031	< 0.00011
Dibromochloromethane	mg/kg	< 0.00008	< 0.00007	< 0.00007	< 0.00007	< 0.00037	< 0.00008	< 0.00008	< 0.00008	< 0.00007
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00019	< 0.00017	< 0.00018	< 0.00018	< 0.00089	< 0.00020	< 0.00020	< 0.00019	< 0.00017
Ethylbenzene	mg/kg	< 0.0001	< 0.00016	< 0.00027	< 0.00009	0.00095 J	0.011	< 0.0001	< 0.0001	< 0.00008
Isopropylbenzene	mg/kg	< 0.0001	0.00022 J	0.00039 J	0.0001 J	0.0043 J	0.058	< 0.0001	0.00091 J	< 0.00008
m&p-Xylene	mg/kg	< 0.00027	< 0.0011	0.0015 J	< 0.00026	0.0047 J	0.079 J	< 0.00029 UJ	< 0.00075 UJ	< 0.00023
Methyl acetate	mg/kg	< 0.00095	< 0.00087	< 0.00088	< 0.00089	< 0.0044	< 0.00098	< 0.00099	< 0.00097	< 0.00083
Methyl cyclohexane	mg/kg	< 0.00017	< 0.00016	< 0.00016	< 0.00016	0.0027 J	0.015	< 0.00018	0.00020 J	< 0.00015
Methyl Tert Butyl Ether	mg/kg	< 0.00033	< 0.00030	< 0.00031	< 0.00031	< 0.0016	< 0.00034	< 0.00035	< 0.00034	< 0.00029
Methylene chloride	mg/kg	< 0.00038	< 0.00045	< 0.0034	< 0.00036	< 0.0018	< 0.00081	< 0.0034	< 0.00039	< 0.00033
o-Xylene	mg/kg	< 0.00027	0.0026 J	0.0040 J	0.0023 J	0.012 J	0.074	0.0026 J	0.0026 J	0.0021 J
Styrene	mg/kg	< 0.00016	0.0020 J	< 0.00015	< 0.00015	< 0.00074	0.010	< 0.00016	0.0016 J	< 0.00014

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-3*	*JC-4*	*JC-4*	*JC-4*	*JC-5*	*JC-5*	*JC-5*	*JC-6*	*JC-6*
	Sample ID:	*T1-19/10/06-SE-JC-3(Surface)*	*T1-19/10/06-SE-JC-4(Mid)*	*T1-19/10/06-SE-JC-4(Refusal)*	*T1-19/10/06-SE-JC-4(Surface)*	*T1-19/10/06-SE-JC-5(Mid)*	*T1-19/10/06-SE-JC-5(Refusal)*	*T1-19/10/06-SE-JC-5(Surface)*	*T1-19/10/06-SE-JC-6(Mid)*	*T1-19/10/06-SE-JC-6(Refusal)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.0001	< 0.00009	< 0.00009	< 0.00009	< 0.00044	< 0.0001	< 0.0001	< 0.0001	< 0.00008
Toluene	mg/kg	< 0.00059	< 0.00037	< 0.00027	< 0.00038	< 0.0031	< 0.0019	< 0.00028	< 0.00024	< 0.00013
trans-1,2-Dichloroethene	mg/kg	< 0.00019	< 0.00017	< 0.00018	< 0.00018	< 0.00089	< 0.00020	< 0.00020	< 0.00019	< 0.00017
trans-1,3-Dichloropropene	mg/kg	< 0.00021	< 0.00019	< 0.00019	< 0.00019	< 0.00096	< 0.00021	< 0.00021	< 0.00021	< 0.00018
Trichloroethene	mg/kg	< 0.00024	< 0.00022	< 0.00022	< 0.00022	< 0.0011	< 0.00024	< 0.00025	< 0.00024	< 0.00021
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00046	< 0.00042	< 0.00042	< 0.00043	< 0.0021	< 0.00047	< 0.00048	< 0.00047	< 0.00040
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00017	< 0.00016	< 0.00016	< 0.00016	< 0.00081	0.00030 J	0.00045 J	< 0.00018	0.00028 J
Vinyl chloride	mg/kg	< 0.00025	< 0.00023	< 0.00023	< 0.00024	< 0.0012	0.0013 J	< 0.00026	< 0.00026	< 0.00022
General Chemistry										
Cyanide (total)	mg/kg	< 0.27	< 0.26	< 0.26	< 0.27	< 0.27	< 0.29	< 0.30	< 0.28	< 0.24
Moisture	%	37.0	31.0	31.6	32.5	32.5	38.5	39.3	38.2	28.0
Sulfide (Acid Volatile)	umol/g	< 0.62	-	-	< 0.58	-	-	9.1	-	-
Total Organic Carbon (TOC)	mg/kg	2180	6820	1730 J	8870	23400	24600	24000	7800	< 2000

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-6*	*JC-7*	*JC-7*	*JC-7*	*MB-1*	*MB-1*	*MB-1*	*MB-2*	*MB-3*
	Sample ID:	*T1-19/10/06-SE-JC-6(Surface)*	*T1-19/10/06-SE-JC-7(Mid)*	*T1-19/10/06-SE-JC-7(Refusal)*	*T1-19/10/06-SE-JC-7(Surface)*	*T1-13/10/06-SE-MB-1(Mid)*	*T1-13/10/06-SE-MB-1(Refusal)*	*T1-13/10/06-SE-MB-1(Surface)*	*T1-13/10/06-SE-MB-2(Surface)*	*T1-13/10/06-SE-MB-3(Surface)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	26.0	9.0	29.0	15.0	12.5	16.5	23.5	52.0	36.0
Grain Size 0.002 mm	% passed	31.0	10.0	30.5	15.0	13.0	22.5	24.5	59.0	38.5
Grain Size 0.005 mm	% passed	39.0	11.0	33.5	17.0	17.0	30.0	28.0	68.0	44.5
Grain Size 0.02 mm	% passed	60.0	15.0	42.0	25.0	30.0	43.0	46.0	84.0	61.0
Grain Size 0.05 mm	% passed	81.0	40.5	61.0	57.0	52.0	66.0	74.0	87.0	82.0
Grain Size 0.064 mm	% passed	88.5	54.0	72.0	67.0	60.0	78.5	81.0	88.0	90.0
Grain Size 0.075 mm	% passed	92.4	62.0	77.7	74.5	63.9	85.4	84.7	88.2	93.5
Grain Size 0.15 mm	% passed	95.4	84.5	97.2	98.0	71.4	93.8	94.8	89.7	95.6
Grain Size 0.3 mm	% passed	96.8	84.7	98.6	98.6	73.4	94.9	98.2	91.3	96.1
Grain Size 0.6 mm	% passed	97.7	84.8	98.8	98.7	73.8	95.7	98.7	92.5	96.3
Grain Size 1.18 mm	% passed	98.5	85.0	98.9	98.7	74.2	96.5	99.0	93.3	96.8
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	98.7	85.2	99.0	98.8	74.5	96.8	99.1	93.5	97.0
Grain Size 3.35 mm	% passed	99.8	97.6	99.9	99.6	83.5	99.7	99.8	99.7	99.8
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	99.9	97.8	100	99.9	89.9	99.9	99.9	99.9	100
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	25300	7630	13400	11500	13900	18000	14900	29000	16000
Antimony	mg/kg	< 1.84 UJ	< 1.12 UJ	< 1.16 UJ	< 1.32 UJ	< 1.75 UJ	< 2.04 UJ	< 1.83 UJ	< 1.69 UJ	< 1.71 UJ
Arsenic	mg/kg	7.44 J	< 1.13	< 1.17	5.84 J	7.77 J	7.43 J	6.53 J	5.66 J	6.59 J
Barium	mg/kg	234	91.0	80.5	84.7	75.5	61.5	78.6	81.8	83.2
Beryllium	mg/kg	0.738 J	0.612 J	1.05 J	0.804 J	0.924 J	1.09 J	0.927 J	1.66 J	1.02 J
Cadmium	mg/kg	0.703 J	0.0993 J	0.126 J	0.314 J	< 0.126	0.156 J	< 0.132	< 0.122	< 0.123
Cadmium	umol/g	0.00476 J	-	-	0.00187 J	-	-	0.001 J	0.00116 J	0.00151 J
Calcium	mg/kg	32000	2180	3710	9440	1850	2360	1740	2820	1740
Chromium Total	mg/kg	46.5	7.19	14.6	20.4	18.9	18.5	19.1	28.7	25.3
Chromium VI (Hexavalent)	mg/kg	< 4.2	< 0.51	< 0.53	< 0.60	< 0.78	< 3.8	< 0.81	5.4 J	< 3.0
Cobalt	mg/kg	19.2	2.67 J	5.74 J	24.1	9.09 J	8.39 J	8.13 J	5.36 J	9.08 J
Copper	mg/kg	1340	7.41	14.5	43.9	14.8	8.34 J	14.3	14.4	26.9
Copper	umol/g	3.05 J	-	-	0.0406 J	-	-	0.116	0.153	0.361
Iron	mg/kg	17600	3500	7130	5860	18000	21100	18300	18000	18800
Lead	mg/kg	54.3	7.68	8.49	43.6	20.7	34.4	16.5	17.9	24.7
Lead	umol/g	0.260 J	-	-	0.481 J	-	-	0.055	0.236	0.111
Magnesium	mg/kg	3950	724	1430	1270	3550	4060	4020	6270	4360
Manganese	mg/kg	550	55.7	98.5	157	1020	313	1010	158	390
Mercury	mg/kg	0.106 J	< 0.0130	< 0.0128	0.0456 J	< 0.0689	< 0.118	< 0.0583	< 0.0412	< 0.105
Nickel	mg/kg	22.7	5.11 J	10.8	19.5	12.7	13.0	12.6	14.9	16.8
Nickel	umol/g	1.28 J	-	-	0.264 J	-	-	0.0835 J	0.308 J	0.714 J
Potassium	mg/kg	1260 J	862 J	1620 J	1130 J	2560 J	2560 J	2950 J	4480 J	3190 J
Selenium	mg/kg	< 2.00	< 1.22	< 1.26	< 1.43	< 1.90	< 2.21	< 1.98	< 1.84	< 1.86
Silver	mg/kg	1.07 J	< 0.211	< 0.218	0.341 J	0.606 J	< 0.384	0.559 J	0.354 J	0.381 J
Sodium	mg/kg	1780	< 296	403	482	2730	3370	3440	5170	4570
Thallium	mg/kg	< 2.71	< 1.65	< 1.71	< 1.94	< 2.58	< 3.00	< 3.57	< 2.49	< 2.52
Vanadium	mg/kg	40.5	10.1	20.7	16.6	31.2	36.0	35.6	53.7	36.0
Zinc	mg/kg	444	15.2	27.0	50.1	52.8 J	60.1 J	53.0 J	53.9 J	65.4 J
Zinc	umol/g	5.54	-	-	0.393	-	-	0.402 J	0.468 J	0.512 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-6*	*JC-7*	*JC-7*	*JC-7*	*MB-1*	*MB-1*	*MB-1*	*MB-2*	*MB-3*
	Sample ID:	*T1-19/10/06-SE-JC-6(Surface)*	*T1-19/10/06-SE-JC-7(Mid)*	*T1-19/10/06-SE-JC-7(Refusal)*	*T1-19/10/06-SE-JC-7(Surface)*	*T1-13/10/06-SE-MB-1(Mid)*	*T1-13/10/06-SE-MB-1(Refusal)*	*T1-13/10/06-SE-MB-1(Surface)*	*T1-13/10/06-SE-MB-2(Surface)*	*T1-13/10/06-SE-MB-3(Surface)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.069	< 0.021	< 0.022	< 2.5	< 0.0065	< 0.0077	< 0.0067	< 0.0062	< 0.0063
Aroclor-1221 (PCB-1221)	mg/kg	< 0.11	< 0.033	< 0.034	< 3.9	< 0.010	< 0.012	< 0.011	< 0.0098	< 0.0099
Aroclor-1232 (PCB-1232)	mg/kg	< 0.069	< 0.021	< 0.022	< 2.5	< 0.0065	< 0.0077	< 0.0067	< 0.0062	< 0.0063
Aroclor-1242 (PCB-1242)	mg/kg	< 0.069	< 0.021	< 0.022	< 2.5	0.033 J	< 0.0077	< 0.0067	< 0.0062	< 0.0063
Aroclor-1248 (PCB-1248)	mg/kg	0.44 JN	< 0.021	< 0.022	< 2.5	< 0.0065	< 0.0077	< 0.0067	< 0.0062	< 0.0063
Aroclor-1254 (PCB-1254)	mg/kg	< 0.069	< 0.021	< 0.022	< 2.5	< 0.0065	< 0.0077	< 0.0067	< 0.0062	< 0.0063
Aroclor-1260 (PCB-1260)	mg/kg	< 0.069	< 0.021	< 0.022	< 2.5	< 0.0065	< 0.0077	< 0.0067	< 0.0062	0.020 J
Pesticides										
4,4'-DDD	mg/kg	< 0.014	< 0.00042	< 0.00044	< 0.050	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
4,4'-DDE	mg/kg	< 0.014	0.0014 JN	0.0027 JN	0.47 JN	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
4,4'-DDT	mg/kg	< 0.014	< 0.00042	< 0.00044	< 0.050	0.00078 J	< 0.00077 UJ	< 0.00067 UJ	< 0.00062 UJ	< 0.00063 UJ
Aldrin	mg/kg	0.042 J	0.00075	0.0011	0.16	< 0.00037	< 0.00045	< 0.00038	< 0.00036	< 0.00036
alpha-BHC	mg/kg	< 0.014	< 0.00042	< 0.00044	< 0.050	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
alpha-Chlordane	mg/kg	0.026 JN	< 0.00022	< 0.00022	< 0.026	< 0.00033	< 0.00040	< 0.00034	< 0.00032	< 0.00032
beta-BHC	mg/kg	< 0.025	< 0.00078	< 0.00081	< 0.092	< 0.0012	< 0.0014	< 0.0012	< 0.0012	< 0.0012
delta-BHC	mg/kg	0.015 J	< 0.00022	0.00027 J	0.075 J	< 0.0039	< 0.00040	0.00047 J	< 0.00032	0.00033 J
Dieldrin	mg/kg	< 0.014	< 0.00042	< 0.00044	0.37 JN	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.0025
Endosulfan I	mg/kg	0.027 JN	0.0010 J	0.0019 JN	0.36 JN	< 0.00043	< 0.00052	< 0.00045	< 0.00042	< 0.00042
Endosulfan II	mg/kg	< 0.014	< 0.00042	< 0.00044	< 0.050	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
Endosulfan sulfate	mg/kg	< 0.014	< 0.00042	< 0.00044	< 0.050	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
Endrin	mg/kg	< 0.014	0.00070 J	0.0013 JN	0.25 JN	< 0.00065	< 0.00077	< 0.00067	< 0.00062	< 0.00063
Endrin aldehyde	mg/kg	0.020 J	< 0.00042	0.00097 JN	0.20 JN	0.00090 J	< 0.00077	< 0.00067	< 0.00062	< 0.0010
Endrin ketone	mg/kg	< 0.014	< 0.00042	< 0.00044	0.060 J	0.0018	< 0.00077	< 0.00067	< 0.00062	< 0.0052
gamma-BHC (Lindane)	mg/kg	0.013 J	< 0.00022	< 0.00022	< 0.026	< 0.00033	< 0.00040	< 0.00034	< 0.00032	< 0.00032
gamma-Chlordane	mg/kg	< 0.042	< 0.0013	< 0.0013	< 0.15	< 0.0020	< 0.0069	< 0.0020	< 0.0026	< 0.0019
Heptachlor	mg/kg	< 0.0071 UJ	0.00024 J	0.00027 J	0.056 J	< 0.00033	< 0.00040	< 0.00034	< 0.00032	< 0.00032
Heptachlor epoxide	mg/kg	0.039 J	0.00055 JN	0.00079 JN	0.097 JN	< 0.00033	< 0.00040	< 0.00034	< 0.00032	< 0.00032
Methoxychlor	mg/kg	< 0.071	< 0.0022	< 0.0022	< 0.26	< 0.0033	< 0.0040	< 0.0034	< 0.0032	< 0.0032
Toxaphene	mg/kg	< 0.46	< 0.014	< 0.015	< 1.7	< 0.022	< 0.026	< 0.022	< 0.021	< 0.021
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	420 J	< 13	< 13	1400	< 20	390	< 20	< 19	< 19 UJ
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	22 J	< 13	< 13	250	< 20	130	< 20	< 19	< 19 UJ
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	23 J	< 13	< 13	54	< 20	< 23	< 20	< 19	< 19 UJ
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	460 J	< 13	< 13	1700	< 20	520	< 20	< 19	< 19 UJ
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.018	< 0.011	< 0.011	< 0.013	< 0.017	< 0.020	< 0.018	< 0.016	< 0.016
2,4,5-Trichlorophenol	mg/kg	< 0.019	< 0.012	< 0.012	0.086 J	< 0.018	< 0.022	< 0.019	< 0.018	< 0.018
2,4,6-Trichlorophenol	mg/kg	< 0.018	0.035 J	0.027 J	0.91	< 0.017	< 0.020	< 0.018	< 0.016	< 0.016
2,4-Dichlorophenol	mg/kg	< 0.010	0.15 J	0.13 J	4.7	< 0.0098	< 0.012	< 0.010	< 0.0095	< 0.0095
2,4-Dimethylphenol	mg/kg	< 0.018	< 0.011	< 0.011	< 0.013	< 0.017	< 0.020	< 0.018	< 0.016	< 0.016
2,4-Dinitrophenol	mg/kg	< 0.55 UJ	< 0.34 UJ	< 0.35 UJ	< 0.40 UJ	< 0.52	< 0.63	< 0.54	< 0.51	< 0.51 UJ
2,4-Dinitrotoluene	mg/kg	< 0.020	< 0.012	< 0.013	< 0.015	< 0.019	< 0.023	< 0.020	< 0.018	< 0.018
2,6-Dinitrotoluene	mg/kg	< 0.021	< 0.013	< 0.014	< 0.016	< 0.020	< 0.024	< 0.021	< 0.020	< 0.020
2-Chloronaphthalene	mg/kg	< 0.011	< 0.0068	< 0.0071	0.012 J	< 0.010	< 0.013	< 0.011	< 0.010	< 0.010
2-Chlorophenol	mg/kg	< 0.017	0.032 J	0.036 J	0.49	< 0.016	< 0.019	< 0.016	< 0.015	< 0.015

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*JC-6*	*JC-7*	*JC-7*	*JC-7*	*MB-1*	*MB-1*	*MB-1*	*MB-2*	*MB-3*
Sample ID:		*T1-19/10/06-SE-JC-6(Surface)*	*T1-19/10/06-SE-JC-7(Mid)*	*T1-19/10/06-SE-JC-7(Refusal)*	*T1-19/10/06-SE-JC-7(Surface)*	*T1-13/10/06-SE-MB-1(Mid)*	*T1-13/10/06-SE-MB-1(Refusal)*	*T1-13/10/06-SE-MB-1(Surface)*	*T1-13/10/06-SE-MB-2(Surface)*	*T1-13/10/06-SE-MB-3(Surface)*
Sample Date:		*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	0.020	0.013	0.005	1.9	< 0.001	< 0.002	< 0.004	< 0.001	0.009
2-Methylphenol	mg/kg	< 0.019	< 0.012	< 0.012	< 0.014	< 0.018	< 0.022	< 0.019	< 0.018	< 0.018
2-Nitroaniline	mg/kg	< 0.019	< 0.012	< 0.012	< 0.014	< 0.018	< 0.021	< 0.018	< 0.017	< 0.017
2-Nitrophenol	mg/kg	< 0.021	< 0.013	< 0.014	< 0.016	< 0.020	< 0.024	< 0.021	< 0.020	< 0.020
3,3'-Dichlorobenzidine	mg/kg	< 0.11	< 0.068	< 0.071	< 0.080	< 0.10	< 0.13	< 0.11	< 0.10	< 0.10
3-Nitroaniline	mg/kg	< 0.083	< 0.051	< 0.053	< 0.060	< 0.078	< 0.094	< 0.081	< 0.076	< 0.076
4,6-Dinitro-2-methylphenol	mg/kg	< 0.069	< 0.043	< 0.044	< 0.050	< 0.065	< 0.078	< 0.067	< 0.063	< 0.063
4-Bromophenyl phenyl ether	mg/kg	< 0.020	< 0.012	< 0.013	< 0.015	< 0.019	< 0.023	< 0.020	< 0.018	< 0.018
4-Chloro-3-methylphenol	mg/kg	< 0.017	< 0.011	< 0.011	< 0.013	< 0.016	< 0.020	< 0.017	< 0.016	< 0.016
4-Chloroaniline	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051
4-Chlorophenyl phenyl ether	mg/kg	< 0.0097	< 0.0060	< 0.0062	< 0.0070	< 0.0091	< 0.011	< 0.0094	< 0.0088	< 0.0089
4-Methylphenol	mg/kg	< 0.022	< 0.014	< 0.014	0.024 J	< 0.021	< 0.025	< 0.022	< 0.020	< 0.020
4-Nitroaniline	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051
4-Nitrophenol	mg/kg	< 0.28	< 0.17	< 0.18	< 0.20	< 0.26	< 0.31	< 0.27	< 0.25	< 0.25
Acenaphthene	mg/kg	0.18	0.007	0.004	0.86	0.031	0.002 J	0.009 J	< 0.001	0.012
Acenaphthylene	mg/kg	2.6	0.047	0.037	5.3	0.41	0.006	0.37	< 0.0006	0.29
Acetophenone	mg/kg	< 0.012	< 0.0077	< 0.0079	< 0.0090	< 0.012	< 0.014	< 0.012	< 0.011	0.021 J
Anthracene	mg/kg	0.57	0.006	0.005	0.52	0.086	0.020	0.060	< 0.0006	0.076
Atrazine	mg/kg	< 0.017	< 0.011	< 0.011	< 0.013	< 0.016	< 0.020	< 0.017	< 0.016	< 0.016
Benzaldehyde	mg/kg	0.048 J	< 0.016	< 0.016	0.034 J	R	R	R	R	R
Benzo(a)anthracene	mg/kg	0.50	0.006	0.005	0.64	0.14	0.036 J	0.12	< 0.001	0.11
Benzo(a)pyrene	mg/kg	0.72	0.002	0.002 J	0.17	0.14 J	0.044 J	0.14	R	0.12
Benzo(b)fluoranthene	mg/kg	1.5	0.005	0.004	0.54	0.16 J	0.059 J	0.14	R	0.13
Benzo(g,h,i)perylene	mg/kg	0.52	0.002 J	< 0.001	0.12	0.035 J	0.013 J	0.054	R	0.060
Benzo(k)fluoranthene	mg/kg	< 0.002	< 0.001	< 0.001	< 0.002	0.046 J	0.019 J	0.038	R	0.029
Biphenyl	mg/kg	< 0.012	0.14 J	< 0.0079	1.7	< 0.012	< 0.014	< 0.012	< 0.011	0.20 J
bis(2-Chloroethoxy)methane	mg/kg	< 0.017	< 0.010	< 0.011	< 0.012	< 0.016	< 0.019	< 0.016	< 0.015	< 0.015
bis(2-Chloroethyl)ether	mg/kg	< 0.054	< 0.033	< 0.034	< 0.039	< 0.051	< 0.061	< 0.053	< 0.049	< 0.049
bis(2-Ethylhexyl)phthalate	mg/kg	0.57	< 0.085	< 0.088	0.33	< 0.13	< 0.16	< 0.13	< 0.13	< 0.13
Butyl benzylphthalate	mg/kg	< 0.016	< 0.0098	< 0.010	< 0.012	< 0.015	< 0.018	< 0.016	< 0.015	< 0.015
Caprolactam	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051
Carbazole	mg/kg	< 0.010	< 0.0064	< 0.0066	< 0.0075	< 0.0098	< 0.012	< 0.010	< 0.0095	< 0.0095
Chrysene	mg/kg	0.71	0.008	0.007	1.0	0.17	0.11 J	0.14	< 0.0006	0.12
Dibenz(a,h)anthracene	mg/kg	0.12	< 0.001	< 0.001	0.038	0.014 J	0.007 J	0.017	R	0.024
Dibenzofuran	mg/kg	< 0.011	< 0.0068	< 0.0071	< 0.0080	< 0.010	< 0.013	< 0.011	< 0.010	< 0.010
Diethyl phthalate	mg/kg	< 0.0097	< 0.0060	< 0.0062	< 0.0070	< 0.0091	< 0.011	< 0.0094	< 0.0088	< 0.0089
Dimethyl phthalate	mg/kg	< 0.0076	< 0.0047	< 0.0049	< 0.0055	< 0.0072	< 0.0086	< 0.0074	< 0.0069	< 0.0070
Di-n-butylphthalate	mg/kg	< 0.013	< 0.0081	< 0.0084	< 0.0095	0.20 J	0.24 J	0.20 J	0.19 J	< 0.012
Di-n-octyl phthalate	mg/kg	< 0.0097	< 0.0060	< 0.0062	< 0.0070	< 0.0091	< 0.011	< 0.0094	< 0.0088	< 0.0089
Fluoranthene	mg/kg	1.1	0.017	0.015	1.9	0.16	0.048	0.12	0.002 J	0.14
Fluorene	mg/kg	0.17	0.024	0.015	2.7	0.050	0.004 J	0.035	< 0.001	0.035
Hexachlorobenzene	mg/kg	< 0.015	< 0.0094	< 0.0097	< 0.011	< 0.014	< 0.017	< 0.015	< 0.014	< 0.014
Hexachlorobutadiene	mg/kg	< 0.049	< 0.030	< 0.031	0.078 J	< 0.046	< 0.056	< 0.048	< 0.045	< 0.045
Hexachlorocyclopentadiene	mg/kg	< 0.22 UJ	< 0.14 UJ	< 0.14 UJ	< 0.16 UJ	< 0.21	< 0.25	< 0.22	< 0.20	< 0.20
Hexachloroethane	mg/kg	< 0.035	< 0.022	< 0.022	< 0.026	< 0.033	< 0.040	< 0.034	< 0.032	< 0.032
Indeno(1,2,3-cd)pyrene	mg/kg	0.45	< 0.001	< 0.001	0.097	0.039	0.012 J	0.057	< 0.002	0.074
Isophorone	mg/kg	< 0.023	< 0.014	< 0.015	0.075 J	< 0.022	< 0.026	< 0.022	< 0.021	< 0.021
Naphthalene	mg/kg	0.031	0.007	< 0.001	0.72	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002
Nitrobenzene	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-6*	*JC-7*	*JC-7*	*JC-7*	*MB-1*	*MB-1*	*MB-1*	*MB-2*	*MB-3*
	Sample ID:	*T1-19/10/06-SE-JC-6(Surface)*	*T1-19/10/06-SE-JC-7(Mid)*	*T1-19/10/06-SE-JC-7(Refusal)*	*T1-19/10/06-SE-JC-7(Surface)*	*T1-13/10/06-SE-MB-1(Mid)*	*T1-13/10/06-SE-MB-1(Refusal)*	*T1-13/10/06-SE-MB-1(Surface)*	*T1-13/10/06-SE-MB-2(Surface)*	*T1-13/10/06-SE-MB-3(Surface)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051
N-Nitrosodiphenylamine	mg/kg	< 0.018	< 0.011	< 0.011	< 0.013	< 0.017	< 0.020	< 0.018	< 0.016	< 0.016
Pentachlorophenol	mg/kg	0.72 J	5.0	3.7	140	< 0.26	< 0.31	< 0.27	< 0.25	< 0.25
Phenanthrene	mg/kg	0.36	0.086	0.067	10	0.11	0.007	0.096	0.002 J	0.094
Phenol	mg/kg	< 0.055	< 0.034	< 0.035	< 0.040	< 0.052	< 0.063	< 0.054	< 0.051	< 0.051
Pyrene	mg/kg	1.6	0.036	0.036	4.6	0.46	0.15 J	0.27	0.002 J	0.27
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00019	< 0.00012	< 0.00012	< 0.00068	< 0.00017	< 0.00021	< 0.00018	< 0.00017 UJ	< 0.00017 UJ
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00047	< 0.00029	< 0.00030	< 0.0017	< 0.00045	< 0.00054 UJ	< 0.00047	< 0.00044 UJ	< 0.00043 UJ
1,1,2-Trichloroethane	mg/kg	< 0.00056	< 0.00034	< 0.00036	0.0063 J	< 0.00052	< 0.00063	< 0.00055	< 0.00052 UJ	< 0.00051 UJ
1,1-Dichloroethane	mg/kg	< 0.00021	< 0.00013	< 0.00013	< 0.00075	< 0.00019	< 0.00023	< 0.00020	< 0.00019 UJ	< 0.00019 UJ
1,1-Dichloroethene	mg/kg	< 0.00080	< 0.00050	< 0.00051	0.0042 J	< 0.00076	< 0.00091	< 0.00079	< 0.00074 UJ	< 0.00073 UJ
1,2,4-Trichlorobenzene	mg/kg	< 0.00037	< 0.00023	< 0.00024	< 0.0014	< 0.00035	< 0.00042 UJ	< 0.00036	< 0.00034 UJ	< 0.00034 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00041	< 0.00025	< 0.00026	< 0.0015	< 0.00039	< 0.00046 UJ	< 0.00040	< 0.00038 UJ	< 0.00038 UJ
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00027	< 0.00016	< 0.00017	< 0.00098	< 0.00025	< 0.00030	< 0.00026	< 0.00025 UJ	< 0.00024 UJ
1,2-Dichlorobenzene	mg/kg	< 0.00034	< 0.00012	< 0.00012	0.012 J	< 0.00017	< 0.00021 UJ	< 0.00018	< 0.00017 UJ	< 0.00017 UJ
1,2-Dichloroethane	mg/kg	< 0.00031	< 0.00020	< 0.00020	0.0035 J	< 0.00029	< 0.00035	< 0.00030	< 0.00029 UJ	< 0.00028 UJ
1,2-Dichloropropane	mg/kg	0.0042 J	< 0.00022	< 0.00022	0.060	< 0.00033	< 0.00039	< 0.00034	< 0.00032 UJ	< 0.00032 UJ
1,3-Dichlorobenzene	mg/kg	0.00090 J	< 0.00015	< 0.00016	0.0014 J	< 0.00023	< 0.00028 UJ	< 0.00024	< 0.00023 UJ	< 0.00023 UJ
1,4-Dichlorobenzene	mg/kg	0.00073 J	< 0.00020	< 0.00021	0.018 J	< 0.00031	< 0.00037 UJ	< 0.00032	< 0.00030 UJ	< 0.00030 UJ
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0068	< 0.0033	< 0.0026	< 0.021	0.012 J	0.0099 J	0.0080 J	0.011 J	0.0086 J
2-Hexanone	mg/kg	< 0.0017	< 0.0010	< 0.0011	< 0.0062	< 0.0016 UJ	< 0.0019 UJ	< 0.0017 UJ	< 0.0016 UJ	< 0.0015 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/kg	< 0.00080	< 0.00050	< 0.00051	< 0.0029	< 0.00076	< 0.00091	< 0.00079	< 0.00074 UJ	< 0.00073 UJ
Acetone	mg/kg	< 0.033 UJ	0.090 J	0.12 J	0.30 J	< 0.096 UJ	< 0.065 UJ	< 0.053 UJ	0.27 J	< 0.073 UJ
Benzene	mg/kg	0.00024 J	0.00025 J	0.00028 J	0.0071 J	< 0.00019	< 0.00023	< 0.00020	< 0.00019 UJ	< 0.00019 UJ
Bromodichloromethane	mg/kg	< 0.00016	< 0.00010	< 0.00011	< 0.00060	< 0.00016	< 0.00019	< 0.00016	< 0.00015 UJ	< 0.00015 UJ
Bromoform	mg/kg	< 0.00025	< 0.00015	< 0.00016	< 0.00090	< 0.00023	< 0.00028	< 0.00024	< 0.00023 UJ	< 0.00023 UJ
Bromomethane (Methyl Bromide)	mg/kg	< 0.00052	< 0.00032	< 0.00033	< 0.0019	< 0.00049	< 0.00058	< 0.00051	< 0.00048 UJ	< 0.00047 UJ
Carbon disulfide	mg/kg	0.0021 J	< 0.00067	0.0021 J	0.062	< 0.00084	< 0.0026	< 0.00084	0.0028 J	< 0.00059
Carbon tetrachloride	mg/kg	< 0.00029	0.035	0.0017 J	1.8	< 0.00027	< 0.00033	< 0.00028	< 0.00027 UJ	< 0.00026 UJ
Chlorobenzene	mg/kg	0.00050 J	< 0.00014	< 0.00015	0.018 J	< 0.00021	< 0.00026	< 0.00022	< 0.00021 UJ	< 0.00021 UJ
Chloroethane	mg/kg	< 0.00027	< 0.00016	< 0.00017	< 0.00098	< 0.00025	< 0.00030	< 0.00026	< 0.00025 UJ	< 0.00024 UJ
Chloroform (Trichloromethane)	mg/kg	< 0.00025	0.19	0.059	4.2	< 0.00023	< 0.00028	< 0.00024	< 0.00023 UJ	< 0.00023 UJ
Chloromethane (Methyl Chloride)	mg/kg	< 0.00068	< 0.00042	< 0.00044	< 0.0025	< 0.00064	< 0.00077	< 0.00067	< 0.00063 UJ	< 0.00062 UJ
cis-1,2-Dichloroethene	mg/kg	< 0.00039	< 0.00024	< 0.00025	< 0.0014	< 0.00037	< 0.00044	< 0.00038	< 0.00036 UJ	< 0.00036 UJ
cis-1,3-Dichloropropene	mg/kg	< 0.00033	< 0.00020	< 0.00021	< 0.0012	< 0.00031	< 0.00037	< 0.00032	< 0.00030 UJ	< 0.00030 UJ
Cyclohexane	mg/kg	< 0.00057	< 0.00014	< 0.00011	< 0.00060	0.00020 J	< 0.00019	0.00039 J	0.00016 J	< 0.00015 UJ
Dibromochloromethane	mg/kg	< 0.00010	< 0.00006	< 0.00007	< 0.00038	< 0.0001	< 0.00012	< 0.00010	< 0.00009 UJ	< 0.00009 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00025	< 0.00015	< 0.00016	< 0.00090	< 0.00023	< 0.00028	< 0.00024	< 0.00023 UJ	< 0.00023 UJ
Ethylbenzene	mg/kg	< 0.00026	0.0010 J	< 0.00030	1.2	< 0.00015	< 0.00014	< 0.00014	< 0.00011 UJ	< 0.00011 UJ
Isopropylbenzene	mg/kg	0.0069 J	< 0.00008	< 0.00008	0.015 J	< 0.00012	< 0.00014	< 0.00012	< 0.00011 UJ	< 0.00011 UJ
m&p-Xylene	mg/kg	0.0013 J	0.0036 J	< 0.00083 UJ	5.2	< 0.00033	< 0.00039	< 0.00034	< 0.00032 UJ	< 0.00032 UJ
Methyl acetate	mg/kg	< 0.0012	< 0.00076	< 0.00079	< 0.0045	< 0.0012	< 0.0014	< 0.0012	< 0.0011 UJ	< 0.0011 UJ
Methyl cyclohexane	mg/kg	0.00079 J	< 0.00014	< 0.00015	0.0044 J	< 0.00021	< 0.00026	< 0.00022	< 0.00021 UJ	< 0.00021 UJ
Methyl Tert Butyl Ether	mg/kg	< 0.00043	< 0.00027	< 0.00028	< 0.0016	< 0.00041	< 0.00049	< 0.00043	< 0.00040 UJ	< 0.00039 UJ
Methylene chloride	mg/kg	< 0.0010	0.0082	< 0.0022	0.099	< 0.0019	< 0.00056	< 0.00049	< 0.00046 UJ	< 0.00045 UJ
o-Xylene	mg/kg	0.0033 J	0.0035 J	0.0024 J	1.7	0.0031 J	0.0036 J	< 0.00034	0.0030 J	< 0.00032 UJ
Styrene	mg/kg	0.0021 J	< 0.00013	0.0013 J	< 0.00075	0.0020 J	< 0.00023	< 0.00020	< 0.00019 UJ	< 0.00019 UJ

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-6*	*JC-7*	*JC-7*	*JC-7*	*MB-1*	*MB-1*	*MB-1*	*MB-2*	*MB-3*
	Sample ID:	*T1-19/10/06-SE-JC-6(Surface)*	*T1-19/10/06-SE-JC-7(Mid)*	*T1-19/10/06-SE-JC-7(Refusal)*	*T1-19/10/06-SE-JC-7(Surface)*	*T1-13/10/06-SE-MB-1(Mid)*	*T1-13/10/06-SE-MB-1(Refusal)*	*T1-13/10/06-SE-MB-1(Surface)*	*T1-13/10/06-SE-MB-2(Surface)*	*T1-13/10/06-SE-MB-3(Surface)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00012	0.00027 J	< 0.00008	0.087	< 0.00012	< 0.00014	< 0.00012	< 0.00011 UJ	< 0.00011 UJ
Toluene	mg/kg	< 0.00050	< 0.0016	< 0.00074	0.55	< 0.00093	< 0.00050	< 0.00098	< 0.00077 UJ	< 0.00067 UJ
trans-1,2-Dichloroethene	mg/kg	< 0.00025	< 0.00015	< 0.00016	< 0.00090	< 0.00023	< 0.00028	< 0.00024	< 0.00023 UJ	< 0.00023 UJ
trans-1,3-Dichloropropene	mg/kg	< 0.00027	< 0.00016	< 0.00017	< 0.00098	< 0.00025	< 0.00030	< 0.00026	< 0.00025 UJ	< 0.00024 UJ
Trichloroethene	mg/kg	< 0.00031	< 0.00019	< 0.00020	0.0064 J	< 0.00029	< 0.00035	< 0.00030	< 0.00029 UJ	< 0.00028 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00060	< 0.00037	< 0.00038	< 0.0022	< 0.00056	< 0.00067	< 0.00059	< 0.00055 UJ	< 0.00054 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	0.00023 J	0.00018 J	0.00019 J	0.0016 J	0.00056 J	< 0.00026	0.00060 J	< 0.00021 UJ	< 0.00021 UJ
Vinyl chloride	mg/kg	< 0.00033	< 0.00020	< 0.00021	< 0.0012	< 0.00031	< 0.00037	< 0.00032	< 0.00030 UJ	< 0.00030 UJ
General Chemistry										
Cyanide (total)	mg/kg	< 0.36	< 0.23	< 0.23	< 0.26	< 0.35	< 0.40	< 0.36	< 0.34	< 0.34
Moisture	%	51.9	21.8	24.4	33.6	48.9	57.4	50.6	47.2	47.3
Sulfide (Acid Volatile)	umol/g	19.5	-	-	7.5	-	-	11.6	< 0.74	3.5 J
Total Organic Carbon (TOC)	mg/kg	46000	< 2000	< 2000	31800	22500	52300	13800	32900	13100

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-4*	*MB-5*	*MB-6*	*MB-7*	*MB-8*	*MB-9*	*MB-10*	*MB-11*	*MB-12*
	Sample ID:	*T1-13/10/06-SE-MB-4(Surface)*	*T1-18/10/06-SE-MB-5(Surface)*	*T1-18/10/06-SE-MB-6(Surface)*	*T1-18/10/06-SE-MB-7(Surface)*	*T1-18/10/06-SE-MB-8(Surface)*	*T1-18/10/06-SE-MB-9(Surface)*	*T1-18/10/06-SE-MB-10(Surface)*	*T1-18/10/06-SE-MB-11(Surface)*	*T1-18/10/06-SE-MB-12(Surface)*
	Sample Date:	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	36.5	55.0	50.0	40.0	39.5	50.5	35.5	53.0	59.0
Grain Size 0.002 mm	% passed	43.5	62.0	56.0	47.0	43.5	55.0	41.0	59.0	67.5
Grain Size 0.005 mm	% passed	54.0	69.5	65.0	56.5	53.5	61.5	51.0	68.5	79.0
Grain Size 0.02 mm	% passed	66.0	80.0	88.0	71.0	69.0	76.0	66.0	82.0	94.0
Grain Size 0.05 mm	% passed	87.0	84.0	92.0	80.0	80.0	85.0	83.0	89.5	96.0
Grain Size 0.064 mm	% passed	89.0	86.5	92.0	80.5	84.0	88.0	89.0	92.5	93.0
Grain Size 0.075 mm	% passed	89.8	87.1	93.7	80.8	85.6	89.6	92.5	93.4	91.4
Grain Size 0.15 mm	% passed	91.1	88.6	95.0	82.9	87.5	91.5	95.7	94.3	92.0
Grain Size 0.3 mm	% passed	92.6	90.7	96.6	85.6	90.0	94.5	97.6	95.8	92.8
Grain Size 0.6 mm	% passed	94.1	92.4	97.8	88.6	92.9	97.1	99.0	97.3	94.2
Grain Size 1.18 mm	% passed	95.3	93.8	98.6	90.7	94.6	98.9	99.1	98.3	95.4
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	95.3	94.3	98.6	91.2	95.5	99.5	99.2	98.5	95.9
Grain Size 3.35 mm	% passed	99.6	99.7	99.6	99.4	99.4	99.8	99.8	99.8	99.2
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	99.9	99.9	99.7	99.8	99.9	99.8	99.9	99.8	99.4
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	23200	32700	28800	32100	38500	36300	31400	25300	36400
Antimony	mg/kg	< 2.61 UJ	< 2.13 UJ	< 3.20 UJ	< 4.24 UJ	< 3.08 UJ	< 3.20 UJ	< 3.61 UJ	< 2.66 UJ	< 2.41 UJ
Arsenic	mg/kg	3.64 J	4.36 J	5.35 J	< 4.28	6.67 J	7.24 J	9.49 J	< 2.69	12.7 J
Barium	mg/kg	61.0	97.7	67.7 J	68.7	109	121	119 J	68.6 J	146
Beryllium	mg/kg	1.50 J	1.73 J	1.56 J	1.67 J	1.99 J	1.74 J	1.65 J	1.63 J	1.94 J
Cadmium	mg/kg	< 0.188	0.165 J	0.641 J	< 0.305	< 0.221	0.506 J	0.896 J	0.307 J	0.267 J
Cadmium	umol/g	0.000436 J	0.000392 J	0.000610 J	0.000868 J	0.000907 J	0.000768 J	0.00507 J	0.000506 J	0.00200 J
Calcium	mg/kg	3070	2800 J	2920	4270 J	4260 J	3310 J	75900	3950	2880 J
Chromium Total	mg/kg	27.0	36.2	63.9	40.1	57.4	56.7	68.9	44.3	55.3
Chromium VI (Hexavalent)	mg/kg	< 4.8	< 5.9	< 5.8 UJ	< 19.0 UJ	< 5.6 UJ	< 5.8 UJ	2.0 J	< 14.7	< 4.3 UJ
Cobalt	mg/kg	3.98 J	6.29 J	8.89 J	5.65 J	9.92 J	9.90 J	12.2 J	4.04 J	11.3 J
Copper	mg/kg	21.4	20.8	87.2 J	32.1	45.8	41.7	179 J	11.8 J	38.7
Copper	umol/g	0.0945	0.0356 J	0.0403 J	0.00678 J	0.200 J	0.148 J	0.579 J	< 0.00204	0.268 J
Iron	mg/kg	14400	19800	24100	16100	27300	30400	26400	12300	36600
Lead	mg/kg	25.8	28.1	70.4 J	32.6	58.9	52.1	165 J	17.3 J	72.3
Lead	umol/g	0.0594	0.133 J	0.175 J	0.0704 J	0.255 J	0.142 J	0.236 J	0.0401 J	0.127 J
Magnesium	mg/kg	5330	7010	6690	7780	8770	8940	26000	6200	8280
Manganese	mg/kg	113	126 J	490 J	110 J	817 J	772 J	1130 J	71.1 J	591 J
Mercury	mg/kg	< 0.0631	0.0491 J	0.178 J	0.0748 J	0.110 J	0.128 J	0.709 J	0.0340 J	0.0937 J
Nickel	mg/kg	12.1 J	18.1	20.9	18.8 J	22.1	24.7	27.6	26.1	25.5
Nickel	umol/g	0.165 J	0.0749 J	0.0959 J	0.144 J	0.0538 J	0.108 J	0.813 J	0.0165 J	0.457 J
Potassium	mg/kg	3310 J	5460	4600 J	5010	6010	6040	4260 J	4010 J	5760
Selenium	mg/kg	< 2.83	< 2.31	< 3.47	< 4.59	< 3.34	< 3.46	< 3.92	< 2.89	< 2.61
Silver	mg/kg	< 0.491	< 0.402	0.620 J	< 0.798	0.661 J	0.754 J	1.89 J	< 0.501	0.547 J
Sodium	mg/kg	8020	6840	8930	14500	10300	10100	8180	8660	6820
Thallium	mg/kg	< 3.84	< 3.14	< 4.71	< 6.24	< 4.53	< 4.71	< 5.32	< 3.92	< 3.55
Vanadium	mg/kg	42.6	63.8	53.4	63.4	71.2	69.6	54.9	44.8	71.2
Zinc	mg/kg	50.0 J	62.8	125	67.8	101	103	164	40.7	117
Zinc	umol/g	0.225 J	0.166 J	0.295	0.263 J	0.436 J	0.344	1.29	0.0666	0.594 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-4*	*MB-5*	*MB-6*	*MB-7*	*MB-8*	*MB-9*	*MB-10*	*MB-11*	*MB-12*
Sample ID:		*T1-13/10/06-SE-MB-4(Surface)*	*T1-18/10/06-SE-MB-5(Surface)*	*T1-18/10/06-SE-MB-6(Surface)*	*T1-18/10/06-SE-MB-7(Surface)*	*T1-18/10/06-SE-MB-8(Surface)*	*T1-18/10/06-SE-MB-9(Surface)*	*T1-18/10/06-SE-MB-10(Surface)*	*T1-18/10/06-SE-MB-11(Surface)*	*T1-18/10/06-SE-MB-12(Surface)*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0098	< 0.0078	< 0.012	< 0.016	< 0.012	< 0.012	< 0.013	< 0.0097	< 0.0089
Aroclor-1221 (PCB-1221)	mg/kg	< 0.015	< 0.012	< 0.019	< 0.025	< 0.018	< 0.019	< 0.021	< 0.015	< 0.014
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0098	< 0.0078	< 0.012	< 0.016	< 0.012	< 0.012	< 0.013	< 0.0097	< 0.0089
Aroclor-1242 (PCB-1242)	mg/kg	< 0.0098	< 0.0078	< 0.012	< 0.016	< 0.012	< 0.012	0.78	< 0.0097	< 0.0089
Aroclor-1248 (PCB-1248)	mg/kg	< 0.0098	< 0.0078	< 0.012	< 0.016	< 0.012	< 0.012	< 0.013	< 0.0097	< 0.0089
Aroclor-1254 (PCB-1254)	mg/kg	< 0.0098	< 0.0078	< 0.012	< 0.016	< 0.012	< 0.012	< 0.013	< 0.0097	< 0.0089
Aroclor-1260 (PCB-1260)	mg/kg	< 0.0098	< 0.0078	0.018 J	< 0.016	0.058 J	0.020 J	< 0.013	< 0.0097	0.044 J
Pesticides										
4,4'-DDD	mg/kg	< 0.00098	< 0.00078	< 0.0012	< 0.0016	< 0.0012	< 0.0012	< 0.0066	< 0.00097	< 0.00089
4,4'-DDE	mg/kg	0.0025 J	< 0.00078	< 0.0012	< 0.0016	0.0013 JN	< 0.0012	0.013 JN	< 0.00097	0.0011 JN
4,4'-DDT	mg/kg	< 0.00098 UJ	< 0.00078 UJ	< 0.0012 UJ	< 0.0016 UJ	< 0.0012 UJ	< 0.0012 UJ	0.016 J	< 0.00097 UJ	< 0.00089 UJ
Aldrin	mg/kg	< 0.00057	< 0.00045	< 0.00069	< 0.00090	< 0.00067	< 0.00069	< 0.0038	< 0.00056	< 0.00051
alpha-BHC	mg/kg	< 0.00098	< 0.00078	< 0.0012	< 0.0016	< 0.0012	< 0.0012	< 0.0066	< 0.00097	< 0.00089
alpha-Chlordane	mg/kg	< 0.00051	< 0.00040	< 0.00062	< 0.00081	< 0.00060	< 0.00061	0.011 JN	< 0.00050	< 0.00046
beta-BHC	mg/kg	< 0.0018	< 0.0014	< 0.0022	< 0.0029	< 0.0021	< 0.0022	< 0.012	< 0.0018	< 0.0016
delta-BHC	mg/kg	0.00056 J	< 0.00040	< 0.00062	< 0.00081	< 0.00060	< 0.00061	< 0.0034 UJ	< 0.00050 UJ	< 0.00046
Dieldrin	mg/kg	< 0.00098	< 0.00078	< 0.0012	< 0.0016	< 0.0012	< 0.0012	< 0.0066	< 0.00097	< 0.00089
Endosulfan I	mg/kg	< 0.00065	< 0.00052	< 0.00080	< 0.0010	< 0.00077	< 0.00079	< 0.0044	< 0.00065	< 0.00059
Endosulfan II	mg/kg	< 0.00098	< 0.00078	< 0.0012	< 0.0016	< 0.0012	< 0.0012	< 0.0066	< 0.00097	< 0.00089
Endosulfan sulfate	mg/kg	< 0.00098	< 0.00078	< 0.0012 UJ	< 0.0016	< 0.0012	< 0.0012	0.0069 J	< 0.00097	< 0.00089
Endrin	mg/kg	< 0.00098	< 0.00078	< 0.0012	< 0.0016	< 0.0012	< 0.0012	< 0.0066	< 0.00097	< 0.00089
Endrin aldehyde	mg/kg	< 0.00098	< 0.00078 UJ	< 0.0012 UJ	< 0.0016 UJ	< 0.0020 UJ	< 0.0012	< 0.0066	< 0.00097	< 0.00089 UJ
Endrin ketone	mg/kg	< 0.00098	< 0.00078 UJ	< 0.0012 UJ	< 0.0016 UJ	< 0.0012 UJ	< 0.0012	< 0.0066 UJ	< 0.00097 UJ	< 0.00089 UJ
gamma-BHC (Lindane)	mg/kg	< 0.00051	< 0.00040	< 0.00062	< 0.00081	< 0.00060	< 0.00061	< 0.0034	< 0.00050	< 0.00046
gamma-Chlordane	mg/kg	< 0.0060	< 0.0024	< 0.0036	< 0.0047	< 0.0035	< 0.0036	< 0.020	< 0.0029	< 0.0027
Heptachlor	mg/kg	< 0.00051	< 0.00040 UJ	< 0.00062	0.0011 J	< 0.00060 UJ	< 0.00061	< 0.0034	< 0.00050	< 0.00046 UJ
Heptachlor epoxide	mg/kg	< 0.00051	< 0.00040	< 0.00062	< 0.00081	< 0.00060	< 0.00061	0.0082 J	< 0.00050	< 0.00046
Methoxychlor	mg/kg	< 0.0051	< 0.0040 UJ	< 0.0062 UJ	< 0.0081 UJ	< 0.0060 UJ	< 0.0061 UJ	< 0.034 UJ	< 0.0050 UJ	< 0.0046 UJ
Toxaphene	mg/kg	< 0.033	< 0.026	< 0.040	< 0.052	< 0.039	< 0.040	< 0.22	< 0.032	< 0.030
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 30	61 J	< 36	< 47	< 35	< 36	1500	< 29	< 27
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 30	< 24	< 36	< 47	< 35	< 36	150	< 29	< 27
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 30	< 24	< 36	< 47	< 35	< 36	450	< 29	< 27
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 30	61	< 36	< 47	< 35	< 36	2100	< 29	< 27
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.026	< 0.020	< 0.032	< 0.041	< 0.030	< 0.031	< 0.035	< 0.026	< 0.023
2,4,5-Trichlorophenol	mg/kg	< 0.028	< 0.022	< 0.034	< 0.044	< 0.033	< 0.034	< 0.037	< 0.028	< 0.025
2,4,6-Trichlorophenol	mg/kg	< 0.026	< 0.020	< 0.032	< 0.041	< 0.030	< 0.031	< 0.035	< 0.026	< 0.023
2,4-Dichlorophenol	mg/kg	< 0.015	< 0.012	< 0.018	< 0.024	< 0.018	< 0.018	< 0.020	< 0.015	< 0.013
2,4-Dimethylphenol	mg/kg	< 0.026	< 0.020	< 0.032	< 0.041	< 0.030	< 0.031	< 0.035	< 0.026	< 0.023
2,4-Dinitrophenol	mg/kg	< 0.79	< 0.63	< 0.97	< 1.3	< 0.94	< 0.96 UJ	< 1.1	< 0.79	< 0.72
2,4-Dinitrotoluene	mg/kg	< 0.029	< 0.023	< 0.035	< 0.046	< 0.034	< 0.035	< 0.039	< 0.029	< 0.026
2,6-Dinitrotoluene	mg/kg	< 0.031	< 0.024	< 0.038	< 0.049	< 0.036	< 0.037	< 0.041	< 0.030	< 0.028
2-Chloronaphthalene	mg/kg	< 0.016	< 0.013	< 0.019	< 0.025	< 0.019	< 0.019	< 0.021	< 0.016	< 0.014
2-Chlorophenol	mg/kg	< 0.024	< 0.019	< 0.029	< 0.038	< 0.028	< 0.029	< 0.032	< 0.024	< 0.022

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-4*	*MB-5*	*MB-6*	*MB-7*	*MB-8*	*MB-9*	*MB-10*	*MB-11*	*MB-12*
Sample ID:		*T1-13/10/06-SE-MB-4(Surface)*	*T1-18/10/06-SE-MB-5(Surface)*	*T1-18/10/06-SE-MB-6(Surface)*	*T1-18/10/06-SE-MB-7(Surface)*	*T1-18/10/06-SE-MB-8(Surface)*	*T1-18/10/06-SE-MB-9(Surface)*	*T1-18/10/06-SE-MB-10(Surface)*	*T1-18/10/06-SE-MB-11(Surface)*	*T1-18/10/06-SE-MB-12(Surface)*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	< 0.002	0.002 J	0.051	0.01	0.009	0.007	51	0.009	0.01
2-Methylphenol	mg/kg	< 0.028	< 0.022	< 0.034	< 0.044	< 0.033	< 0.034	< 0.037	< 0.028	< 0.025
2-Nitroaniline	mg/kg	< 0.027	< 0.021	< 0.033	< 0.043	< 0.032	< 0.032	< 0.036	< 0.027	< 0.024
2-Nitrophenol	mg/kg	< 0.031	< 0.024	< 0.038	< 0.049	< 0.036	< 0.037	< 0.041	< 0.030	< 0.028
3,3'-Dichlorobenzidine	mg/kg	< 0.16	< 0.13	< 0.19	< 0.25	< 0.19	< 0.19	< 0.21	< 0.16	< 0.14
3-Nitroaniline	mg/kg	< 0.12	< 0.095	< 0.15	< 0.19	< 0.14	< 0.14	< 0.16	< 0.12	< 0.11
4,6-Dinitro-2-methylphenol	mg/kg	< 0.099	< 0.079	< 0.12	< 0.16	< 0.12	< 0.12	< 0.13	< 0.098	< 0.090
4-Bromophenyl phenyl ether	mg/kg	< 0.029	< 0.023	< 0.035	< 0.046	< 0.034	< 0.035	< 0.039	< 0.029	< 0.026
4-Chloro-3-methylphenol	mg/kg	< 0.025	< 0.020	< 0.030	< 0.039	< 0.029	< 0.030	< 0.033	< 0.025	< 0.022
4-Chloroaniline	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072
4-Chlorophenyl phenyl ether	mg/kg	< 0.014	< 0.011	< 0.017	< 0.022	< 0.016	< 0.017	< 0.019	< 0.014	< 0.013
4-Methylphenol	mg/kg	< 0.032	< 0.025	< 0.039	< 0.051	< 0.037	< 0.039	< 0.043	< 0.031	< 0.029
4-Nitroaniline	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072
4-Nitrophenol	mg/kg	< 0.40	< 0.32	< 0.49	< 0.63	< 0.47	< 0.48	< 0.53	< 0.39	< 0.36
Acenaphthene	mg/kg	0.004 J	< 0.002	0.074	0.005 J	0.004 J	0.003 J	55 J	0.011	0.003 J
Acenaphthylene	mg/kg	0.019	0.006	0.16	0.016	0.29	0.13	17 J	0.008	0.17
Acetophenone	mg/kg	< 0.018	< 0.014	< 0.022	< 0.028	< 0.021	< 0.022	< 0.024	< 0.018	< 0.016
Anthracene	mg/kg	0.008	0.003 J	0.077	0.010 J	0.058 J	0.036	26	0.007	0.049 J
Atrazine	mg/kg	< 0.025	< 0.020	< 0.030	< 0.039	< 0.029	< 0.030	< 0.033	< 0.025	< 0.022
Benzaldehyde	mg/kg	R	< 0.029	0.064 J	< 0.058	< 0.043	0.048 J	R	0.042 J	< 0.033
Benzo(a)anthracene	mg/kg	0.007	0.003 J	0.056	0.009	0.038	0.031	11	0.003 J	0.035
Benzo(a)pyrene	mg/kg	0.006	0.003 J	0.064	0.011 J	0.039 J	0.040	5.7	0.002 J	0.040 J
Benzo(b)fluoranthene	mg/kg	0.011	0.007	0.070	0.021	0.063	0.089	4.5	0.005	0.073
Benzo(g,h,i)perylene	mg/kg	0.007	0.004	0.052	0.015	0.043	0.19	2.1	< 0.003	0.039
Benzo(k)fluoranthene	mg/kg	< 0.003	< 0.002	0.016	0.006 J	0.015	< 0.004	1.1	< 0.003	0.014
Biphenyl	mg/kg	< 0.018	< 0.014	< 0.022	< 0.028	< 0.021	< 0.022	51	< 0.018	< 0.016
bis(2-Chloroethoxy)methane	mg/kg	< 0.024	< 0.019	< 0.029	< 0.038	< 0.028	< 0.029	< 0.032	< 0.024	< 0.022
bis(2-Chloroethyl)ether	mg/kg	< 0.077	< 0.061	< 0.095	< 0.12	< 0.091	< 0.094	< 0.10	< 0.077	< 0.070
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.20	< 0.16	< 0.24	< 0.32	< 0.23	< 0.24	< 0.27	< 0.20	< 0.18
Butyl benzylphthalate	mg/kg	< 0.023	< 0.018	< 0.028	< 0.036	< 0.027	< 0.028	< 0.031	< 0.023	< 0.021
Caprolactam	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072
Carbazole	mg/kg	< 0.015	< 0.012	< 0.018	< 0.024	< 0.018	< 0.018	< 0.020	< 0.015	< 0.013
Chrysene	mg/kg	0.007	0.005	0.056	0.016	0.056	0.033	11	0.004 J	0.053
Dibenz(a,h)anthracene	mg/kg	< 0.003	< 0.002	0.014	0.005 J	0.013	0.012	0.81	< 0.003	0.016
Dibenzofuran	mg/kg	< 0.016	< 0.013	< 0.019	< 0.025	< 0.019	< 0.019	< 0.021	< 0.016	< 0.014
Diethyl phthalate	mg/kg	< 0.014	< 0.011	< 0.017	< 0.022	< 0.016	< 0.017	< 0.019	< 0.014	< 0.013
Dimethyl phthalate	mg/kg	< 0.011	< 0.0087	< 0.013	< 0.017	< 0.013	< 0.013	< 0.015	< 0.011	< 0.0099
Di-n-butylphthalate	mg/kg	0.30 J	< 0.015	< 0.023	< 0.030	< 0.022	< 0.023	< 0.025	< 0.019	< 0.017
Di-n-octyl phthalate	mg/kg	< 0.014	< 0.011	< 0.017	< 0.022	< 0.016	< 0.017	< 0.019	< 0.014	< 0.013
Fluoranthene	mg/kg	0.017	0.006	0.084	0.019	0.047	0.040	23	0.014	0.051
Fluorene	mg/kg	0.006	0.002 J	0.081	0.010	0.026	0.013	52 J	0.013	0.018
Hexachlorobenzene	mg/kg	< 0.022	< 0.017	< 0.027	< 0.035	< 0.026	< 0.026	< 0.029	< 0.022	< 0.020
Hexachlorobutadiene	mg/kg	< 0.070	< 0.056	< 0.086	< 0.11	< 0.083	< 0.085	< 0.095	< 0.070	< 0.064
Hexachlorocyclopentadiene	mg/kg	< 0.32	R	< 0.39	< 0.51	< 0.37	< 0.39	< 0.43	< 0.31	< 0.29
Hexachloroethane	mg/kg	< 0.051	< 0.040	< 0.062	< 0.081	< 0.060	< 0.061	< 0.068	< 0.050	< 0.046
Indeno(1,2,3-cd)pyrene	mg/kg	0.006	0.003 J	0.039	0.008	0.029	0.031	2.0	< 0.003	0.029
Isophorone	mg/kg	< 0.033	< 0.026	< 0.040	< 0.052	< 0.039	< 0.040	< 0.044	< 0.032	< 0.030
Naphthalene	mg/kg	< 0.003	0.003 J	0.053	0.006 J	0.009 J	0.007 J	68	0.014	0.008 J
Nitrobenzene	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-4*	*MB-5*	*MB-6*	*MB-7*	*MB-8*	*MB-9*	*MB-10*	*MB-11*	*MB-12*
Sample ID:		*T1-13/10/06-SE-MB-4(Surface)*	*T1-18/10/06-SE-MB-5(Surface)*	*T1-18/10/06-SE-MB-6(Surface)*	*T1-18/10/06-SE-MB-7(Surface)*	*T1-18/10/06-SE-MB-8(Surface)*	*T1-18/10/06-SE-MB-9(Surface)*	*T1-18/10/06-SE-MB-10(Surface)*	*T1-18/10/06-SE-MB-11(Surface)*	*T1-18/10/06-SE-MB-12(Surface)*
Sample Date:		*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072
N-Nitrosodiphenylamine	mg/kg	< 0.026	< 0.020	< 0.032	< 0.041	< 0.030	< 0.031	< 0.035	< 0.026	< 0.023
Pentachlorophenol	mg/kg	< 0.40	< 0.32	< 0.49	< 0.63	< 0.47	< 0.48	< 0.53	< 0.39	< 0.36
Phenanthrene	mg/kg	0.012	0.006	0.17	0.020	0.037	0.024	110	0.028	0.034
Phenol	mg/kg	< 0.079	< 0.063	< 0.097	< 0.13	< 0.094	< 0.096	< 0.11	< 0.079	< 0.072
Pyrene	mg/kg	0.021	0.008	0.16	0.024	0.080	0.070	56	0.018	0.068
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00027	< 0.00021 UJ	< 0.00032 UJ	< 0.00043 UJ	< 0.00031 UJ	< 0.00032 UJ	< 0.0018	< 0.00026 UJ	< 0.00024 UJ
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00069 UJ	< 0.00054 UJ	< 0.00083 UJ	R	< 0.00080 UJ	< 0.00082 UJ	< 0.0046	R	< 0.00062 UJ
1,1,2-Trichloroethane	mg/kg	< 0.00081	< 0.00064 UJ	< 0.00098 UJ	< 0.0013 UJ	< 0.00094 UJ	< 0.00097 UJ	< 0.0054	< 0.00079 UJ	< 0.00073 UJ
1,1-Dichloroethane	mg/kg	< 0.00030	< 0.00024 UJ	< 0.00036 UJ	< 0.00047 UJ	< 0.00035 UJ	< 0.00036 UJ	< 0.0020	< 0.00029 UJ	< 0.00027 UJ
1,1-Dichloroethene	mg/kg	< 0.0012	< 0.00092 UJ	< 0.0014 UJ	< 0.0018 UJ	< 0.0014 UJ	< 0.0014 UJ	< 0.0078	< 0.0011 UJ	< 0.0011 UJ
1,2,4-Trichlorobenzene	mg/kg	< 0.00054 UJ	< 0.00043 UJ	< 0.00065 UJ	R	R	< 0.00065 UJ	< 0.0036	R	< 0.00049 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00060 UJ	< 0.00047 UJ	< 0.00072 UJ	R	R	< 0.00071 UJ	< 0.0040	R	< 0.00054 UJ
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00039	< 0.00031 UJ	< 0.00047 UJ	< 0.00061 UJ	< 0.00045 UJ	< 0.00047 UJ	< 0.0026	< 0.00038 UJ	< 0.00035 UJ
1,2-Dichlorobenzene	mg/kg	< 0.00027 UJ	< 0.00021 UJ	< 0.00032 UJ	< 0.00086 UJ	R	< 0.00032 UJ	0.026 J	R	< 0.00024 UJ
1,2-Dichloroethane	mg/kg	< 0.00045	< 0.00035 UJ	< 0.00054 UJ	< 0.00071 UJ	< 0.00052 UJ	< 0.00054 UJ	< 0.0030	< 0.00044 UJ	< 0.00040 UJ
1,2-Dichloropropane	mg/kg	< 0.00051	< 0.00040 UJ	< 0.00062 UJ	0.0023 J	< 0.00059 UJ	< 0.00061 UJ	< 0.0034	< 0.00050 UJ	< 0.00046 UJ
1,3-Dichlorobenzene	mg/kg	< 0.00036 UJ	< 0.00028 UJ	< 0.00043 UJ	< 0.00068 UJ	R	< 0.00043 UJ	0.0060 J	R	< 0.00032 UJ
1,4-Dichlorobenzene	mg/kg	< 0.00048 UJ	< 0.00038 UJ	< 0.00058 UJ	< 0.0011 UJ	R	< 0.00057 UJ	0.0086 J	R	< 0.00043 UJ
2-Butanone (Methyl Ethyl Ketone)	mg/kg	0.0052 J	< 0.0035 UJ	< 0.0097 UJ	< 0.018 UJ	< 0.0098 UJ	< 0.0056 UJ	0.062 J	< 0.0055 UJ	< 0.0033 UJ
2-Hexanone	mg/kg	< 0.0025 UJ	< 0.0019 UJ	< 0.0030 UJ	< 0.0039 UJ	< 0.0029 UJ	< 0.0029 UJ	0.93	< 0.0024 UJ	< 0.0022 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.0012	< 0.00092 UJ	< 0.0014 UJ	< 0.0018 UJ	< 0.0014 UJ	< 0.0014 UJ	< 0.0078	< 0.0011 UJ	< 0.0011 UJ
Acetone	mg/kg	< 0.059 UJ	< 0.026 UJ	< 0.076 UJ	< 0.15 UJ	< 0.075 UJ	< 0.068 UJ	0.29 J	< 0.048 UJ	< 0.018 UJ
Benzene	mg/kg	< 0.00030	< 0.00024 UJ	< 0.00036 UJ	< 0.00047 UJ	< 0.00035 UJ	< 0.00036 UJ	0.021 J	< 0.00029 UJ	< 0.00027 UJ
Bromodichloromethane	mg/kg	< 0.00024	< 0.00019 UJ	< 0.00029 UJ	< 0.00038 UJ	< 0.00028 UJ	< 0.00029 UJ	< 0.0016	< 0.00023 UJ	< 0.00022 UJ
Bromoform	mg/kg	< 0.00036	< 0.00028 UJ	< 0.00043 UJ	< 0.00057 UJ	< 0.00042 UJ	< 0.00043 UJ	< 0.0024	< 0.00035 UJ	< 0.00032 UJ
Bromomethane (Methyl Bromide)	mg/kg	< 0.00075	< 0.00059 UJ	< 0.00091 UJ	< 0.0012 UJ	< 0.00087 UJ	< 0.00090 UJ	< 0.0050	< 0.00073 UJ	< 0.00067 UJ
Carbon disulfide	mg/kg	0.0044 J	0.0021 J	0.0041 J	0.011 J	0.0040 J	0.0028 J	0.037 J	0.013	< 0.00046 UJ
Carbon tetrachloride	mg/kg	< 0.00042	< 0.00033 UJ	< 0.00051 UJ	< 0.00066 UJ	< 0.00049 UJ	< 0.00050 UJ	< 0.0028	< 0.00041 UJ	< 0.00038 UJ
Chlorobenzene	mg/kg	< 0.00033	< 0.00026 UJ	< 0.00040 UJ	< 0.00052 UJ	< 0.00038 UJ	< 0.00039 UJ	< 0.0022	< 0.00032 UJ	< 0.00030 UJ
Chloroethane	mg/kg	< 0.00039	< 0.00031 UJ	< 0.00047 UJ	< 0.00061 UJ	< 0.00045 UJ	< 0.00047 UJ	< 0.0026	< 0.00038 UJ	< 0.00035 UJ
Chloroform (Trichloromethane)	mg/kg	< 0.00036	< 0.00028 UJ	< 0.00043 UJ	< 0.00057 UJ	< 0.00042 UJ	< 0.00043 UJ	< 0.0024	< 0.00035 UJ	< 0.00037 UJ
Chloromethane (Methyl Chloride)	mg/kg	< 0.00099	< 0.00078 UJ	< 0.0012 UJ	< 0.0016 UJ	< 0.0011 UJ	< 0.0012 UJ	< 0.0066	< 0.00096 UJ	< 0.00089 UJ
cis-1,2-Dichloroethene	mg/kg	< 0.00057	< 0.00045 UJ	< 0.00069 UJ	< 0.00090 UJ	< 0.00066 UJ	< 0.00068 UJ	< 0.0038	< 0.00055 UJ	< 0.00051 UJ
cis-1,3-Dichloropropene	mg/kg	< 0.00048	< 0.00038 UJ	< 0.00058 UJ	< 0.00075 UJ	< 0.00056 UJ	< 0.00057 UJ	< 0.0032	< 0.00047 UJ	< 0.00043 UJ
Cyclohexane	mg/kg	0.00028 J	< 0.00031 UJ	< 0.00089 UJ	< 0.0011 UJ	< 0.00028 UJ	< 0.00029 UJ	0.034 J	< 0.00061 UJ	< 0.00022 UJ
Dibromochloromethane	mg/kg	< 0.00015	< 0.00012 UJ	< 0.00018 UJ	< 0.00024 UJ	< 0.00018 UJ	< 0.00018 UJ	< 0.0010	< 0.00015 UJ	< 0.00013 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00036	< 0.00028 UJ	< 0.00043 UJ	< 0.00057 UJ	< 0.00042 UJ	< 0.00043 UJ	< 0.0024	< 0.00035 UJ	< 0.00032 UJ
Ethylbenzene	mg/kg	< 0.00018	< 0.00014 UJ	< 0.00028 UJ	< 0.00028 UJ	< 0.00021 UJ	< 0.00022 UJ	1.8	< 0.00019 UJ	< 0.00016 UJ
Isopropylbenzene	mg/kg	< 0.00018	< 0.00014 UJ	< 0.00022 UJ	< 0.00028 UJ	< 0.00021 UJ	< 0.00022 UJ	0.61	< 0.00018 UJ	< 0.00016 UJ
m&p-Xylene	mg/kg	< 0.00051	< 0.00040 UJ	< 0.00062 UJ	< 0.00080 UJ	< 0.00059 UJ	< 0.00061 UJ	1.2	< 0.00050 UJ	< 0.00046 UJ
Methyl acetate	mg/kg	< 0.0018	< 0.0014 UJ	< 0.0022 UJ	< 0.0028 UJ	< 0.0021 UJ	< 0.0021 UJ	< 0.012	< 0.0018 UJ	< 0.0016 UJ
Methyl cyclohexane	mg/kg	< 0.00033	< 0.00026 UJ	< 0.00040 UJ	< 0.00052 UJ	< 0.00038 UJ	< 0.00039 UJ	< 0.0022	< 0.00032 UJ	< 0.00030 UJ
Methyl Tert Butyl Ether	mg/kg	< 0.00063	< 0.00050 UJ	< 0.00076 UJ	< 0.00099 UJ	< 0.00073 UJ	< 0.00075 UJ	< 0.0042	< 0.00061 UJ	< 0.00057 UJ
Methylene chloride	mg/kg	< 0.00072	< 0.0015 UJ	< 0.00087 UJ	< 0.0070 UJ	< 0.0060 UJ	< 0.00086 UJ	< 0.0048	< 0.00070 UJ	< 0.00037 UJ
o-Xylene	mg/kg	0.0049 J	0.0038 J	< 0.00062 UJ	0.0075 J	< 0.00059 UJ	0.0055 J	0.82	< 0.00050 UJ	< 0.00046 UJ
Styrene	mg/kg	< 0.00030	< 0.00024 UJ	< 0.00036 UJ	< 0.00047 UJ	< 0.00035 UJ	< 0.00036 UJ	0.13	< 0.00029 UJ	< 0.00027 UJ

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-4*	*MB-5*	*MB-6*	*MB-7*	*MB-8*	*MB-9*	*MB-10*	*MB-11*	*MB-12*
	Sample ID:	*T1-13/10/06-SE-MB-4(Surface)*	*T1-18/10/06-SE-MB-5(Surface)*	*T1-18/10/06-SE-MB-6(Surface)*	*T1-18/10/06-SE-MB-7(Surface)*	*T1-18/10/06-SE-MB-8(Surface)*	*T1-18/10/06-SE-MB-9(Surface)*	*T1-18/10/06-SE-MB-10(Surface)*	*T1-18/10/06-SE-MB-11(Surface)*	*T1-18/10/06-SE-MB-12(Surface)*
	Sample Date:	*10/13/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00018	< 0.00014 UJ	< 0.00022 UJ	< 0.00028 UJ	< 0.00021 UJ	< 0.00022 UJ	< 0.0012	< 0.00018 UJ	< 0.00016 UJ
Toluene	mg/kg	< 0.0013	< 0.00040 UJ	< 0.0023 UJ	< 0.0022 UJ	< 0.00068 UJ	< 0.00049 UJ	< 0.033	< 0.0018 UJ	< 0.00064 UJ
trans-1,2-Dichloroethene	mg/kg	< 0.00036	< 0.00028 UJ	< 0.00043 UJ	< 0.00057 UJ	< 0.00042 UJ	< 0.00043 UJ	< 0.0024	< 0.00035 UJ	< 0.00032 UJ
trans-1,3-Dichloropropene	mg/kg	< 0.00039	< 0.00031 UJ	< 0.00047 UJ	< 0.00061 UJ	< 0.00045 UJ	< 0.00047 UJ	< 0.0026	< 0.00038 UJ	< 0.00035 UJ
Trichloroethene	mg/kg	< 0.00045	< 0.00035 UJ	< 0.00054 UJ	< 0.00071 UJ	< 0.00052 UJ	< 0.00054 UJ	< 0.0030	< 0.00044 UJ	< 0.00040 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00087	< 0.00069 UJ	< 0.0011 UJ	< 0.0014 UJ	< 0.0010 UJ	< 0.0010 UJ	< 0.0058	< 0.00085 UJ	< 0.00078 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00033	0.00043 J	< 0.00040 UJ	< 0.00052 UJ	0.00054 J	< 0.00039 UJ	< 0.0022	< 0.00032 UJ	< 0.00030 UJ
Vinyl chloride	mg/kg	< 0.00048	< 0.00038 UJ	< 0.00058 UJ	< 0.00075 UJ	< 0.00056 UJ	< 0.00057 UJ	< 0.0032	< 0.00047 UJ	< 0.00043 UJ
General Chemistry										
Cyanide (total)	mg/kg	< 0.53	< 0.41	< 0.64	< 0.85	< 0.61	< 0.65	< 0.72	< 0.51	< 0.45
Moisture	%	66.4	57.7	72.6	78.9	71.5	72.3	75.0	66.1	62.9
Sulfide (Acid Volatile)	umol/g	1.4 J	< 0.92	< 1.4	< 1.8	1.8 J	< 1.4	26.1	< 1.2	< 1.1
Total Organic Carbon (TOC)	mg/kg	60200	63800	76700	133000	69700	44000	54100	76100	52400

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-13*	*MB-14*	*MB-15*	*MB-16*	*MB-17*	*MB-18*	*MB-18*	*MB-18*
	Sample ID:	*T1-18/10/06-SE-MB-13(Surface)*	*T1-18/10/06-SE-MB-14(Surface)*	*T1-18/10/06-SE-MB-15(Surface)*	*T1-18/10/06-SE-MB-16(Surface)*	*T1-18/10/06-SE-MB-17(Surface)*	*T1-17/10/06-SE-MB-18(Mid)*	*T1-17/10/06-SE-MB-18(Refusal)*	*T1-17/10/06-SE-MB-18(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Geotech									
Grain Size 0.001 mm	% passed	-	16.5	38.0	-	32.0	40.0	29.0	22.0
Grain Size 0.002 mm	% passed	-	20.5	43.5	-	43.0	47.0	35.0	25.0
Grain Size 0.005 mm	% passed	-	27.0	49.0	-	56.0	54.0	45.0	31.5
Grain Size 0.02 mm	% passed	-	47.5	66.5	-	70.5	69.0	62.5	43.0
Grain Size 0.05 mm	% passed	-	59.0	74.0	-	78.5	79.5	71.0	58.0
Grain Size 0.064 mm	% passed	-	54.5	79.0	-	79.5	83.0	76.0	70.0
Grain Size 0.075 mm	% passed	-	53.5	82.2	-	80.3	84.7	78.4	74.8
Grain Size 0.15 mm	% passed	-	58.7	84.8	-	82.0	87.3	80.6	77.7
Grain Size 0.3 mm	% passed	-	67.4	87.9	-	84.4	90.1	83.1	81.3
Grain Size 0.6 mm	% passed	-	78.7	91.3	-	87.4	92.8	86.4	85.6
Grain Size 1.18 mm	% passed	-	91.4	95.8	-	92.0	94.6	91.6	91.9
Grain Size 19 mm	% passed	-	100	100	-	100	100	100	100
Grain Size 2.36 mm	% passed	-	98.1	98.7	-	97.3	95.8	94.3	99.3
Grain Size 3.35 mm	% passed	-	99.3	99.8	-	99.9	99.5	99.6	99.8
Grain Size 37.5 mm	% passed	-	100	100	-	100	100	100	100
Grain Size 4.75 mm	% passed	-	99.8	99.9	-	99.9	99.9	99.9	100
Grain Size 75 mm	% passed	-	100	100	-	100	100	100	100
Metals									
Aluminum	mg/kg	30300	34000	27700	30600	27100	42500 J	38200 J	40900 J
Antimony	mg/kg	< 4.68 UJ	< 4.26 UJ	< 5.07 UJ	< 4.05 UJ	< 3.64 UJ	< 2.86 UJ	< 3.08 UJ	< 4.32 UJ
Arsenic	mg/kg	9.06 J	11.1 J	< 5.12	6.06 J	< 3.68	10.9 J	9.89 J	9.20 J
Barium	mg/kg	89.9	121	60.6	69.4	91.7	98.1 J	88.6 J	96.0 J
Beryllium	mg/kg	1.75 J	1.71 J	1.40 J	1.80 J	2.01 J	2.27 J	1.92 J	2.02 J
Cadmium	mg/kg	0.435 J	0.679 J	< 0.365	0.336 J	< 0.262	0.376 J	0.494 J	< 0.311
Cadmium	umol/g	0.000831 J	0.00350 J	< 0.000798	0.00230 J	< 0.000575	-	-	0.00182 J
Calcium	mg/kg	3340	105000	5490	4020	7390	68300 J	43000 J	5710 J
Chromium Total	mg/kg	197	112	101	208	24.5	248	167	258
Chromium VI (Hexavalent)	mg/kg	< 20.9 UJ	< 1.9 UJ	< 23.1 UJ	< 18.1 UJ	< 16.1 UJ	1.9 J	< 1.4 UJ	< 1.9
Cobalt	mg/kg	8.36 J	9.18 J	5.06 J	7.10 J	3.32 J	12.8 J	11.6 J	10.7 J
Copper	mg/kg	92.4	176	95.4	259	9.60 J	383 J	365 J	248 J
Copper	umol/g	0.615 J	0.293 J	0.00927 J	0.136 J	< 0.00396 UJ	-	-	0.516 J
Iron	mg/kg	18700	29300	12300	21100	11000	35400 J	32500 J	28300 J
Lead	mg/kg	138	259	58.4	136	14.2 J	233	150	235
Lead	umol/g	0.452 J	0.790 J	0.0841 J	0.156 J	0.0516 J	-	-	0.825 J
Magnesium	mg/kg	7360	26300	6910	7160	7580	9460 J	11000 J	8020 J
Manganese	mg/kg	437	1110	78.1	203	100	632 J	675 J	175 J
Mercury	mg/kg	0.504 J	0.860	< 0.0572	0.557	< 0.0392	2.16	3.45	0.570
Nickel	mg/kg	24.0 J	43.4	20.4 J	24.3	14.9 J	47.1	40.2	39.7
Nickel	umol/g	0.649 J	0.577 J	0.103 J	0.361 J	0.0324 J	-	-	0.286 J
Potassium	mg/kg	4490 J	3890 J	3900 J	4510 J	3920 J	5220 J	4140 J	5710 J
Selenium	mg/kg	11.5 J	< 4.62	< 5.49	< 4.39	< 3.95	< 3.10	< 3.34	< 4.68
Silver	mg/kg	< 0.881	1.93 J	< 0.954	< 0.762	< 0.685	3.69 J	< 1.97	< 1.40
Sodium	mg/kg	14300	10300	12200	11300	11100	6010	6150	10800
Thallium	mg/kg	< 6.89	< 6.27	< 7.46	< 5.96	< 5.36	< 4.21	< 4.53	< 6.36
Vanadium	mg/kg	71.2	61.7	58.9	55.0	46.3	81.8 J	76.2 J	89.0 J
Zinc	mg/kg	128	234	105	161	36.4	383	390	296
Zinc	umol/g	0.608	1.94	0.316	1.10	0.0671 J	-	-	2.31 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-13*	*MB-14*	*MB-15*	*MB-16*	*MB-17*	*MB-18*	*MB-18*	*MB-18*
	Sample ID:	*T1-18/10/06-SE-MB-13(Surface)*	*T1-18/10/06-SE-MB-14(Surface)*	*T1-18/10/06-SE-MB-15(Surface)*	*T1-18/10/06-SE-MB-16(Surface)*	*T1-18/10/06-SE-MB-17(Surface)*	*T1-17/10/06-SE-MB-18(Mid)*	*T1-17/10/06-SE-MB-18(Refusal)*	*T1-17/10/06-SE-MB-18(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	mg/kg	< 0.017	< 0.079	< 0.019	< 0.015	< 0.013	< 0.054	< 0.058	< 0.016
Aroclor-1221 (PCB-1221)	mg/kg	< 0.027	< 0.12	< 0.030	< 0.024	< 0.021	< 0.085	< 0.091	< 0.025
Aroclor-1232 (PCB-1232)	mg/kg	< 0.017	< 0.079	< 0.019	< 0.015	< 0.013	< 0.054	< 0.058	< 0.016
Aroclor-1242 (PCB-1242)	mg/kg	< 0.017	< 0.079	< 0.019	< 0.015	< 0.013	< 0.054	< 0.058	< 0.016
Aroclor-1248 (PCB-1248)	mg/kg	< 0.017	2.0	< 0.019	< 0.015	< 0.013	0.74	< 0.058	< 0.016
Aroclor-1254 (PCB-1254)	mg/kg	< 0.017	0.52	< 0.019	< 0.015	< 0.013	0.25 J	0.19 J	< 0.016
Aroclor-1260 (PCB-1260)	mg/kg	0.021 J	0.23 J	< 0.019	< 0.015	< 0.013	< 0.054	< 0.058	< 0.016
Pesticides									
4,4'-DDD	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021	< 0.023	< 0.0016
4,4'-DDE	mg/kg	0.0034 JN	0.0098 JN	0.0038 JN	0.0057 JN	< 0.0013	< 0.021	< 0.023	< 0.0016
4,4'-DDT	mg/kg	< 0.0017 UJ	0.014 J	< 0.0019 UJ	< 0.0015 UJ	< 0.0013 UJ	R	R	R
Aldrin	mg/kg	< 0.00099	< 0.0045	< 0.0011	< 0.00086	< 0.00077	< 0.012	< 0.013	0.0011 J
alpha-BHC	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021	< 0.023	< 0.0016
alpha-Chlordane	mg/kg	< 0.00089	< 0.0040	< 0.00098	< 0.00077	< 0.00069	< 0.011	0.017 J	0.0022 J
beta-BHC	mg/kg	< 0.0032	< 0.015	< 0.0035	< 0.0028	< 0.0025	< 0.040	< 0.043	< 0.0029
delta-BHC	mg/kg	< 0.00089	< 0.0040	< 0.00098	< 0.00077	< 0.00069	< 0.011	< 0.012	< 0.00082
Dieldrin	mg/kg	< 0.0017	0.020	< 0.0019	< 0.0015	< 0.0013	0.037 J	< 0.023	< 0.0016
Endosulfan I	mg/kg	< 0.0012	< 0.0052	< 0.0013	< 0.0010	< 0.00089	< 0.014	< 0.015	< 0.0011
Endosulfan II	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021	< 0.023	< 0.0016
Endosulfan sulfate	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021	< 0.023	< 0.0016
Endrin	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021	< 0.023	< 0.0016
Endrin aldehyde	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013 UJ	< 0.021	< 0.023	0.0022 J
Endrin ketone	mg/kg	< 0.0017	< 0.0079	< 0.0019	< 0.0015	< 0.0013	< 0.021 UJ	0.024 J	0.0021 J
gamma-BHC (Lindane)	mg/kg	< 0.00089	< 0.0040	< 0.00098	< 0.00077	< 0.00069	< 0.011	< 0.012	< 0.00082
gamma-Chlordane	mg/kg	< 0.0052	< 0.024	< 0.0058	< 0.0045	< 0.0040	< 0.065	< 0.070	< 0.0048
Heptachlor	mg/kg	< 0.00089	< 0.0040	< 0.00098	< 0.00077	< 0.00069	< 0.011	< 0.012	< 0.00082
Heptachlor epoxide	mg/kg	< 0.00089	< 0.0040	< 0.00098	< 0.00077	< 0.00069	< 0.011	< 0.012	0.0024 J
Methoxychlor	mg/kg	< 0.0089 UJ	< 0.040 UJ	< 0.0098 UJ	< 0.0077 UJ	< 0.0069 UJ	< 0.11 UJ	< 0.12 UJ	< 0.0082 UJ
Toxaphene	mg/kg	< 0.058	< 0.26	< 0.064	< 0.050	< 0.044	< 0.72	< 0.77	< 0.053
Petroleum Products									
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 52	920	< 58	< 45	< 40 UJ	130 J	1800 J	< 49 UJ
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 52	120	< 58	< 45	< 40 UJ	< 33 UJ	510 J	< 49 UJ
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 52	380	< 58	< 45	< 40 UJ	< 33 UJ	780 J	< 49 UJ
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 52	1400	< 58	< 45	< 40 UJ	130 J	3100 J	< 49 UJ
Semi-Volatile Organic Compounds									
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.045	< 0.041	0.12 J	< 0.039	< 0.035	< 0.028	< 0.030	< 0.042
2,4,5-Trichlorophenol	mg/kg	< 0.049	< 0.044	< 0.054	< 0.042	< 0.038	< 0.030	< 0.033	< 0.045
2,4,6-Trichlorophenol	mg/kg	< 0.045	< 0.041	< 0.050	< 0.039	< 0.035	< 0.028	< 0.030	< 0.042
2,4-Dichlorophenol	mg/kg	< 0.026	< 0.024	< 0.029	< 0.023	< 0.020	< 0.016	< 0.018	< 0.024
2,4-Dimethylphenol	mg/kg	< 0.045	< 0.041	0.52 J	< 0.039	< 0.035	< 0.028	< 0.030	< 0.042
2,4-Dinitrophenol	mg/kg	< 1.4	< 1.3	< 1.5	< 1.2	< 1.1	< 0.87	< 0.94	< 1.3
2,4-Dinitrotoluene	mg/kg	< 0.051	< 0.046	< 0.056	< 0.044	< 0.039	< 0.031	< 0.034	< 0.047
2,6-Dinitrotoluene	mg/kg	< 0.054	< 0.049	< 0.060	< 0.047	< 0.042	< 0.034	< 0.036	< 0.050
2-Chloronaphthalene	mg/kg	< 0.028	< 0.025	< 0.031	< 0.024	< 0.022	< 0.017	< 0.019	< 0.026
2-Chlorophenol	mg/kg	< 0.042	< 0.038	< 0.046	< 0.036	< 0.032	< 0.026	< 0.028	< 0.039

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-13*	*MB-14*	*MB-15*	*MB-16*	*MB-17*	*MB-18*	*MB-18*	*MB-18*
	Sample ID:	*T1-18/10/06-SE-MB-13(Surface)*	*T1-18/10/06-SE-MB-14(Surface)*	*T1-18/10/06-SE-MB-15(Surface)*	*T1-18/10/06-SE-MB-16(Surface)*	*T1-18/10/06-SE-MB-17(Surface)*	*T1-17/10/06-SE-MB-18(Mid)*	*T1-17/10/06-SE-MB-18(Refusal)*	*T1-17/10/06-SE-MB-18(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
2-Methylnaphthalene	mg/kg	0.017	0.43	0.013	0.019	< 0.003	0.23	2.3	0.073
2-Methylphenol	mg/kg	< 0.049	< 0.044	0.12 J	< 0.042	< 0.038	< 0.030	< 0.033	< 0.045
2-Nitroaniline	mg/kg	< 0.047	< 0.043	< 0.052	< 0.041	< 0.036	< 0.029	< 0.032	< 0.043
2-Nitrophenol	mg/kg	< 0.054	< 0.049	< 0.060	< 0.047	< 0.042	< 0.034	< 0.036	< 0.050
3,3'-Dichlorobenzidine	mg/kg	< 0.28	< 0.25	< 0.31	< 0.24	< 0.22	< 0.17	< 0.19	< 0.26
3-Nitroaniline	mg/kg	< 0.21	< 0.19	< 0.23	< 0.18	< 0.16	< 0.13	< 0.14	< 0.19
4,6-Dinitro-2-methylphenol	mg/kg	< 0.17	< 0.16	< 0.19	< 0.15	< 0.13	< 0.11	< 0.12	< 0.16
4-Bromophenyl phenyl ether	mg/kg	< 0.051	< 0.046	< 0.056	< 0.044	< 0.039	< 0.031	< 0.034	< 0.047
4-Chloro-3-methylphenol	mg/kg	< 0.044	< 0.040	< 0.048	< 0.038	< 0.034	< 0.027	< 0.029	< 0.040
4-Chloroaniline	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13
4-Chlorophenyl phenyl ether	mg/kg	< 0.024	< 0.022	< 0.027	< 0.021	< 0.019	< 0.015	< 0.016	< 0.023
4-Methylphenol	mg/kg	< 0.056	0.13 J	0.53 J	< 0.048	< 0.043	< 0.035	< 0.037	< 0.052
4-Nitroaniline	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13
4-Nitrophenol	mg/kg	< 0.70	< 0.63	< 0.77	< 0.60	< 0.54	< 0.43	< 0.47	< 0.64
Acenaphthene	mg/kg	0.006 J	25	0.059	0.066	< 0.003	0.97	81	0.083
Acenaphthylene	mg/kg	0.25	31	0.10	0.38	0.006 J	20	110	5.6
Acetophenone	mg/kg	< 0.031	< 0.029	< 0.035	< 0.027	< 0.024	0.61	< 0.021	< 0.029
Anthracene	mg/kg	0.12	45	0.098	0.16	0.004 J	2.6	150	1.1
Atrazine	mg/kg	< 0.044	< 0.040	< 0.048	< 0.038	< 0.034	< 0.027	< 0.029	< 0.040
Benzaldehyde	mg/kg	< 0.065	0.20 J	< 0.071	< 0.056	< 0.050	< 0.30	< 0.043	< 0.14
Benzo(a)anthracene	mg/kg	0.088	15	0.034	0.17	< 0.003	5.2	51	0.80
Benzo(a)pyrene	mg/kg	0.10	9.0	0.026	0.18	< 0.003	7.1	37	1.1
Benzo(b)fluoranthene	mg/kg	0.21	7.4	0.035	0.38	0.006 J	8.2	32	2.2
Benzo(g,h,i)perylene	mg/kg	0.10	2.4	0.037	0.096	< 0.004	3.3 J	5.7 J	0.47 J
Benzo(k)fluoranthene	mg/kg	0.044	1.7	0.006 J	0.074	< 0.004	< 0.033	< 0.035	< 0.005
Biphenyl	mg/kg	< 0.031	7.4	< 0.035	< 0.027	< 0.024	0.55	15	< 0.029
bis(2-Chloroethoxy)methane	mg/kg	< 0.042	< 0.038	< 0.046	< 0.036	< 0.032	< 0.026	< 0.028	< 0.039
bis(2-Chloroethyl)ether	mg/kg	< 0.14	< 0.12	< 0.15	< 0.12	< 0.10	< 0.085	< 0.091	< 0.13
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.35	< 0.32	< 0.39	< 0.30	< 0.27	< 0.22	< 0.23	< 0.32
Butyl benzylphthalate	mg/kg	< 0.040	< 0.037	< 0.044	< 0.035	< 0.031	< 0.025	< 0.027	< 0.037
Caprolactam	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13
Carbazole	mg/kg	< 0.026	< 0.024	< 0.029	< 0.023	< 0.020	< 0.016	< 0.018	< 0.024
Chrysene	mg/kg	0.21	15	0.047	0.42	0.003 J	5.3	56	1.1
Dibenz(a,h)anthracene	mg/kg	0.044	0.23	0.006 J	0.033	< 0.004	0.92	2.0	0.15
Dibenzofuran	mg/kg	< 0.028	< 0.025	< 0.031	< 0.024	< 0.022	< 0.017	< 0.019	< 0.026
Diethyl phthalate	mg/kg	< 0.024	< 0.022	< 0.027	< 0.021	< 0.019	< 0.015	< 0.016	< 0.023
Dimethyl phthalate	mg/kg	< 0.019	< 0.017	< 0.021	< 0.017	< 0.015	< 0.012	< 0.013	< 0.018
Di-n-butylphthalate	mg/kg	< 0.033	< 0.030	< 0.037	< 0.029	< 0.026	< 0.021	1.3	< 0.031
Di-n-octyl phthalate	mg/kg	< 0.024	< 0.022	< 0.027	< 0.021	< 0.019	< 0.015	< 0.016	< 0.023
Fluoranthene	mg/kg	0.13	40	0.092	0.50	0.014	7.6	110	1.2
Fluorene	mg/kg	0.028	14	0.040	0.060	0.003 J	1.1	39	0.41
Hexachlorobenzene	mg/kg	< 0.038	< 0.035	< 0.042	< 0.033	< 0.030	< 0.024	< 0.026	< 0.035
Hexachlorobutadiene	mg/kg	< 0.12	< 0.11	< 0.14	< 0.11	< 0.095	< 0.077	< 0.083	< 0.11
Hexachlorocyclopentadiene	mg/kg	< 0.56 UJ	< 0.51 UJ	< 0.62 UJ	< 0.48 UJ	R	< 0.35 UJ	< 0.37 UJ	< 0.52 UJ
Hexachloroethane	mg/kg	< 0.089	< 0.081	< 0.098	< 0.077	< 0.069	< 0.055	< 0.060	< 0.082
Indeno(1,2,3-cd)pyrene	mg/kg	0.078	2.0	0.013	0.078	< 0.004	2.6 J	5.1 J	0.48 J
Isophorone	mg/kg	< 0.058	< 0.052	< 0.064	< 0.050	< 0.044	< 0.036	< 0.039	< 0.053
Naphthalene	mg/kg	0.013 J	0.51	0.015 J	0.017	0.004 J	0.42	27	0.088
Nitrobenzene	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-13*	*MB-14*	*MB-15*	*MB-16*	*MB-17*	*MB-18*	*MB-18*	*MB-18*
	Sample ID:	*T1-18/10/06-SE-MB-13(Surface)*	*T1-18/10/06-SE-MB-14(Surface)*	*T1-18/10/06-SE-MB-15(Surface)*	*T1-18/10/06-SE-MB-16(Surface)*	*T1-18/10/06-SE-MB-17(Surface)*	*T1-17/10/06-SE-MB-18(Mid)*	*T1-17/10/06-SE-MB-18(Refusal)*	*T1-17/10/06-SE-MB-18(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
N-Nitrosodi-n-propylamine	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13
N-Nitrosodiphenylamine	mg/kg	< 0.045	2.3	< 0.050	< 0.039	< 0.035	< 0.028	1.7	< 0.042
Pentachlorophenol	mg/kg	< 0.70	< 0.63	< 0.77	< 0.60	< 0.54	< 0.43	< 0.47	< 0.64
Phenanthrene	mg/kg	0.11	110	0.20	0.20	0.012	3.0	450	0.55
Phenol	mg/kg	< 0.14	< 0.13	< 0.15	< 0.12	< 0.11	< 0.087	< 0.094	< 0.13
Pyrene	mg/kg	0.26	80	0.18	0.54	0.01	22	230	1.6
Volatile Organic Compounds									
1,1,1-Trichloroethane	mg/kg	< 0.00047 UJ	< 0.042	< 0.00053 UJ	< 0.00041	< 0.00037 UJ	< 0.00029	< 0.031	< 0.00043 UJ
1,1,2,2-Tetrachloroethane	mg/kg	R	< 0.048	R	< 0.0010 UJ	R	< 0.00074 UJ	< 0.035	R
1,1,2-Trichloroethane	mg/kg	< 0.0014 UJ	< 0.030	< 0.0016 UJ	< 0.0012	< 0.0011 UJ	< 0.00087	< 0.022	< 0.0013 UJ
1,1-Dichloroethane	mg/kg	< 0.00052 UJ	< 0.042	< 0.00058 UJ	< 0.00045	< 0.00041 UJ	< 0.00032	< 0.031	< 0.00048 UJ
1,1-Dichloroethene	mg/kg	< 0.0020 UJ	< 0.048	< 0.0023 UJ	< 0.0018	< 0.0016 UJ	< 0.0013	< 0.035	< 0.0019 UJ
1,2,4-Trichlorobenzene	mg/kg	0.0024 J	< 0.060	R	< 0.00081 UJ	R	< 0.00058 UJ	< 0.044	R
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	R	< 0.30	R	< 0.00090 UJ	R	< 0.00064 UJ	< 0.22	R
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00068 UJ	< 0.018	< 0.00076 UJ	< 0.00059	< 0.00053 UJ	< 0.00042	< 0.013	< 0.00062 UJ
1,2-Dichlorobenzene	mg/kg	0.00094 J	< 0.030	R	< 0.00041 UJ	R	0.00050 J	< 0.022	R
1,2-Dichloroethane	mg/kg	< 0.00079 UJ	< 0.018	< 0.00088 UJ	< 0.00068	< 0.00061 UJ	< 0.00049	< 0.013	< 0.00072 UJ
1,2-Dichloropropane	mg/kg	< 0.00089 UJ	< 0.024	< 0.00099 UJ	< 0.00077	< 0.00069 UJ	< 0.00055	< 0.018	< 0.00082 UJ
1,3-Dichlorobenzene	mg/kg	0.00097 J	< 0.078	R	< 0.00054 UJ	R	< 0.00039 UJ	< 0.057	R
1,4-Dichlorobenzene	mg/kg	0.00087 J	< 0.054	R	< 0.00072 UJ	R	< 0.00057 UJ	< 0.039	R
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0064 UJ	< 0.34	< 0.0083 UJ	< 0.013	< 0.010 UJ	< 0.016 UJ	< 0.25	< 0.026 UJ
2-Hexanone	mg/kg	< 0.0043 UJ	< 0.084	< 0.0048 UJ	< 0.0037	< 0.0033 UJ	< 0.0026	< 0.061	< 0.0039 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.0020 UJ	< 0.066	< 0.0023 UJ	< 0.0018	< 0.0016 UJ	< 0.0013	< 0.048	< 0.0019 UJ
Acetone	mg/kg	R	R	< 0.073 UJ	< 0.095 UJ	< 0.087 UJ	0.098 J	0.33 J	0.19 J
Benzene	mg/kg	< 0.00052 UJ	< 0.036	< 0.00058 UJ	< 0.00045	< 0.00041 UJ	< 0.00032	< 0.026	< 0.00048 UJ
Bromodichloromethane	mg/kg	< 0.00042 UJ	< 0.030	< 0.00047 UJ	< 0.00036	< 0.00033 UJ	< 0.00026	< 0.022	< 0.00039 UJ
Bromoform	mg/kg	< 0.00063 UJ	< 0.15	< 0.00070 UJ	< 0.00054	< 0.00049 UJ	< 0.00039	< 0.11	< 0.00057 UJ
Bromomethane (Methyl Bromide)	mg/kg	< 0.0013 UJ	< 0.13	< 0.0015 UJ	< 0.0011	< 0.0010 UJ	< 0.00081	< 0.092	< 0.0012 UJ
Carbon disulfide	mg/kg	< 0.0017 UJ	< 0.16	< 0.012 UJ	< 0.012	< 0.014 UJ	0.014 J	0.19 J	0.0024 J
Carbon tetrachloride	mg/kg	< 0.00073 UJ	< 0.024	< 0.00082 UJ	< 0.00063	< 0.00057 UJ	< 0.00045	< 0.018	< 0.00067 UJ
Chlorobenzene	mg/kg	< 0.00058 UJ	< 0.036	< 0.00064 UJ	< 0.00050	< 0.00045 UJ	0.00037 J	< 0.026	< 0.00053 UJ
Chloroethane	mg/kg	< 0.00068 UJ	R	< 0.00076 UJ	< 0.00059	< 0.00053 UJ	< 0.00042	R	< 0.00062 UJ
Chloroform (Trichloromethane)	mg/kg	< 0.00063 UJ	< 0.066	< 0.00070 UJ	< 0.00054	< 0.00049 UJ	< 0.00039	< 0.048	< 0.00057 UJ
Chloromethane (Methyl Chloride)	mg/kg	< 0.0017 UJ	< 0.042	< 0.0019 UJ	< 0.0015	< 0.0013 UJ	< 0.0011	< 0.031	< 0.0016 UJ
cis-1,2-Dichloroethene	mg/kg	< 0.00099 UJ	< 0.060	< 0.0011 UJ	< 0.00086	< 0.00077 UJ	< 0.00061	< 0.044	< 0.00091 UJ
cis-1,3-Dichloropropene	mg/kg	< 0.00084 UJ	< 0.030	< 0.00094 UJ	< 0.00072	< 0.00065 UJ	< 0.00051	< 0.022	< 0.00077 UJ
Cyclohexane	mg/kg	< 0.00042 UJ	< 0.042	< 0.00047 UJ	< 0.00036	< 0.00033 UJ	0.0021 J	< 0.031	< 0.00039 UJ
Dibromochloromethane	mg/kg	< 0.00026 UJ	< 0.036	< 0.00029 UJ	< 0.00023	< 0.00021 UJ	< 0.00016	< 0.026	< 0.00024 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00063 UJ	< 0.060	< 0.00070 UJ	< 0.00054	< 0.00049 UJ	< 0.00039	< 0.044	< 0.00057 UJ
Ethylbenzene	mg/kg	0.00042 J	0.058 J	< 0.00035 UJ	< 0.00027	< 0.00025 UJ	< 0.0016 UJ	0.30 J	< 0.00029 UJ
Isopropylbenzene	mg/kg	< 0.00031 UJ	0.16 J	< 0.00035 UJ	0.00034 J	< 0.00025 UJ	0.030 J	1.5 J	< 0.00029 UJ
m&p-Xylene	mg/kg	< 0.00089 UJ	< 0.10	< 0.00099 UJ	< 0.00077	< 0.00069 UJ	0.0065 J	0.61 J	< 0.00082 UJ
Methyl acetate	mg/kg	< 0.0031 UJ	< 0.096	< 0.0035 UJ	< 0.0027	< 0.0024 UJ	< 0.0019	< 0.070	< 0.0029 UJ
Methyl cyclohexane	mg/kg	< 0.00058 UJ	0.20 J	< 0.00064 UJ	< 0.00050	< 0.00045 UJ	0.0084 J	< 0.031	< 0.00053 UJ
Methyl Tert Butyl Ether	mg/kg	< 0.0011 UJ	< 0.036	< 0.0012 UJ	< 0.00095	< 0.00085 UJ	< 0.00068	< 0.026	< 0.0010 UJ
Methylene chloride	mg/kg	< 0.0086 UJ	0.50 J	< 0.0014 UJ	< 0.0011	< 0.00098 UJ	< 0.00078	< 0.35	< 0.0012 UJ
o-Xylene	mg/kg	0.0083 J	< 0.10	0.0091 J	0.0084 J	< 0.00069 UJ	0.011 J	0.47 J	0.0077 J
Styrene	mg/kg	< 0.00052 UJ	< 0.036	< 0.00058 UJ	< 0.00045	< 0.00041 UJ	< 0.00032	< 0.026	< 0.00048 UJ

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-13*	*MB-14*	*MB-15*	*MB-16*	*MB-17*	*MB-18*	*MB-18*	*MB-18*
	Sample ID:	*T1-18/10/06-SE-MB-13(Surface)*	*T1-18/10/06-SE-MB-14(Surface)*	*T1-18/10/06-SE-MB-15(Surface)*	*T1-18/10/06-SE-MB-16(Surface)*	*T1-18/10/06-SE-MB-17(Surface)*	*T1-17/10/06-SE-MB-18(Mid)*	*T1-17/10/06-SE-MB-18(Refusal)*	*T1-17/10/06-SE-MB-18(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*								
Volatiles (Cont'd.)									
Tetrachloroethene	mg/kg	< 0.00031 UJ	< 0.048	< 0.00035 UJ	< 0.00027	< 0.00025 UJ	< 0.00019	< 0.035	< 0.00029 UJ
Toluene	mg/kg	< 0.0015 UJ	< 0.13	< 0.0016 UJ	< 0.0011	< 0.00085 UJ	< 0.0018 UJ	< 0.092	0.0022 J
trans-1,2-Dichloroethene	mg/kg	< 0.00063 UJ	< 0.042	< 0.00070 UJ	< 0.00054	< 0.00049 UJ	< 0.00039	< 0.031	< 0.00057 UJ
trans-1,3-Dichloropropene	mg/kg	< 0.00068 UJ	< 0.018	< 0.00076 UJ	< 0.00059	< 0.00053 UJ	< 0.00042	< 0.013	< 0.00062 UJ
Trichloroethene	mg/kg	< 0.00079 UJ	< 0.096	< 0.00088 UJ	< 0.00068	< 0.00061 UJ	< 0.00049	< 0.070	< 0.00072 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.0015 UJ	< 0.060	< 0.0017 UJ	< 0.0013	< 0.0012 UJ	< 0.00093	< 0.044	< 0.0014 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00058 UJ	< 0.15	< 0.0016 UJ	< 0.00065	< 0.00045 UJ	< 0.00036	< 0.11	< 0.00053 UJ
Vinyl chloride	mg/kg	< 0.00084 UJ	< 0.036	< 0.00094 UJ	< 0.00072	< 0.00065 UJ	< 0.00051	< 0.026	< 0.00077 UJ
General Chemistry									
Cyanide (total)	mg/kg	< 0.95	< 0.82	< 0.99	< 0.82	< 0.72	< 0.57	< 0.62	< 0.84
Moisture	%	80.9	79.0	82.7	77.9	75.2	69.3	71.5	79.3
Sulfide (Acid Volatile)	umol/g	< 2.0	73.5	< 2.3	2.9 J	< 1.6	-	-	12.6
Total Organic Carbon (TOC)	mg/kg	159000	62700	162000	105000	126000	76400	103000	134000

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-19*	*MB-20*	*MB-21*	*MB-21*	*MB-21*	*MB-22*	*MB-23*	*MB-24*	*MB-24*
	Sample ID:	*T1-17/10/06-SE-MB-19(Surface)*	*T1-17/10/06-SE-MB-20(Surface)*	*T1-17/10/06-SE-MB-21(Mid)*	*T1-17/10/06-SE-MB-21(Refusal)*	*T1-17/10/06-SE-MB-21(Surface)*	*T1-17/10/06-SE-MB-22(Surface)*	*T1-17/10/06-SE-MB-23(Surface)*	*T1-17/10/06-SE-MB-24(Mid)*	*T1-17/10/06-SE-MB-24(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	48.5	50.0	27.0	19.0	19.0	< 0.50	-	-	-
Grain Size 0.002 mm	% passed	54.0	58.0	31.0	21.5	28.0	< 0.50	-	-	-
Grain Size 0.005 mm	% passed	61.0	68.0	37.0	28.0	37.5	< 0.50	-	-	-
Grain Size 0.02 mm	% passed	75.0	77.0	55.0	42.0	56.0	< 0.50	-	-	-
Grain Size 0.05 mm	% passed	87.0	86.0	78.5	52.0	66.5	< 0.50	-	-	-
Grain Size 0.064 mm	% passed	92.0	88.0	85.0	53.0	71.0	< 0.50	-	-	-
Grain Size 0.075 mm	% passed	94.0	89.7	88.2	54.8	73.0	91.1	-	-	-
Grain Size 0.15 mm	% passed	95.5	90.8	92.4	60.5	80.2	92.7	-	-	-
Grain Size 0.3 mm	% passed	96.2	92.2	93.9	67.3	84.1	94.6	-	-	-
Grain Size 0.6 mm	% passed	96.5	93.6	95.3	76.8	88.0	96.4	-	-	-
Grain Size 1.18 mm	% passed	96.5	94.6	96.8	89.2	97.8	97.5	-	-	-
Grain Size 19 mm	% passed	100	100	100	100	100	100	-	-	-
Grain Size 2.36 mm	% passed	96.7	95.3	98.0	96.3	98.5	97.8	-	-	-
Grain Size 3.35 mm	% passed	99.3	99.7	99.4	99.7	98.6	99.7	-	-	-
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	-	-	-
Grain Size 4.75 mm	% passed	99.7	100	99.8	99.9	99.6	99.9	-	-	-
Grain Size 75 mm	% passed	100	100	100	100	100	100	-	-	-
Metals										
Aluminum	mg/kg	30400 J	37400 J	24400 J	32900 J	28500 J	35500 J	29800 J	30500 J	22100 J
Antimony	mg/kg	< 3.38 UJ	< 3.06 UJ	< 1.71 UJ	< 4.97 UJ	< 2.87 UJ	< 4.08 UJ	< 7.70 UJ	< 4.32 UJ	< 4.26 UJ
Arsenic	mg/kg	4.78 J	3.18 J	4.97 J	8.55 J	9.27 J	< 4.12	10.1 J	5.36 J	11.3 J
Barium	mg/kg	119 J	86.9 J	66.6 J	105 J	115 J	74.7 J	62.7 J	93.8 J	97.1 J
Beryllium	mg/kg	1.67 J	2.17 J	1.08 J	1.38 J	1.32 J	1.68 J	1.36 J	1.41 J	1.03 J
Cadmium	mg/kg	< 0.243	< 0.220	0.257 J	< 0.358	0.378 J	< 0.293	< 0.554	< 0.311	< 0.306
Cadmium	umol/g	< 0.000539	< 0.000484	-	-	< 0.000460	< 0.000659	0.00355 J	-	-
Calcium	mg/kg	8470 J	6180 J	2710 J	7090 J	109000 J	5060 J	6520 J	6870 J	7010 J
Chromium Total	mg/kg	30.9	35.4	27.3	35.0	93.5	36.2	425	30.9	24.9
Chromium VI (Hexavalent)	mg/kg	< 15.3	< 13.6	< 0.78	< 22.5	< 1.3	< 1.9	< 34.8 UJ	< 19.3 UJ	< 19.0 UJ
Cobalt	mg/kg	5.63 J	4.93 J	7.06 J	11.1 J	8.13 J	4.48 J	5.92 J	10.2 J	16.7 J
Copper	mg/kg	16.2 J	8.55 J	360 J	21.7 J	234 J	15.1 J	442 J	15.7 J	16.3 J
Copper	umol/g	< 0.00264 UJ	0.00373 J	-	-	0.389 J	0.0132 J	1.16 J	-	-
Iron	mg/kg	18200 J	16700 J	19400 J	30600 J	23100 J	15300 J	15000 J	27200 J	51200 J
Lead	mg/kg	16.4 J	18.2	61.7	19.5 J	212	21.0 J	136	17.7 J	11.0 J
Lead	umol/g	0.0397 J	0.0385 J	-	-	0.924 J	0.0469 J	0.630 J	-	-
Magnesium	mg/kg	8350 J	7690 J	4700 J	8430 J	19000 J	6980 J	8380 J	7230 J	6650 J
Manganese	mg/kg	184 J	123 J	118 J	242 J	1020 J	108 J	87.6 J	275 J	348 J
Mercury	mg/kg	< 0.0388	0.0540 J	1.42	< 0.0563	1.48	0.107 J	0.454 J	< 0.0840	< 0.0774
Nickel	mg/kg	19.6	15.5 J	14.9	23.2 J	29.3	15.0 J	25.5 J	21.5 J	32.3
Nickel	umol/g	0.252 J	0.0930 J	-	-	0.260 J	0.336 J	0.771 J	-	-
Potassium	mg/kg	4970 J	5030 J	2740 J	3890 J	3180 J	4780 J	4830 J	3530 J	3020 J
Selenium	mg/kg	< 3.66	< 3.32	< 1.85	< 5.39	< 3.11	< 4.42	< 8.35	< 4.68	< 4.62
Silver	mg/kg	< 0.636	< 0.576	< 0.871	< 0.936	2.92 J	< 0.767	< 1.45	< 0.813	< 0.802
Sodium	mg/kg	9650	7480	2740	10200	5010	8190	20400	9190	9300
Thallium	mg/kg	< 4.98	< 4.51	< 2.51	< 7.33	< 4.22	< 6.00	< 11.3	< 6.36	< 6.27
Vanadium	mg/kg	60.2 J	66.3 J	39.3 J	54.7 J	52.6 J	55.3 J	84.0 J	49.3 J	45.4 J
Zinc	mg/kg	39.7	47.5	159	109	210	55.9	213	89.6	86.4
Zinc	umol/g	0.0733 J	0.0960 J	-	-	1.74 J	0.0695 J	2.68 J	-	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-19*	*MB-20*	*MB-21*	*MB-21*	*MB-21*	*MB-22*	*MB-23*	*MB-24*	*MB-24*
	Sample ID:	*T1-17/10/06-SE-MB-19(Surface)*	*T1-17/10/06-SE-MB-20(Surface)*	*T1-17/10/06-SE-MB-21(Mid)*	*T1-17/10/06-SE-MB-21(Refusal)*	*T1-17/10/06-SE-MB-21(Surface)*	*T1-17/10/06-SE-MB-22(Surface)*	*T1-17/10/06-SE-MB-23(Surface)*	*T1-17/10/06-SE-MB-24(Mid)*	*T1-17/10/06-SE-MB-24(Refusal)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.013	< 0.011	< 0.0064	< 0.019	< 0.053	< 0.015	< 0.029	< 0.016	< 0.016
Aroclor-1221 (PCB-1221)	mg/kg	< 0.020	< 0.018	< 0.010	< 0.029	< 0.084	< 0.024	< 0.045	< 0.025	< 0.025
Aroclor-1232 (PCB-1232)	mg/kg	< 0.013	< 0.011	< 0.0064	< 0.019	< 0.053	< 0.015	< 0.029	< 0.016	< 0.016
Aroclor-1242 (PCB-1242)	mg/kg	< 0.013	< 0.011	< 0.0064	< 0.019	1.0	< 0.015	< 0.029	< 0.016	< 0.016
Aroclor-1248 (PCB-1248)	mg/kg	< 0.013	< 0.011	< 0.0064	< 0.019	< 0.053	< 0.015	< 0.029	< 0.016	< 0.016
Aroclor-1254 (PCB-1254)	mg/kg	< 0.013	< 0.011	< 0.0064	< 0.019	0.29	< 0.015	< 0.029	< 0.016	< 0.016
Aroclor-1260 (PCB-1260)	mg/kg	< 0.013	< 0.011	0.027 J	< 0.019	0.12 J	< 0.015	< 0.029	< 0.016	< 0.016
Pesticides										
4,4'-DDD	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	0.0034 JN	< 0.0080	< 0.0079
4,4'-DDE	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	0.011 JN	< 0.0080	< 0.0079
4,4'-DDT	mg/kg	< 0.0013	< 0.0011	R	R	R	R	R	R	R
Aldrin	mg/kg	< 0.00073	< 0.00064	< 0.0018	< 0.0053	< 0.0061	< 0.00089	< 0.0017	< 0.0046	< 0.0045
alpha-BHC	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	< 0.0029	< 0.0080	< 0.0079
alpha-Chlordane	mg/kg	< 0.00065	< 0.00058	< 0.0017	< 0.0048	0.0084 J	< 0.00080	0.0019 J	< 0.0041	< 0.0040
beta-BHC	mg/kg	< 0.0023	< 0.0021	< 0.0059	< 0.017	< 0.020	< 0.0029	< 0.0053	< 0.015	< 0.015
delta-BHC	mg/kg	< 0.00065	< 0.00058	< 0.0017	< 0.0048	< 0.0055	< 0.00080	< 0.0015	< 0.0041	< 0.0040
Dieldrin	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.015	< 0.0015	< 0.0029	< 0.0080	< 0.0079
Endosulfan I	mg/kg	< 0.00084	< 0.00075	< 0.0021	< 0.0062	< 0.0071	< 0.0010	< 0.0019	< 0.0053	< 0.0052
Endosulfan II	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	< 0.0029	< 0.0080	< 0.0079
Endosulfan sulfate	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	< 0.0029	< 0.0080	< 0.0079
Endrin	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	< 0.0029	< 0.0080	< 0.0079
Endrin aldehyde	mg/kg	< 0.0013	< 0.0011	< 0.0032	< 0.0093	< 0.011	< 0.0015	< 0.0029	< 0.0080	< 0.0079
Endrin ketone	mg/kg	< 0.0013	< 0.0011	< 0.0032 UJ	< 0.0093 UJ	< 0.011 UJ	< 0.0015 UJ	< 0.0029 UJ	< 0.0080 UJ	< 0.0079 UJ
gamma-BHC (Lindane)	mg/kg	< 0.00065	< 0.00058	< 0.0017	< 0.0048	< 0.0055	< 0.00080	< 0.0015	< 0.0041	< 0.0040
gamma-Chlordane	mg/kg	< 0.0038	< 0.0034	< 0.0097	< 0.028	< 0.032	< 0.0047	< 0.0087	< 0.024	< 0.024
Heptachlor	mg/kg	< 0.00065	< 0.00058	< 0.0017	< 0.0048	< 0.0055	< 0.00080	< 0.0015	< 0.0041	< 0.0040
Heptachlor epoxide	mg/kg	< 0.00065	< 0.00058	0.0024 J	< 0.0048	< 0.0055	< 0.00080	< 0.0015	< 0.0041	< 0.0040
Methoxychlor	mg/kg	< 0.0065	< 0.0058	< 0.017 UJ	< 0.048 UJ	< 0.055 UJ	< 0.0080 UJ	< 0.015 UJ	< 0.041 UJ	< 0.040 UJ
Toxaphene	mg/kg	< 0.042	< 0.037	< 0.11	< 0.31	< 0.36	< 0.052	< 0.096	< 0.27	< 0.26
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 38 UJ	< 34 UJ	140 J	< 56 UJ	5300	< 47 UJ	< 87 UJ	< 48 UJ	< 48 UJ
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 38 UJ	< 34 UJ	51 J	< 56 UJ	450	< 47 UJ	< 87 UJ	< 48 UJ	< 48 UJ
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 38 UJ	< 34 UJ	120 J	< 56 UJ	1300	< 47 UJ	< 87 UJ	< 48 UJ	< 48 UJ
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 38 UJ	< 34 UJ	310 J	< 56 UJ	7000	< 47 UJ	< 87 UJ	< 48 UJ	< 48 UJ
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.033	< 0.029	< 0.017	< 0.049	< 0.028	< 0.041	< 0.075	< 0.042	< 0.041
2,4,5-Trichlorophenol	mg/kg	< 0.036	< 0.032	< 0.018	< 0.052	< 0.030	< 0.044	< 0.081	< 0.045	< 0.044
2,4,6-Trichlorophenol	mg/kg	< 0.033	< 0.029	< 0.017	< 0.049	< 0.028	< 0.041	< 0.075	< 0.042	< 0.041
2,4-Dichlorophenol	mg/kg	< 0.019	< 0.017	< 0.0097	< 0.028	< 0.016	< 0.023	< 0.043	< 0.024	< 0.024
2,4-Dimethylphenol	mg/kg	< 0.033	< 0.029	< 0.017	< 0.049	< 0.028	< 0.041	< 0.075	< 0.042	< 0.041
2,4-Dinitrophenol	mg/kg	< 1.0	< 0.90	< 0.52	< 1.5	< 0.86	< 1.3	< 2.3	< 1.3	< 1.3
2,4-Dinitrotoluene	mg/kg	< 0.037	< 0.033	< 0.019	< 0.054	< 0.031	< 0.045	< 0.084	< 0.047	< 0.046
2,6-Dinitrotoluene	mg/kg	< 0.039	< 0.035	< 0.020	< 0.058	< 0.033	< 0.049	< 0.090	< 0.050	< 0.049
2-Chloronaphthalene	mg/kg	< 0.020	< 0.018	< 0.010	< 0.030	< 0.017	< 0.025	< 0.046	< 0.026	< 0.025
2-Chlorophenol	mg/kg	< 0.031	< 0.027	< 0.016	< 0.045	< 0.026	< 0.038	< 0.070	< 0.039	< 0.038

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-19*	*MB-20*	*MB-21*	*MB-21*	*MB-21*	*MB-22*	*MB-23*	*MB-24*	*MB-24*
Sample ID:		*T1-17/10/06-SE-MB-19(Surface)*	*T1-17/10/06-SE-MB-20(Surface)*	*T1-17/10/06-SE-MB-21(Mid)*	*T1-17/10/06-SE-MB-21(Refusal)*	*T1-17/10/06-SE-MB-21(Surface)*	*T1-17/10/06-SE-MB-22(Surface)*	*T1-17/10/06-SE-MB-23(Surface)*	*T1-17/10/06-SE-MB-24(Mid)*	*T1-17/10/06-SE-MB-24(Refusal)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	< 0.003	< 0.002	9.7	0.50	130	< 0.003	0.034	13	4.2
2-Methylphenol	mg/kg	< 0.036	< 0.032	< 0.018	< 0.052	< 0.030	< 0.044	< 0.081	< 0.045	< 0.044
2-Nitroaniline	mg/kg	< 0.034	< 0.031	< 0.018	< 0.051	< 0.029	< 0.042	< 0.078	< 0.043	< 0.043
2-Nitrophenol	mg/kg	< 0.039	< 0.035	< 0.020	< 0.058	< 0.033	< 0.049	< 0.090	< 0.050	< 0.049
3,3'-Dichlorobenzidine	mg/kg	< 0.20	< 0.18	< 0.10	< 0.30	< 0.17	< 0.25	< 0.46	< 0.26	< 0.25
3-Nitroaniline	mg/kg	< 0.15	< 0.14	< 0.078	< 0.22	< 0.13	< 0.19	< 0.35	< 0.19	< 0.19
4,6-Dinitro-2-methylphenol	mg/kg	< 0.13	< 0.11	< 0.065	< 0.19	< 0.11	< 0.16	< 0.29	< 0.16	< 0.16
4-Bromophenyl phenyl ether	mg/kg	< 0.037	< 0.033	< 0.019	< 0.054	< 0.031	< 0.045	< 0.084	< 0.047	< 0.046
4-Chloro-3-methylphenol	mg/kg	< 0.032	< 0.028	< 0.016	< 0.047	< 0.027	< 0.039	< 0.072	< 0.040	< 0.040
4-Chloroaniline	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13
4-Chlorophenyl phenyl ether	mg/kg	< 0.018	< 0.016	< 0.0091	< 0.026	< 0.015	< 0.022	< 0.041	< 0.023	< 0.022
4-Methylphenol	mg/kg	< 0.041	< 0.036	< 0.021	< 0.060	< 0.035	< 0.050	< 0.093	< 0.052	< 0.051
4-Nitroaniline	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13
4-Nitrophenol	mg/kg	< 0.51	< 0.45	< 0.26	< 0.75	< 0.43	< 0.63	< 1.2	< 0.64	< 0.63
Acenaphthene	mg/kg	< 0.003	0.003 J	3.7	0.43	110	0.009	0.098	7.3	2.4
Acenaphthylene	mg/kg	0.003 J	0.002 J	1.1	0.24	48	0.022	0.64	0.53	0.36
Acetophenone	mg/kg	< 0.023	< 0.020	< 0.012	< 0.034	< 0.019	< 0.028	< 0.052	< 0.029	< 0.029
Anthracene	mg/kg	0.001 J	< 0.001	1.1	0.21	58	0.007 J	0.24	0.26	0.21
Atrazine	mg/kg	< 0.032	< 0.028	< 0.016	< 0.047	< 0.027	< 0.039	< 0.072	< 0.040	< 0.040
Benzaldehyde	mg/kg	< 0.047	< 0.042	< 0.024	< 0.069	< 0.040	< 0.058	< 0.11	< 0.060	< 0.059
Benzo(a)anthracene	mg/kg	< 0.003	< 0.002	1.6	0.11	19	0.007 J	0.096	0.11	0.095
Benzo(a)pyrene	mg/kg	< 0.003	< 0.002	0.69	0.072	7.7	0.006 J	0.13	0.072	0.074
Benzo(b)fluoranthene	mg/kg	0.006 J	0.007	3.1	0.10	8.2	0.015	0.34	0.10	0.10
Benzo(g,h,i)perylene	mg/kg	< 0.004	< 0.003	0.48 J	0.037 J	2.5 J	0.006 J	0.14 J	0.031 J	0.028 J
Benzo(k)fluoranthene	mg/kg	< 0.004	< 0.003	0.44	< 0.006	< 0.032	< 0.005	0.056	< 0.005	< 0.005
Biphenyl	mg/kg	< 0.023	< 0.020	2.1	1.3	100	< 0.028	< 0.052	0.77 J	< 0.029
bis(2-Chloroethoxy)methane	mg/kg	< 0.031	< 0.027	< 0.016	< 0.045	< 0.026	< 0.038	< 0.070	< 0.039	< 0.038
bis(2-Chloroethyl)ether	mg/kg	< 0.099	< 0.088	< 0.051	< 0.15	< 0.084	< 0.12	< 0.23	< 0.13	< 0.12
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.25	< 0.23	< 0.13	< 0.37	< 0.22	< 0.31	< 0.58	< 0.32	< 0.32
Butyl benzylphthalate	mg/kg	< 0.029	< 0.026	< 0.015	< 0.043	< 0.025	< 0.036	< 0.067	< 0.037	< 0.037
Caprolactam	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13
Carbazole	mg/kg	< 0.019	< 0.017	< 0.0097	< 0.028	< 0.016	< 0.023	< 0.043	< 0.024	< 0.024
Chrysene	mg/kg	0.001 J	0.001 J	1.4	0.10	21	0.010	0.10	0.13	0.12
Dibenz(a,h)anthracene	mg/kg	< 0.004	< 0.003	0.28	0.014	0.80	< 0.005	0.044	0.01	0.010
Dibenzofuran	mg/kg	< 0.020	< 0.018	< 0.010	< 0.030	< 0.017	< 0.025	< 0.046	< 0.026	< 0.025
Diethyl phthalate	mg/kg	< 0.018	0.029 J	< 0.0091	< 0.026	< 0.015	< 0.022	< 0.041	< 0.023	< 0.022
Dimethyl phthalate	mg/kg	< 0.014	< 0.012	< 0.0071	< 0.021	< 0.012	< 0.017	< 0.032	< 0.018	< 0.017
Di-n-butylphthalate	mg/kg	< 0.024	< 0.021	< 0.012	< 0.036	< 0.020	< 0.030	< 0.055	< 0.031	< 0.030
Di-n-octyl phthalate	mg/kg	< 0.018	< 0.016	< 0.0091	< 0.026	< 0.015	< 0.022	< 0.041	< 0.023	< 0.022
Fluoranthene	mg/kg	0.01	0.012	9.5	0.27	47	0.018	0.15	0.31	0.26
Fluorene	mg/kg	0.005 J	0.005 J	2.1	0.40	100	0.008	0.071	0.44	0.12
Hexachlorobenzene	mg/kg	< 0.028	< 0.025	< 0.014	< 0.041	< 0.024	< 0.034	< 0.064	< 0.035	< 0.035
Hexachlorobutadiene	mg/kg	< 0.090	< 0.080	< 0.046	< 0.13	< 0.077	< 0.11	< 0.21	< 0.11	< 0.11
Hexachlorocyclopentadiene	mg/kg	< 0.41 UJ	< 0.36 UJ	< 0.21 UJ	< 0.60 UJ	< 0.35 UJ	< 0.50 UJ	< 0.93 UJ	< 0.52 UJ	< 0.51 UJ
Hexachloroethane	mg/kg	< 0.065	< 0.058	< 0.033	< 0.096	< 0.055	< 0.080	< 0.15	< 0.082	< 0.081
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.004	< 0.003	0.23 J	0.027 J	2.0 J	0.005 J	0.10 J	0.024 J	0.024 J
Isophorone	mg/kg	< 0.042	< 0.037	< 0.021	< 0.062	< 0.036	< 0.052	< 0.096	< 0.053	< 0.052
Naphthalene	mg/kg	< 0.004	< 0.003	2.5	0.47	130	< 0.005	0.044	5.2	0.76
Nitrobenzene	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-19*	*MB-20*	*MB-21*	*MB-21*	*MB-21*	*MB-22*	*MB-23*	*MB-24*	*MB-24*
Sample ID:		*T1-17/10/06-SE-MB-19(Surface)*	*T1-17/10/06-SE-MB-20(Surface)*	*T1-17/10/06-SE-MB-21(Mid)*	*T1-17/10/06-SE-MB-21(Refusal)*	*T1-17/10/06-SE-MB-21(Surface)*	*T1-17/10/06-SE-MB-22(Surface)*	*T1-17/10/06-SE-MB-23(Surface)*	*T1-17/10/06-SE-MB-24(Mid)*	*T1-17/10/06-SE-MB-24(Refusal)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13
N-Nitrosodiphenylamine	mg/kg	< 0.033	< 0.029	< 0.017	< 0.049	2.6	< 0.041	< 0.075	< 0.042	< 0.041
Pentachlorophenol	mg/kg	< 0.51	< 0.45	< 0.26	< 0.75	< 0.43	< 0.63	< 1.2	< 0.64	< 0.63
Phenanthrene	mg/kg	0.006 J	0.005 J	5.4	0.94	220	0.016	0.12	0.88	0.61
Phenol	mg/kg	< 0.10	< 0.090	< 0.052	< 0.15	< 0.086	< 0.13	< 0.23	< 0.13	< 0.13
Pyrene	mg/kg	0.007	0.010	3.3	0.42	91	0.029	0.17	0.51	0.45
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00034 UJ	< 0.00031 UJ	< 0.017	< 0.00050	< 0.028	< 0.00042	< 0.00077 UJ	< 0.00043	< 0.00043
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00087 UJ	< 0.00078 UJ	< 0.019	< 0.0013	< 0.032	R	< 0.0020 UJ	< 0.0011 UJ	< 0.0011 UJ
1,1,2-Trichloroethane	mg/kg	< 0.0010 UJ	< 0.00091 UJ	< 0.012	< 0.0015	< 0.020	< 0.0013	< 0.0023 UJ	< 0.0013	< 0.0013
1,1-Dichloroethane	mg/kg	< 0.00038 UJ	< 0.00034 UJ	< 0.017	< 0.00056	< 0.028	< 0.00047	< 0.00086 UJ	< 0.00048	< 0.00048
1,1-Dichloroethene	mg/kg	< 0.0015 UJ	< 0.0013 UJ	< 0.019	< 0.0022	< 0.032	< 0.0018	< 0.0034 UJ	< 0.0019	< 0.0019
1,2,4-Trichlorobenzene	mg/kg	< 0.00068 UJ	< 0.00061 UJ	0.041 J	< 0.0010	0.14 J	R	< 0.0016 UJ	< 0.00087 UJ	< 0.00086 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00076 UJ	< 0.00068 UJ	< 0.12	< 0.0011	< 0.20	R	< 0.0017 UJ	< 0.00097 UJ	< 0.00096 UJ
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00049 UJ	< 0.00044 UJ	< 0.0073	< 0.00072	< 0.012	< 0.00061	< 0.0011 UJ	< 0.00063	< 0.00062
1,2-Dichlorobenzene	mg/kg	< 0.00034 UJ	< 0.00031 UJ	< 0.012	< 0.00050	0.073 J	R	< 0.00077 UJ	< 0.00043 UJ	< 0.00043 UJ
1,2-Dichloroethane	mg/kg	< 0.00057 UJ	< 0.00051 UJ	< 0.0073	< 0.00084	< 0.012	< 0.00070	< 0.0013 UJ	< 0.00072	< 0.00072
1,2-Dichloropropane	mg/kg	< 0.00065 UJ	< 0.00058 UJ	< 0.0097	< 0.00094	< 0.016	< 0.00080	< 0.0015 UJ	< 0.00082	< 0.00081
1,3-Dichlorobenzene	mg/kg	< 0.00045 UJ	< 0.00041 UJ	< 0.031	< 0.00067	< 0.053	R	< 0.0010 UJ	< 0.00058 UJ	< 0.00058 UJ
1,4-Dichlorobenzene	mg/kg	< 0.00061 UJ	< 0.00054 UJ	< 0.022	< 0.00089	0.042 J	R	< 0.0014 UJ	< 0.00077 UJ	< 0.00077 UJ
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0059 UJ	< 0.0047 UJ	< 0.14	< 0.013	< 0.23	< 0.011	< 0.022 UJ	< 0.016	< 0.013
2-Hexanone	mg/kg	< 0.0031 UJ	< 0.0028 UJ	< 0.034	< 0.0046	< 0.057	< 0.0039	< 0.0071 UJ	< 0.0040	< 0.0039
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.0015 UJ	< 0.0013 UJ	< 0.027	< 0.0022	< 0.045	< 0.0018	< 0.0034 UJ	< 0.0019	< 0.0019
Acetone	mg/kg	0.10 J	< 0.060 UJ	R	0.14 J	0.33 J	0.12 J	0.77 J	0.15 J	0.097 J
Benzene	mg/kg	< 0.00038 UJ	< 0.00034 UJ	< 0.015	< 0.00056	< 0.024	< 0.00047	< 0.00086 UJ	0.0024 J	< 0.00081
Bromodichloromethane	mg/kg	< 0.00031 UJ	< 0.00027 UJ	< 0.012	< 0.00044	< 0.020	< 0.00038	< 0.00070 UJ	< 0.00039	< 0.00038
Bromoform	mg/kg	< 0.00045 UJ	< 0.00041 UJ	< 0.060	< 0.00067	< 0.10	< 0.00056	< 0.0010 UJ	< 0.00058	< 0.00058
Bromomethane (Methyl Bromide)	mg/kg	< 0.00095 UJ	< 0.00085 UJ	< 0.051	< 0.0014	< 0.085	< 0.0012	< 0.0022 UJ	< 0.0012	< 0.0012
Carbon disulfide	mg/kg	0.012 J	0.0062 J	< 0.063	0.0098 J	< 0.11	0.019 J	0.018 J	0.022	0.018 J
Carbon tetrachloride	mg/kg	< 0.00053 UJ	< 0.00047 UJ	< 0.0097	< 0.00078	< 0.016	< 0.00066	< 0.0012 UJ	< 0.00068	< 0.00067
Chlorobenzene	mg/kg	< 0.00042 UJ	< 0.00037 UJ	< 0.015	< 0.00061	< 0.024	< 0.00052	< 0.00095 UJ	< 0.00053	< 0.00053
Chloroethane	mg/kg	< 0.00049 UJ	< 0.00044 UJ	R	< 0.00072	R	< 0.00061	< 0.0011 UJ	< 0.00063	< 0.00062
Chloroform (Trichloromethane)	mg/kg	< 0.00045 UJ	< 0.00041 UJ	< 0.027	< 0.00067	< 0.045	< 0.00056	< 0.0010 UJ	< 0.00058	< 0.00058
Chloromethane (Methyl Chloride)	mg/kg	< 0.0013 UJ	< 0.0011 UJ	< 0.017	< 0.0018	< 0.028	< 0.0016	< 0.0029 UJ	< 0.0016	< 0.0016
cis-1,2-Dichloroethene	mg/kg	< 0.00072 UJ	< 0.00064 UJ	< 0.024	< 0.0011	< 0.041	< 0.00089	< 0.0016 UJ	< 0.00092	< 0.00091
cis-1,3-Dichloropropene	mg/kg	< 0.00061 UJ	< 0.00054 UJ	< 0.012	< 0.00089	< 0.020	< 0.00075	< 0.0014 UJ	< 0.00077	< 0.00077
Cyclohexane	mg/kg	< 0.00031 UJ	< 0.00027 UJ	< 0.017	0.00055 J	< 0.028	< 0.00038	0.0011 J	0.0012 J	0.00063 J
Dibromochloromethane	mg/kg	< 0.00019 UJ	< 0.00017 UJ	< 0.015	< 0.00028	< 0.024	< 0.00023	< 0.00043 UJ	< 0.00024	< 0.00024
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00045 UJ	< 0.00041 UJ	< 0.024	< 0.00067	< 0.041	< 0.00056	< 0.0010 UJ	< 0.00058	< 0.00058
Ethylbenzene	mg/kg	< 0.00023 UJ	< 0.00044 UJ	< 0.029	0.0044 J	1.1 J	< 0.00028	< 0.00085 UJ	0.013 J	0.0030 J
Isopropylbenzene	mg/kg	< 0.00023 UJ	< 0.00020 UJ	0.24 J	0.013 J	1.7	< 0.00028	0.00060 J	0.24	0.12
m&p-Xylene	mg/kg	< 0.00065 UJ	< 0.00058 UJ	0.078 J	< 0.0031	0.83 J	< 0.00080	< 0.0015 UJ	0.10	0.030
Methyl acetate	mg/kg	< 0.0023 UJ	< 0.0020 UJ	< 0.039	< 0.0033	< 0.065	< 0.0028	< 0.0052 UJ	< 0.0029	< 0.0029
Methyl cyclohexane	mg/kg	< 0.00042 UJ	< 0.00037 UJ	0.059 J	0.0054 J	< 0.028	< 0.00052	< 0.00095 UJ	< 0.00053	< 0.00053
Methyl Tert Butyl Ether	mg/kg	< 0.00080 UJ	< 0.00071 UJ	< 0.015	0.0040 J	< 0.024	< 0.00099	< 0.0018 UJ	0.0023 J	0.0021 J
Methylene chloride	mg/kg	< 0.00091 UJ	< 0.00081 UJ	< 0.20	< 0.0013	< 0.32	< 0.0023	< 0.0021 UJ	< 0.0012	< 0.0011
o-Xylene	mg/kg	< 0.0058 UJ	< 0.0052 UJ	0.048 J	0.012 J	0.68 J	< 0.0074	0.014 J	0.068	0.027
Styrene	mg/kg	< 0.00038 UJ	< 0.00034 UJ	< 0.015	< 0.00056	< 0.024	< 0.00047	< 0.00086 UJ	< 0.00048	< 0.00048

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-19*	*MB-20*	*MB-21*	*MB-21*	*MB-21*	*MB-22*	*MB-23*	*MB-24*	*MB-24*
Sample ID:		*T1-17/10/06-SE-MB-19(Surface)*	*T1-17/10/06-SE-MB-20(Surface)*	*T1-17/10/06-SE-MB-21(Mid)*	*T1-17/10/06-SE-MB-21(Refusal)*	*T1-17/10/06-SE-MB-21(Surface)*	*T1-17/10/06-SE-MB-22(Surface)*	*T1-17/10/06-SE-MB-23(Surface)*	*T1-17/10/06-SE-MB-24(Mid)*	*T1-17/10/06-SE-MB-24(Refusal)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00023 UJ	< 0.00020 UJ	< 0.019	< 0.00033	< 0.032	< 0.00028	< 0.00052 UJ	< 0.00029	< 0.00029
Toluene	mg/kg	< 0.00031 UJ	< 0.00027 UJ	< 0.051	< 0.0011	< 0.085	< 0.00052	0.0045 J	< 0.0029	< 0.0013
trans-1,2-Dichloroethene	mg/kg	< 0.00045 UJ	< 0.00041 UJ	< 0.017	< 0.00067	< 0.028	< 0.00056	< 0.0010 UJ	< 0.00058	< 0.00058
trans-1,3-Dichloropropene	mg/kg	< 0.00049 UJ	< 0.00044 UJ	< 0.0073	< 0.00072	< 0.012	< 0.00061	< 0.0011 UJ	< 0.00063	< 0.00062
Trichloroethene	mg/kg	< 0.00057 UJ	< 0.00051 UJ	< 0.039	< 0.00084	< 0.065	< 0.00070	< 0.0013 UJ	< 0.00072	< 0.00072
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.0011 UJ	< 0.00098 UJ	< 0.024	< 0.0016	< 0.041	< 0.0014	< 0.0025 UJ	< 0.0014	< 0.0014
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00042 UJ	< 0.00037 UJ	< 0.060	< 0.00061	< 0.10	< 0.00052	0.0013 J	< 0.00053	0.00090 J
Vinyl chloride	mg/kg	< 0.00061 UJ	< 0.00054 UJ	< 0.015	< 0.00089	< 0.024	< 0.00075	< 0.0014 UJ	< 0.00077	< 0.00077
General Chemistry										
Cyanide (total)	mg/kg	< 0.67	< 0.60	< 0.35	< 0.94	< 0.57	< 0.81	< 1.5	< 0.82	< 0.82
Moisture	%	73.8	70.5	48.6	82.2	69.1	78.7	88.5	79.3	79.0
Sulfide (Acid Volatile)	umol/g	< 1.5	< 1.3	-	-	80.2	< 1.8	< 3.4	-	-
Total Organic Carbon (TOC)	mg/kg	88800	94900	47600	189000	59100	104000	224000	212000	246000

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-24*	*MB-25*	*MB-26*	*MB-27*	*MB-27*	*MB-27*	*MB-28*	*MB-28*	*MB-28*
	Sample ID:	*T1-17/10/06-SE-MB-24(Surface)*	*T1-17/10/06-SE-MB-25(Surface)*	*T1-17/10/06-SE-MB-26(Surface)*	*T1-19/10/06-SE-MB-27(Mid)*	*T1-19/10/06-SE-MB-27(Refusal)*	*T1-19/10/06-SE-MB-27(Surface)*	*T1-17/10/06-SE-MB-28(Mid)*	*T1-17/10/06-SE-MB-28(Refusal)*	*T1-17/10/06-SE-MB-28(Surface)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	16.5	46.5	39.5	69.0	63.0	57.0	-	49.0	31.0
Grain Size 0.002 mm	% passed	23.5	57.0	50.0	74.0	69.0	62.0	-	53.5	35.0
Grain Size 0.005 mm	% passed	34.0	67.5	62.5	81.0	76.5	71.0	-	59.5	43.0
Grain Size 0.02 mm	% passed	54.0	84.5	70.0	91.0	89.0	85.0	-	78.0	66.0
Grain Size 0.05 mm	% passed	65.5	88.5	79.5	93.0	91.0	89.0	-	79.5	74.0
Grain Size 0.064 mm	% passed	74.5	88.5	79.0	92.5	92.0	91.0	-	74.0	78.5
Grain Size 0.075 mm	% passed	78.0	88.9	77.9	91.9	92.8	91.4	-	71.4	80.6
Grain Size 0.15 mm	% passed	79.9	90.6	80.6	93.1	93.4	93.2	-	75.3	82.1
Grain Size 0.3 mm	% passed	82.3	92.2	84.0	94.0	93.6	94.8	-	79.4	83.9
Grain Size 0.6 mm	% passed	85.4	93.1	88.3	94.6	93.7	96.6	-	84.7	86.5
Grain Size 1.18 mm	% passed	90.0	93.7	92.8	95.1	93.9	99.0	-	94.8	90.8
Grain Size 19 mm	% passed	100	100	100	100	100	100	-	100	100
Grain Size 2.36 mm	% passed	96.1	93.8	95.8	95.3	94.0	99.8	-	99.1	96.1
Grain Size 3.35 mm	% passed	99.4	99.7	99.7	99.6	99.5	99.9	-	99.5	99.4
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	-	100	100
Grain Size 4.75 mm	% passed	99.9	99.9	99.9	99.9	99.9	99.9	-	99.6	99.8
Grain Size 75 mm	% passed	100	100	100	100	100	100	-	100	100
Metals										
Aluminum	mg/kg	28500 J	34600 J	49500 J	30200	28500	26400	41300	31600	40300
Antimony	mg/kg	< 4.09 UJ	< 3.30 UJ	< 5.37 UJ	< 2.29 UJ	< 1.92 UJ	< 2.85 UJ	< 4.20 UJ	< 4.02 UJ	< 4.34 UJ
Arsenic	mg/kg	6.18 J	7.88 J	8.10 J	< 2.31	2.92 J	3.63 J	< 4.24	4.41 J	5.03 J
Barium	mg/kg	81.5 J	114 J	88.2 J	212 J	187 J	135 J	127	176	114
Beryllium	mg/kg	1.28 J	1.57 J	2.47 J	1.69 J	1.92 J	1.44 J	1.55 J	1.31 J	1.70 J
Cadmium	mg/kg	< 0.294	< 0.237	0.564 J	0.347 J	0.270 J	0.341 J	< 0.302	< 0.290	< 0.312
Cadmium	umol/g	0.00315 J	< 0.000528	0.00338 J	-	-	0.000461 J	-	-	0.00152 J
Calcium	mg/kg	6500 J	8660 J	5390 J	8660	5350	7260	8690	10900	7010
Chromium Total	mg/kg	29.2	35.0	380	26.6	27.6	22.8	35.8	27.7	43.3
Chromium VI (Hexavalent)	mg/kg	< 18.1 UJ	< 15.0 UJ	< 9.7 UJ	< 10.3	< 8.5	< 12.6	< 19.0 UJ	47.9 J	104 J
Cobalt	mg/kg	8.65 J	8.69 J	12.2 J	4.64 J	4.51 J	4.06 J	5.26 J	3.54 J	5.64 J
Copper	mg/kg	45.3 J	18.2 J	419 J	21.8 J	17.7 J	18.1 J	18.0 J	15.4 J	38.4
Copper	umol/g	0.176 J	< 0.00549 UJ	0.684 J	-	-	< 0.00564	-	-	0.0422 J
Iron	mg/kg	25900 J	25900 J	31100 J	13800	16300	12100	16800	14600	19100
Lead	mg/kg	31.0	17.8 J	364	16.8 J	19.5 J	13.8 J	16.8 J	12.5 J	26.4
Lead	umol/g	0.297 J	0.0432 J	0.699 J	-	-	0.0334 J	-	-	0.0614
Magnesium	mg/kg	6490 J	8400 J	9580 J	7440	6560	6650	8670	8980	8090
Manganese	mg/kg	217 J	177 J	196 J	137 J	123 J	158 J	153	148	331
Mercury	mg/kg	0.233 J	< 0.0546	0.678	0.0584 J	0.0370 J	0.0651 J	< 0.0491	< 0.0460	< 0.0484
Nickel	mg/kg	19.5 J	26.3	61.7	15.7	14.1	14.0 J	18.6 J	16.8 J	19.6 J
Nickel	umol/g	0.720 J	0.0777 J	0.145 J	-	-	0.157 J	-	-	0.347 J
Potassium	mg/kg	3390 J	5470 J	6240 J	4180 J	4290 J	3770 J	5090	4340	5700
Selenium	mg/kg	< 4.43	< 3.57	< 5.82	< 2.48	< 2.08	< 3.09	< 4.55	< 4.36	< 4.70
Silver	mg/kg	< 0.769	< 0.620	< 3.25	< 0.431	< 0.361	< 0.536	< 0.790	< 0.758	< 0.817
Sodium	mg/kg	8380	8460	12900	5060	3960	6690	7770	8230	8420
Thallium	mg/kg	< 6.02	< 4.85	< 7.90	< 3.37	< 2.82	< 4.20	< 6.18	< 5.93	< 6.39
Vanadium	mg/kg	48.7 J	65.9 J	99.0 J	49.5	50.5	39.1	64.3	56.2	64.4
Zinc	mg/kg	86.8	46.3	392	38.0	48.6	34.7	53.7	38.0	86.9
Zinc	umol/g	1.18 J	0.114 J	2.03 J	-	-	0.0743	-	-	0.497 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-24*	*MB-25*	*MB-26*	*MB-27*	*MB-27*	*MB-27*	*MB-28*	*MB-28*	*MB-28*
Sample ID:		*T1-17/10/06-SE-MB-24(Surface)*	*T1-17/10/06-SE-MB-25(Surface)*	*T1-17/10/06-SE-MB-26(Surface)*	*T1-19/10/06-SE-MB-27(Mid)*	*T1-19/10/06-SE-MB-27(Refusal)*	*T1-19/10/06-SE-MB-27(Surface)*	*T1-17/10/06-SE-MB-28(Mid)*	*T1-17/10/06-SE-MB-28(Refusal)*	*T1-17/10/06-SE-MB-28(Surface)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.015	< 0.012	< 0.10	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Aroclor-1221 (PCB-1221)	mg/kg	< 0.024	< 0.020	< 0.16	< 0.013	< 0.011	< 0.016	< 0.025	< 0.024	< 0.025
Aroclor-1232 (PCB-1232)	mg/kg	< 0.015	< 0.012	< 0.10	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Aroclor-1242 (PCB-1242)	mg/kg	0.10	< 0.012	< 0.10	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Aroclor-1248 (PCB-1248)	mg/kg	< 0.015	< 0.012	< 0.10	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Aroclor-1254 (PCB-1254)	mg/kg	< 0.015	< 0.012	0.17 J	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Aroclor-1260 (PCB-1260)	mg/kg	< 0.015	< 0.012	< 0.10	< 0.0085	< 0.0070	< 0.010	< 0.016	< 0.015	< 0.016
Pesticides										
4,4'-DDD	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016	< 0.0015	< 0.0016
4,4'-DDE	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	0.0012 JN	< 0.0010	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
4,4'-DDT	mg/kg	R	R	R	0.00088 J	< 0.00070 UJ	< 0.0010 UJ	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
Aldrin	mg/kg	< 0.0043	< 0.00071	0.0041 JN	< 0.00049	< 0.00040	< 0.00060	< 0.00090	< 0.00086	< 0.00093
alpha-BHC	mg/kg	< 0.0075	< 0.0012	0.0022 JN	< 0.00085	< 0.00070	< 0.0010	< 0.0016	< 0.0015	< 0.0016
alpha-Chlordane	mg/kg	< 0.0038	< 0.00064	0.0054 JN	< 0.00044	< 0.00036	< 0.00054	< 0.00081 UJ	< 0.00077 UJ	< 0.00083 UJ
beta-BHC	mg/kg	< 0.014	< 0.0023	0.0071 J	< 0.0016	< 0.0013	< 0.0019	< 0.0029	< 0.0028	< 0.0030
delta-BHC	mg/kg	< 0.0038	< 0.00064	0.0017 J	< 0.00044 UJ	< 0.00036 UJ	< 0.00054 UJ	< 0.00081	< 0.00077	< 0.00083
Dieldrin	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
Endosulfan I	mg/kg	< 0.0050	< 0.00083	0.0081 JN	< 0.00057	< 0.00047	< 0.00069	< 0.0010 UJ	< 0.0010 UJ	< 0.0011 UJ
Endosulfan II	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016	< 0.0015	< 0.0016
Endosulfan sulfate	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
Endrin	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
Endrin aldehyde	mg/kg	< 0.0075	< 0.0012	< 0.0020	< 0.00085	< 0.00070	< 0.0010	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
Endrin ketone	mg/kg	< 0.0075 UJ	< 0.0012 UJ	< 0.0020 UJ	< 0.00085 UJ	< 0.00070 UJ	< 0.0010 UJ	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
gamma-BHC (Lindane)	mg/kg	< 0.0038	< 0.00064	< 0.0010	< 0.00044	< 0.00036	< 0.00054	< 0.00081	< 0.00077	< 0.00083
gamma-Chlordane	mg/kg	< 0.023	< 0.0038	< 0.0061	< 0.0026	< 0.0021	< 0.0032	< 0.0047	< 0.0045	< 0.0049
Heptachlor	mg/kg	< 0.0038	< 0.00064	< 0.0010	< 0.00044	< 0.00036	< 0.00054	< 0.00081 UJ	< 0.00077 UJ	< 0.00083 UJ
Heptachlor epoxide	mg/kg	< 0.0038	< 0.00064	0.011 J	< 0.00044	< 0.00036	< 0.00054	< 0.00081 UJ	< 0.00077 UJ	< 0.00083 UJ
Methoxychlor	mg/kg	< 0.038 UJ	< 0.0064 UJ	< 0.010 UJ	< 0.0044 UJ	< 0.0036 UJ	< 0.0054 UJ	< 0.0081 UJ	< 0.0077 UJ	< 0.0083 UJ
Toxaphene	mg/kg	< 0.25	< 0.041	< 0.067	< 0.028	< 0.023	< 0.035	< 0.052	< 0.050	< 0.054
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	490 J	< 37 UJ	360 J	< 26	< 21	< 31	< 47 UJ	< 45 UJ	< 49 UJ
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	63 J	< 37 UJ	78 J	< 26	< 21	< 31	< 47 UJ	< 45 UJ	< 49 UJ
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	140 J	< 37 UJ	75 J	< 26	< 21	< 31	< 47 UJ	< 45 UJ	< 49 UJ
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	690 J	< 37 UJ	520 J	< 26	< 21	< 31	< 47 UJ	< 45 UJ	< 49 UJ
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.039	< 0.033	< 0.053	< 0.022	< 0.018	< 0.027	< 0.041	< 0.039	< 0.042
2,4,5-Trichlorophenol	mg/kg	< 0.042	< 0.035	< 0.057	< 0.024	< 0.020	< 0.029	< 0.044	< 0.042	< 0.046
2,4,6-Trichlorophenol	mg/kg	< 0.039	< 0.033	< 0.053	< 0.022	< 0.018	< 0.027	< 0.041	< 0.039	< 0.042
2,4-Dichlorophenol	mg/kg	< 0.023	< 0.019	< 0.030	< 0.013	< 0.011	< 0.016	< 0.024	< 0.023	< 0.025
2,4-Dimethylphenol	mg/kg	< 0.039	< 0.033	< 0.053	< 0.022	< 0.018	< 0.027	< 0.041	< 0.039	< 0.042
2,4-Dinitrophenol	mg/kg	< 1.2	< 1.0	< 1.6	< 0.69	< 0.57	< 0.84	< 1.3	< 1.2	< 1.3
2,4-Dinitrotoluene	mg/kg	< 0.044	< 0.036	< 0.059	< 0.025	< 0.021	< 0.030	< 0.046	< 0.044	< 0.047
2,6-Dinitrotoluene	mg/kg	< 0.047	< 0.039	< 0.063	< 0.027	< 0.022	< 0.033	< 0.049	< 0.047	< 0.051
2-Chloronaphthalene	mg/kg	< 0.024	< 0.020	< 0.032	< 0.014	< 0.011	< 0.017	< 0.025	< 0.024	< 0.026
2-Chlorophenol	mg/kg	< 0.036	< 0.030	< 0.048	< 0.021	< 0.017	< 0.025	< 0.038	< 0.036	< 0.039

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-24*	*MB-25*	*MB-26*	*MB-27*	*MB-27*	*MB-27*	*MB-28*	*MB-28*	*MB-28*
	Sample ID:	*T1-17/10/06-SE-MB-24(Surface)*	*T1-17/10/06-SE-MB-25(Surface)*	*T1-17/10/06-SE-MB-26(Surface)*	*T1-19/10/06-SE-MB-27(Mid)*	*T1-19/10/06-SE-MB-27(Refusal)*	*T1-19/10/06-SE-MB-27(Surface)*	*T1-17/10/06-SE-MB-28(Mid)*	*T1-17/10/06-SE-MB-28(Refusal)*	*T1-17/10/06-SE-MB-28(Surface)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	10	< 0.003	0.049 J	< 0.002	< 0.001	0.007	< 0.003	< 0.003	0.008
2-Methylphenol	mg/kg	< 0.042	< 0.035	< 0.057	< 0.024	< 0.020	< 0.029	< 0.044	< 0.042	< 0.046
2-Nitroaniline	mg/kg	< 0.041	< 0.034	< 0.055	< 0.023	< 0.019	< 0.028	< 0.043	< 0.041	< 0.044
2-Nitrophenol	mg/kg	< 0.047	< 0.039	< 0.063	< 0.027	< 0.022	< 0.033	< 0.049	< 0.047	< 0.051
3,3'-Dichlorobenzidine	mg/kg	< 0.24	< 0.20	< 0.32	< 0.14	< 0.11	< 0.17	< 0.25	< 0.24	< 0.26
3-Nitroaniline	mg/kg	< 0.18	< 0.15	< 0.24	< 0.10	< 0.085	< 0.13	< 0.19	< 0.18	< 0.20
4,6-Dinitro-2-methylphenol	mg/kg	< 0.15	< 0.13	< 0.20	< 0.086	< 0.071	< 0.11	< 0.16	< 0.15	< 0.16
4-Bromophenyl phenyl ether	mg/kg	< 0.044	< 0.036	< 0.059	< 0.025	< 0.021	< 0.030	< 0.046	< 0.044	< 0.047
4-Chloro-3-methylphenol	mg/kg	< 0.038	< 0.031	< 0.051	< 0.022	< 0.018	< 0.026	< 0.039	< 0.038	< 0.041
4-Chloroaniline	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13
4-Chlorophenyl phenyl ether	mg/kg	< 0.021	< 0.018	< 0.028	< 0.012	< 0.0099	< 0.015	< 0.022	< 0.021	< 0.023
4-Methylphenol	mg/kg	< 0.048	< 0.040	< 0.065	< 0.028	< 0.023	< 0.034	< 0.051	< 0.048	< 0.052
4-Nitroaniline	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13
4-Nitrophenol	mg/kg	< 0.60	< 0.50	< 0.81	< 0.34	< 0.28	< 0.42	< 0.63	< 0.61	< 0.65
Acenaphthene	mg/kg	11	0.004 J	0.035 J	0.003 J	0.002 J	0.019	0.018	0.005 J	0.070
Acenaphthylene	mg/kg	6.3	0.015	3.7 J	0.009	0.007	0.027	0.016	0.012	0.20
Acetophenone	mg/kg	< 0.027	< 0.023	< 0.036	< 0.016	< 0.013	< 0.019	< 0.028	< 0.027	< 0.029
Anthracene	mg/kg	4.4	0.004 J	0.37 J	0.003 J	0.002 J	0.009	0.004 J	0.004 J	0.059
Atrazine	mg/kg	< 0.038	< 0.031	< 0.051	< 0.022	< 0.018	< 0.026	< 0.039	< 0.038	< 0.041
Benzaldehyde	mg/kg	< 0.056	< 0.093	< 0.075	0.037 J	R	R	R	R	R
Benzo(a)anthracene	mg/kg	1.3	0.003 J	0.22 J	0.002 J	0.002 J	0.004 J	< 0.003	< 0.003	0.051
Benzo(a)pyrene	mg/kg	0.87	< 0.003	0.46 J	0.002 J	0.002 J	0.003 J	< 0.003	< 0.003	0.066
Benzo(b)fluoranthene	mg/kg	1.2	0.019	2.4 J	0.004 J	0.004	0.005	< 0.006	0.007 J	0.084
Benzo(g,h,i)perylene	mg/kg	0.22 J	0.007 J	0.25 J	< 0.003	0.004	< 0.003	< 0.005	0.005 J	0.027
Benzo(k)fluoranthene	mg/kg	< 0.005	0.005 J	< 0.003 UJ	< 0.003	< 0.002	< 0.003	< 0.005	< 0.005	< 0.005
Biphenyl	mg/kg	1.3	< 0.023	< 0.036	< 0.016	< 0.013	< 0.019	< 0.028	< 0.027	< 0.029
bis(2-Chloroethoxy)methane	mg/kg	< 0.036	< 0.030	< 0.048	< 0.021	< 0.017	< 0.025	< 0.038	< 0.036	< 0.039
bis(2-Chloroethyl)ether	mg/kg	< 0.12	< 0.098	< 0.16	< 0.067	< 0.055	< 0.082	< 0.12	< 0.12	< 0.13
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.30	< 0.25	1.6	< 0.17	< 0.14	< 0.21	< 0.32	< 0.30	< 0.33
Butyl benzylphthalate	mg/kg	< 0.035	< 0.029	< 0.046	< 0.020	< 0.016	< 0.024	< 0.036	< 0.035	< 0.038
Caprolactam	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13
Carbazole	mg/kg	< 0.023	< 0.019	< 0.030	< 0.013	< 0.011	< 0.016	< 0.024	< 0.023	< 0.025
Chrysene	mg/kg	2.1	0.007	0.46 J	0.002 J	0.002 J	0.004 J	0.005 J	0.003 J	0.080
Dibenz(a,h)anthracene	mg/kg	0.078	< 0.004	0.081 J	< 0.003	< 0.002	< 0.003	< 0.005	< 0.005	0.009
Dibenzofuran	mg/kg	< 0.024	< 0.020	< 0.032	< 0.014	< 0.011	< 0.017	< 0.025	< 0.024	< 0.026
Diethyl phthalate	mg/kg	< 0.021	< 0.018	< 0.028	< 0.012	< 0.0099	< 0.015	< 0.022	< 0.021	< 0.023
Dimethyl phthalate	mg/kg	< 0.017	< 0.014	< 0.022	< 0.0095	< 0.0078	< 0.012	< 0.017	< 0.017	< 0.018
Di-n-butylphthalate	mg/kg	< 0.029	< 0.024	< 0.038	< 0.016	0.015 J	0.022 J	< 0.030	< 0.029	< 0.031
Di-n-octyl phthalate	mg/kg	< 0.021	0.17 J	< 0.028	< 0.012	< 0.0099	< 0.015	< 0.022	< 0.021	< 0.023
Fluoranthene	mg/kg	4.7	0.020	0.37 J	0.009	0.013	0.016	0.014	0.020	0.11
Fluorene	mg/kg	0.90	0.007	0.18 J	0.003 J	0.004	0.014	0.009	0.010	0.034
Hexachlorobenzene	mg/kg	< 0.033	< 0.028	< 0.044	< 0.019	< 0.016	< 0.023	< 0.035	< 0.033	< 0.036
Hexachlorobutadiene	mg/kg	< 0.11	< 0.089	< 0.14	< 0.061	< 0.050	< 0.075	< 0.11	< 0.11	< 0.12
Hexachlorocyclopentadiene	mg/kg	< 0.48 UJ	< 0.40 UJ	< 0.65 UJ	< 0.28	< 0.23	< 0.34	< 0.51 UJ	< 0.48 UJ	< 0.52 UJ
Hexachloroethane	mg/kg	< 0.077	< 0.064	< 0.10	< 0.044	< 0.036	< 0.054	< 0.081	< 0.077	< 0.083
Indeno(1,2,3-cd)pyrene	mg/kg	0.17 J	0.005 J	0.28 J	< 0.003	0.003 J	< 0.003	< 0.005	< 0.005	0.027
Isophorone	mg/kg	< 0.050	< 0.041	< 0.067	< 0.028	< 0.023	< 0.035	< 0.052	< 0.050	< 0.054
Naphthalene	mg/kg	5.6	< 0.004	0.045 J	< 0.003	< 0.002	0.012	< 0.005	< 0.005	< 0.005
Nitrobenzene	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-24*	*MB-25*	*MB-26*	*MB-27*	*MB-27*	*MB-27*	*MB-28*	*MB-28*	*MB-28*
	Sample ID:	*T1-17/10/06-SE-MB-24(Surface)*	*T1-17/10/06-SE-MB-25(Surface)*	*T1-17/10/06-SE-MB-26(Surface)*	*T1-19/10/06-SE-MB-27(Mid)*	*T1-19/10/06-SE-MB-27(Refusal)*	*T1-19/10/06-SE-MB-27(Surface)*	*T1-17/10/06-SE-MB-28(Mid)*	*T1-17/10/06-SE-MB-28(Refusal)*	*T1-17/10/06-SE-MB-28(Surface)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13
N-Nitrosodiphenylamine	mg/kg	< 0.039	< 0.033	< 0.053	< 0.022	< 0.018	< 0.027	< 0.041	< 0.039	< 0.042
Pentachlorophenol	mg/kg	< 0.60	< 0.50	< 0.81	< 0.34	< 0.28	< 0.42	< 0.63	< 0.61	< 0.65
Phenanthrene	mg/kg	14	0.015	0.20 J	0.007	0.005	0.022	0.014	0.023	0.056
Phenol	mg/kg	< 0.12	< 0.10	< 0.16	< 0.069	< 0.057	< 0.084	< 0.13	< 0.12	< 0.13
Pyrene	mg/kg	9.1	0.016	0.76 J	0.006	0.013	0.015	0.009	0.012	0.15
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.0020	< 0.00034	< 0.00054	< 0.00023 UJ	< 0.00019 UJ	< 0.00028 UJ	< 0.00043 UJ	< 0.00040 UJ	< 0.00044 UJ
1,1,2,2-Tetrachloroethane	mg/kg	< 0.0052	< 0.00087	< 0.0014 UJ	< 0.00059 UJ	< 0.00048 UJ	< 0.00073 UJ	R	R	< 0.0011 UJ
1,1,2-Trichloroethane	mg/kg	< 0.0061	< 0.0010	< 0.0016 UJ	< 0.00070 UJ	< 0.00057 UJ	< 0.00085 UJ	< 0.0013 UJ	< 0.0012 UJ	< 0.0013 UJ
1,1-Dichloroethane	mg/kg	< 0.0023	< 0.00038	< 0.00060	< 0.00026 UJ	< 0.00021 UJ	< 0.00032 UJ	< 0.00047 UJ	< 0.00045 UJ	< 0.00049 UJ
1,1-Dichloroethene	mg/kg	< 0.0088	< 0.0015	< 0.0024	< 0.0010 UJ	< 0.00082 UJ	< 0.0012 UJ	< 0.0018 UJ	< 0.0018 UJ	< 0.0019 UJ
1,2,4-Trichlorobenzene	mg/kg	< 0.0041	< 0.00068	< 0.0011 UJ	< 0.00047 UJ	< 0.00038 UJ	< 0.00057 UJ	R	R	< 0.00088 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.0045	< 0.00076	< 0.0012 UJ	< 0.00052 UJ	< 0.00042 UJ	< 0.00063 UJ	R	R	< 0.00097 UJ
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.0029	< 0.00049	< 0.00078 UJ	< 0.00034 UJ	< 0.00027 UJ	< 0.00041 UJ	< 0.00061 UJ	< 0.00059 UJ	< 0.00063 UJ
1,2-Dichlorobenzene	mg/kg	< 0.0020	< 0.00034	0.00058 J	< 0.00023 UJ	< 0.00019 UJ	< 0.00028 UJ	R	R	0.00055 J
1,2-Dichloroethane	mg/kg	< 0.0034	< 0.00057	< 0.00090	< 0.00039 UJ	< 0.00032 UJ	< 0.00047 UJ	< 0.00071 UJ	< 0.00068 UJ	< 0.00073 UJ
1,2-Dichloropropane	mg/kg	< 0.0038	< 0.00065	< 0.0010	< 0.00044 UJ	< 0.00036 UJ	< 0.00054 UJ	< 0.00080 UJ	< 0.00076 UJ	< 0.00083 UJ
1,3-Dichlorobenzene	mg/kg	< 0.0027	< 0.00045	< 0.00072 UJ	< 0.00031 UJ	< 0.00025 UJ	< 0.00038 UJ	R	R	< 0.00058 UJ
1,4-Dichlorobenzene	mg/kg	< 0.0036	< 0.00061	< 0.00096 UJ	< 0.00041 UJ	< 0.00034 UJ	< 0.00050 UJ	R	R	< 0.00078 UJ
2-Butanone (Methyl Ethyl Ketone)	mg/kg	0.047 J	< 0.0078	< 0.021	< 0.0042 UJ	< 0.0026 UJ	< 0.0074 UJ	< 0.011 UJ	< 0.0094 UJ	< 0.018 UJ
2-Hexanone	mg/kg	< 0.019	< 0.0031	< 0.0049 UJ	< 0.0021 UJ	< 0.0017 UJ	< 0.0026 UJ	< 0.0039 UJ	< 0.0037 UJ	< 0.0040 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.0088	< 0.0015	< 0.0024 UJ	< 0.0010 UJ	< 0.00082 UJ	< 0.0012 UJ	< 0.0018 UJ	< 0.0018 UJ	< 0.0019 UJ
Acetone	mg/kg	0.29 J	< 0.068 UJ	0.15 J	< 0.057 UJ	< 0.023 UJ	< 0.077 UJ	0.12 J	0.083 J	0.12 J
Benzene	mg/kg	0.0072 J	< 0.00038	< 0.00060	< 0.00026 UJ	< 0.00021 UJ	< 0.00032 UJ	< 0.00047 UJ	< 0.00045 UJ	< 0.00049 UJ
Bromodichloromethane	mg/kg	< 0.0018	< 0.00030	< 0.00048	< 0.00021 UJ	< 0.00017 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00036 UJ	< 0.00039 UJ
Bromoform	mg/kg	< 0.0027	< 0.00045	< 0.00072 UJ	< 0.00031 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00057 UJ	< 0.00054 UJ	< 0.00058 UJ
Bromomethane (Methyl Bromide)	mg/kg	< 0.0057	< 0.00095	< 0.0015	< 0.00065 UJ	< 0.00053 UJ	< 0.00079 UJ	< 0.0012 UJ	< 0.0011 UJ	< 0.0012 UJ
Carbon disulfide	mg/kg	0.078 J	0.0066 J	< 0.0079	0.0041 J	0.0028 J	0.0039 J	0.010 J	0.014 J	0.0080 J
Carbon tetrachloride	mg/kg	< 0.0032	< 0.00053	< 0.00084	< 0.00036 UJ	< 0.00030 UJ	< 0.00044 UJ	< 0.00066 UJ	< 0.00063 UJ	< 0.00068 UJ
Chlorobenzene	mg/kg	< 0.0025	< 0.00042	< 0.00066 UJ	< 0.00028 UJ	< 0.00023 UJ	< 0.00035 UJ	< 0.00052 UJ	< 0.00050 UJ	< 0.00053 UJ
Chloroethane	mg/kg	< 0.0029	< 0.00049	< 0.00078	< 0.00034 UJ	< 0.00027 UJ	< 0.00041 UJ	< 0.00061 UJ	< 0.00059 UJ	< 0.00063 UJ
Chloroform (Trichloromethane)	mg/kg	0.0035 J	< 0.00045	< 0.00072	< 0.00031 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00057 UJ	< 0.00054 UJ	< 0.00058 UJ
Chloromethane (Methyl Chloride)	mg/kg	< 0.0075	< 0.0013	< 0.0020	< 0.00085 UJ	< 0.00069 UJ	< 0.0010 UJ	< 0.0016 UJ	< 0.0015 UJ	< 0.0016 UJ
cis-1,2-Dichloroethene	mg/kg	< 0.0043	< 0.00072	< 0.0011	< 0.00049 UJ	< 0.00040 UJ	< 0.00060 UJ	< 0.00090 UJ	< 0.00085 UJ	< 0.00092 UJ
cis-1,3-Dichloropropene	mg/kg	< 0.0036	< 0.00061	< 0.00096	< 0.00041 UJ	< 0.00034 UJ	< 0.00050 UJ	< 0.00075 UJ	< 0.00072 UJ	< 0.00078 UJ
Cyclohexane	mg/kg	0.0098 J	< 0.00030	< 0.00048	< 0.00021 UJ	< 0.00040 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00036 UJ	< 0.00039 UJ
Dibromochloromethane	mg/kg	< 0.0011	< 0.00019	< 0.00030 UJ	< 0.00013 UJ	< 0.00011 UJ	< 0.00016 UJ	< 0.00024 UJ	< 0.00023 UJ	< 0.00025 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.0027	< 0.00045	< 0.00072	< 0.00031 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00057 UJ	< 0.00054 UJ	< 0.00058 UJ
Ethylbenzene	mg/kg	0.56	< 0.00023	< 0.00056 UJ	< 0.00016 UJ	< 0.00013 UJ	< 0.00021 UJ	< 0.00028 UJ	< 0.00027 UJ	< 0.00035 UJ
Isopropylbenzene	mg/kg	0.74	< 0.00023	0.00082 J	< 0.00016 UJ	< 0.00013 UJ	< 0.00019 UJ	< 0.00028 UJ	< 0.00027 UJ	0.00042 J
m&p-Xylene	mg/kg	0.68	< 0.00065	< 0.0011 UJ	< 0.00044 UJ	< 0.00036 UJ	< 0.00055 UJ	< 0.00080 UJ	< 0.00076 UJ	< 0.0012 UJ
Methyl acetate	mg/kg	< 0.014	< 0.0023	< 0.0036	< 0.0016 UJ	< 0.0013 UJ	< 0.0019 UJ	< 0.0028 UJ	< 0.0027 UJ	< 0.0029 UJ
Methyl cyclohexane	mg/kg	< 0.0025	< 0.00042	< 0.00066	< 0.00028 UJ	< 0.00023 UJ	< 0.00035 UJ	< 0.00052 UJ	< 0.00050 UJ	< 0.00053 UJ
Methyl Tert Butyl Ether	mg/kg	< 0.0048	< 0.00080	< 0.0013	0.0012 J	0.00078 J	< 0.00066 UJ	0.0048 J	0.0081 J	0.0025 J
Methylene chloride	mg/kg	< 0.0054	< 0.00091	< 0.0014	< 0.00062 UJ	< 0.00051 UJ	< 0.00076 UJ	< 0.0011 UJ	< 0.0011 UJ	< 0.0012 UJ
o-Xylene	mg/kg	0.45	< 0.0059	0.011 J	< 0.00044 UJ	< 0.00036 UJ	0.0050 J	< 0.0078 UJ	< 0.0073 UJ	< 0.0083 UJ
Styrene	mg/kg	< 0.0023	< 0.00038	< 0.00060 UJ	< 0.00026 UJ	< 0.00021 UJ	< 0.00032 UJ	< 0.00047 UJ	< 0.00045 UJ	< 0.00049 UJ

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Sample Location:		*MB-24*	*MB-25*	*MB-26*	*MB-27*	*MB-27*	*MB-27*	*MB-28*	*MB-28*	*MB-28*
Sample ID:		*T1-17/10/06-SE-MB-24(Surface)*	*T1-17/10/06-SE-MB-25(Surface)*	*T1-17/10/06-SE-MB-26(Surface)*	*T1-19/10/06-SE-MB-27(Mid)*	*T1-19/10/06-SE-MB-27(Refusal)*	*T1-19/10/06-SE-MB-27(Surface)*	*T1-17/10/06-SE-MB-28(Mid)*	*T1-17/10/06-SE-MB-28(Refusal)*	*T1-17/10/06-SE-MB-28(Surface)*
Sample Date:		*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.0014	< 0.00023	< 0.00036 UJ	< 0.00016 UJ	< 0.00013 UJ	< 0.00019 UJ	< 0.00028 UJ	< 0.00027 UJ	< 0.00029 UJ
Toluene	mg/kg	0.015 J	< 0.00030	< 0.0014 UJ	< 0.00085 UJ	< 0.0010 UJ	< 0.0015 UJ	< 0.0011 UJ	< 0.0011 UJ	< 0.0014 UJ
trans-1,2-Dichloroethene	mg/kg	< 0.0027	< 0.00045	< 0.00072	< 0.00031 UJ	< 0.00025 UJ	< 0.00038 UJ	< 0.00057 UJ	< 0.00054 UJ	< 0.00058 UJ
trans-1,3-Dichloropropene	mg/kg	< 0.0029	< 0.00049	< 0.00078 UJ	< 0.00034 UJ	< 0.00027 UJ	< 0.00041 UJ	< 0.00061 UJ	< 0.00059 UJ	< 0.00063 UJ
Trichloroethene	mg/kg	< 0.0034	< 0.00057	< 0.00090 UJ	< 0.00039 UJ	< 0.00032 UJ	< 0.00047 UJ	< 0.00071 UJ	< 0.00068 UJ	< 0.00073 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.0066	< 0.0011	< 0.0017	< 0.00075 UJ	< 0.00061 UJ	< 0.00091 UJ	< 0.0014 UJ	< 0.0013 UJ	< 0.0014 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.0025	< 0.00042	< 0.00066	< 0.00028 UJ	< 0.00023 UJ	< 0.00035 UJ	< 0.00052 UJ	< 0.00050 UJ	< 0.00056
Vinyl chloride	mg/kg	< 0.0036	< 0.00061	< 0.00096	< 0.00041 UJ	< 0.00034 UJ	< 0.00050 UJ	< 0.00075 UJ	< 0.00072 UJ	< 0.00078 UJ
General Chemistry										
Cyanide (total)	mg/kg	< 0.80	< 0.67	< 1.0	< 0.46	< 0.36	< 0.56	< 0.89	< 0.84	< 0.83
Moisture	%	77.9	73.4	83.5	61.3	52.9	68.3	78.9	78.0	79.6
Sulfide (Acid Volatile)	umol/g	8.5 J	< 1.5	5.2 J	-	-	< 1.2	-	-	< 1.9
Total Organic Carbon (TOC)	mg/kg	149000	32500	164000	101000	52900	156000	211000	10400	151000

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-29*	*MB-30*	*MB-31*	*MB-32*	*MB-33*	*MB-34*	*MB-35*	*SLC-1*
	Sample ID:	*T1-17/10/06-SE-MB-29(Surface)*	*T1-17/10/06-SE-MB-30(Surface)*	*T1-17/10/06-SE-MB-31(Surface)*	*T1-17/10/06-SE-MB-32(Surface)*	*T1-17/10/06-SE-MB-33(Surface)*	*T1-17/10/06-SE-MB-34(Surface)*	*T1-17/10/06-SE-MB-35(Surface)*	*T1-12/10/06-SE-SLC-1(Mid)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/12/2006*
Parameters	*Units*								
Geotech									
Grain Size 0.001 mm	% passed	17.5	42.0	52.0	< 0.50	62.0	-	55.0	2.0
Grain Size 0.002 mm	% passed	19.5	49.0	61.0	< 0.50	67.5	-	62.5	2.0
Grain Size 0.005 mm	% passed	26.0	60.0	70.0	< 0.50	77.0	-	68.0	2.0
Grain Size 0.02 mm	% passed	43.0	74.0	82.0	< 0.50	93.0	-	81.0	3.5
Grain Size 0.05 mm	% passed	66.5	84.0	89.0	< 0.50	95.5	-	89.0	7.0
Grain Size 0.064 mm	% passed	78.5	88.0	92.0	< 0.50	95.5	-	92.0	11.0
Grain Size 0.075 mm	% passed	83.3	89.7	93.3	93.5	95.8	-	93.1	12.3
Grain Size 0.15 mm	% passed	85.0	90.7	94.0	94.7	96.5	-	94.2	15.3
Grain Size 0.3 mm	% passed	87.1	92.3	94.6	95.8	97.1	-	95.5	37.2
Grain Size 0.6 mm	% passed	89.9	94.6	95.6	96.7	97.7	-	96.7	77.7
Grain Size 1.18 mm	% passed	95.3	97.1	96.1	97.5	98.2	-	97.8	94.5
Grain Size 19 mm	% passed	100	100	100	100	100	-	100	100
Grain Size 2.36 mm	% passed	96.8	97.9	96.4	97.8	98.3	-	98.2	95.6
Grain Size 3.35 mm	% passed	99.2	99.5	99.6	99.8	99.8	-	99.8	97.9
Grain Size 37.5 mm	% passed	100	100	100	100	100	-	100	100
Grain Size 4.75 mm	% passed	99.6	99.8	99.8	100	99.9	-	99.9	99.2
Grain Size 75 mm	% passed	100	100	100	100	100	-	100	100
Metals									
Aluminum	mg/kg	30400 J	31600	28800 J	44700	32700 J	35200	34000 J	1390
Antimony	mg/kg	< 4.63 UJ	< 2.52 UJ	< 2.40 UJ	< 2.35 UJ	< 2.00 UJ	< 6.22 UJ	< 2.48 UJ	< 1.06
Arsenic	mg/kg	6.41 J	4.17 J	4.50 J	6.17 J	4.37 J	< 6.28	3.70 J	< 1.07
Barium	mg/kg	95.6 J	94.7	121 J	119	96.0 J	94.3	99.5 J	7.88
Beryllium	mg/kg	1.47 J	1.56 J	1.79 J	1.95 J	1.87 J	1.70 J	2.08 J	0.110 J
Cadmium	mg/kg	< 0.333	< 0.181	< 0.173	< 0.169	< 0.144	< 0.448	< 0.179	< 0.0761
Cadmium	umol/g	0.00155 J	< 0.000415	0.000841 J	0.000835 J	< 0.000321	< 0.000996	0.000800 J	-
Calcium	mg/kg	6740 J	5530	4130 J	4780	4490 J	7910	5070 J	155
Chromium Total	mg/kg	40.9	31.2	32.9	39.8	36.0	54.3	33.2	2.07 J
Chromium VI (Hexavalent)	mg/kg	< 20.5 UJ	< 11.5 UJ	< 10.8 UJ	< 10.4 UJ	< 9.2 UJ	< 28.4 UJ	< 11.2 UJ	< 0.61
Cobalt	mg/kg	6.89 J	4.39 J	6.00 J	5.84 J	5.60 J	6.47 J	4.71 J	0.655 J
Copper	mg/kg	54.1 J	16.7	11.9 J	21.3	14.4 J	47.6	18.9 J	1.15 J
Copper	umol/g	0.0308 J	< 0.00203	< 0.00208 UJ	0.0121 J	< 0.00266 UJ	0.0206 J	< 0.00546 UJ	-
Iron	mg/kg	21000 J	17700	21000 J	23100	20800 J	18900	20500 J	1900
Lead	mg/kg	29.8	17.8	18.9	21.3	20.3	29.7 J	19.2	2.86 J
Lead	umol/g	0.122 J	0.0324	0.0542 J	0.0657	0.0561 J	0.0791	0.0449 J	-
Magnesium	mg/kg	8540 J	8050	7680 J	8590	7840 J	9630	7570 J	426
Manganese	mg/kg	322 J	128	145 J	195	96.4 J	150	144 J	24.9
Mercury	mg/kg	0.191 J	< 0.0295	< 0.0615	< 0.0267	< 0.0517	< 0.0736	< 0.0471	< 0.0124
Nickel	mg/kg	19.3 J	18.4	18.5	23.4	17.8	22.2 J	18.4	1.23 J
Nickel	umol/g	0.117 J	0.0606 J	0.170 J	0.222 J	0.0503 J	0.0631 J	0.264 J	-
Potassium	mg/kg	5240 J	5440	5260 J	6450	5330 J	5170	4820 J	275
Selenium	mg/kg	< 5.02	< 2.73	< 2.61	< 2.55	< 2.17	< 6.74	< 2.69	< 1.15
Silver	mg/kg	< 0.872	< 0.474	< 0.452	< 0.443	< 0.377	< 1.17	< 0.467	< 0.199
Sodium	mg/kg	11800	8990	5770	7550	7270	19300	9020	1080
Thallium	mg/kg	< 6.82	< 3.71	< 3.54	< 3.46	< 2.95	< 9.16	< 3.65	< 1.56
Vanadium	mg/kg	54.8 J	60.9	62.4 J	75.3	67.1 J	64.2	64.7 J	3.53 J
Zinc	mg/kg	103	51.4	68.1	56.0	54.9	67.2	49.2	5.34 J
Zinc	umol/g	1.17 J	0.120 J	0.339 J	0.216 J	0.132 J	0.403 J	0.138 J	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-29*	*MB-30*	*MB-31*	*MB-32*	*MB-33*	*MB-34*	*MB-35*	*SLC-1*
	Sample ID:	*T1-17/10/06-SE-MB-29(Surface)*	*T1-17/10/06-SE-MB-30(Surface)*	*T1-17/10/06-SE-MB-31(Surface)*	*T1-17/10/06-SE-MB-32(Surface)*	*T1-17/10/06-SE-MB-33(Surface)*	*T1-17/10/06-SE-MB-34(Surface)*	*T1-17/10/06-SE-MB-35(Surface)*	*T1-12/10/06-SE-SLC-1(Mid)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/12/2006*
Parameters	*Units*								
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	mg/kg	< 0.017	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Aroclor-1221 (PCB-1221)	mg/kg	< 0.027	< 0.015	< 0.014	< 0.014	< 0.012	< 0.037	< 0.015	< 0.0063
Aroclor-1232 (PCB-1232)	mg/kg	< 0.017	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Aroclor-1242 (PCB-1242)	mg/kg	< 0.017	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Aroclor-1248 (PCB-1248)	mg/kg	< 0.017	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Aroclor-1254 (PCB-1254)	mg/kg	0.026 J	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Aroclor-1260 (PCB-1260)	mg/kg	< 0.017	< 0.0095	< 0.0089	< 0.0086	< 0.0076	< 0.023	< 0.0092	< 0.0040
Pesticides									
4,4'-DDD	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086	< 0.00076	< 0.0023	< 0.00092	< 0.00040
4,4'-DDE	mg/kg	< 0.0017	< 0.00095	0.0012 JN	< 0.00086 UJ	< 0.00076	< 0.0023 UJ	< 0.00092	< 0.00040
4,4'-DDT	mg/kg	R	< 0.00095 UJ	R	< 0.00086 UJ	R	< 0.0023 UJ	R	< 0.00040 UJ
Aldrin	mg/kg	< 0.00097	< 0.00055	< 0.00051	< 0.00049	< 0.00044	< 0.0013	< 0.00053	< 0.00023
alpha-BHC	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086	< 0.00076	< 0.0023	< 0.00092	< 0.00040
alpha-Chlordane	mg/kg	< 0.00087	< 0.00049	< 0.00046	< 0.00044 UJ	< 0.00039	< 0.0012 UJ	< 0.00048	< 0.00021
beta-BHC	mg/kg	< 0.0031	< 0.0018	< 0.0016	< 0.0016	< 0.0014	< 0.0043	< 0.0017	< 0.00074
delta-BHC	mg/kg	< 0.00087	< 0.00049	< 0.00046	< 0.00044	< 0.00039	< 0.0012	< 0.00048	< 0.00021
Dieldrin	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086 UJ	< 0.00076	< 0.0023 UJ	< 0.00092	< 0.00040
Endosulfan I	mg/kg	< 0.0011	< 0.00063	< 0.00059	< 0.00057 UJ	< 0.00051	< 0.0016 UJ	< 0.00062	< 0.00027
Endosulfan II	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086	< 0.00076	< 0.0023	< 0.00092	< 0.00040
Endosulfan sulfate	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086 UJ	< 0.00076	< 0.0023 UJ	< 0.00092	< 0.00040
Endrin	mg/kg	< 0.0017	< 0.00095	< 0.00089	< 0.00086 UJ	< 0.00076	< 0.0023 UJ	< 0.00092	< 0.00040
Endrin aldehyde	mg/kg	< 0.0017 UJ	< 0.00095	< 0.00089	< 0.00086 UJ	< 0.00076	< 0.0023 UJ	< 0.00092	< 0.00040
Endrin ketone	mg/kg	< 0.0017 UJ	< 0.00095	< 0.00089 UJ	< 0.00086 UJ	< 0.00076 UJ	< 0.0023 UJ	< 0.00092 UJ	< 0.00040
gamma-BHC (Lindane)	mg/kg	< 0.00087	< 0.00049	< 0.00046	< 0.00044	< 0.00039	< 0.0012	< 0.00048	< 0.00021
gamma-Chlordane	mg/kg	< 0.0051	< 0.0029	< 0.0027	< 0.0026	< 0.0023	< 0.0071	< 0.0028	< 0.0012
Heptachlor	mg/kg	< 0.00087 UJ	< 0.00049	< 0.00046	< 0.00044 UJ	< 0.00039	< 0.0012 UJ	< 0.00048	< 0.00021
Heptachlor epoxide	mg/kg	< 0.00087	< 0.00049	< 0.00046	< 0.00044 UJ	< 0.00039	< 0.0012 UJ	< 0.00048	< 0.00021
Methoxychlor	mg/kg	< 0.0087 UJ	< 0.0049	< 0.0046 UJ	< 0.0044 UJ	< 0.0039 UJ	< 0.012 UJ	< 0.0048 UJ	< 0.0021 UJ
Toxaphene	mg/kg	< 0.056	< 0.032	< 0.030	< 0.029	< 0.025	< 0.078	< 0.031	< 0.013
Petroleum Products									
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 51 UJ	< 29 UJ	< 27 UJ	< 26 UJ	< 23	< 71	< 28	< 12
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 51 UJ	< 29 UJ	< 27 UJ	< 26 UJ	< 23	< 71	< 28	< 12
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 51 UJ	< 29 UJ	< 27 UJ	< 26 UJ	< 23	< 71	< 28	< 12
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 51 UJ	< 29 UJ	< 27 UJ	< 26 UJ	< 23	< 71	< 28	< 12
Semi-Volatile Organic Compounds									
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.044	< 0.025	< 0.023	< 0.023	< 0.020	< 0.061	< 0.024	< 0.011
2,4,5-Trichlorophenol	mg/kg	< 0.048	< 0.027	< 0.025	< 0.024	< 0.022	< 0.066	< 0.026	< 0.011
2,4,6-Trichlorophenol	mg/kg	< 0.044	< 0.025	< 0.023	< 0.023	< 0.020	< 0.061	< 0.024	< 0.011
2,4-Dichlorophenol	mg/kg	< 0.026	< 0.014	< 0.013	< 0.013	< 0.012	< 0.035	< 0.014	< 0.0061
2,4-Dimethylphenol	mg/kg	< 0.044	< 0.025	< 0.023	< 0.023	< 0.020	< 0.061	< 0.024	< 0.011
2,4-Dinitrophenol	mg/kg	< 1.4	< 0.77	< 0.72	< 0.69	< 0.61	< 1.9	< 0.75	< 0.32
2,4-Dinitrotoluene	mg/kg	< 0.050	< 0.028	< 0.026	< 0.025	< 0.022	< 0.069	< 0.027	< 0.012
2,6-Dinitrotoluene	mg/kg	< 0.053	< 0.030	< 0.028	< 0.027	< 0.024	< 0.073	< 0.029	< 0.013
2-Chloronaphthalene	mg/kg	< 0.027	< 0.015	< 0.014	< 0.014	< 0.012	< 0.038	< 0.015	< 0.0065
2-Chlorophenol	mg/kg	< 0.041	< 0.023	< 0.022	< 0.021	< 0.018	< 0.057	< 0.022	< 0.0097

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-29*	*MB-30*	*MB-31*	*MB-32*	*MB-33*	*MB-34*	*MB-35*	*SLC-1*
	Sample ID:	*T1-17/10/06-SE-MB-29(Surface)*	*T1-17/10/06-SE-MB-30(Surface)*	*T1-17/10/06-SE-MB-31(Surface)*	*T1-17/10/06-SE-MB-32(Surface)*	*T1-17/10/06-SE-MB-33(Surface)*	*T1-17/10/06-SE-MB-34(Surface)*	*T1-17/10/06-SE-MB-35(Surface)*	*T1-12/10/06-SE-SLC-1(Mid)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/12/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
2-Methylnaphthalene	mg/kg	0.017	< 0.002	< 0.0009 UJ	< 0.002	< 0.0008	< 0.005	< 0.002	< 0.0008
2-Methylphenol	mg/kg	< 0.048	< 0.027	< 0.025	< 0.024	< 0.022	< 0.066	< 0.026	< 0.011
2-Nitroaniline	mg/kg	< 0.046	< 0.026	< 0.024	< 0.023	< 0.021	< 0.064	< 0.025	< 0.011
2-Nitrophenol	mg/kg	< 0.053	< 0.030	< 0.028	< 0.027	< 0.024	< 0.073	< 0.029	< 0.013
3,3'-Dichlorobenzidine	mg/kg	< 0.27	< 0.15	< 0.14	< 0.14	< 0.12	< 0.38	< 0.15	< 0.065
3-Nitroaniline	mg/kg	< 0.21	< 0.11	< 0.11	< 0.10	< 0.092	< 0.28	< 0.11	< 0.049
4,6-Dinitro-2-methylphenol	mg/kg	< 0.17	< 0.096	< 0.090	< 0.087	< 0.077	< 0.24	< 0.093	< 0.041
4-Bromophenyl phenyl ether	mg/kg	< 0.050	< 0.028	< 0.026	< 0.025	< 0.022	< 0.069	< 0.027	< 0.012
4-Chloro-3-methylphenol	mg/kg	< 0.043	< 0.024	< 0.022	< 0.022	< 0.019	< 0.059	< 0.023	< 0.010
4-Chloroaniline	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032
4-Chlorophenyl phenyl ether	mg/kg	< 0.024	< 0.013	< 0.013	< 0.012	< 0.011	< 0.033	< 0.013	< 0.0057
4-Methylphenol	mg/kg	< 0.055	< 0.031	< 0.029	< 0.028	< 0.025	< 0.076	< 0.030	< 0.013
4-Nitroaniline	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032
4-Nitrophenol	mg/kg	< 0.68	< 0.38	< 0.36	< 0.35	< 0.31	< 0.95	< 0.37	< 0.16
Acenaphthene	mg/kg	0.11 J	0.003 J	< 0.0009 UJ	0.007	< 0.0008	0.011 J	< 0.002	< 0.0008
Acenaphthylene	mg/kg	0.62 J	0.012	0.002 J	0.024	0.001 J	0.033	0.006	0.012
Acetophenone	mg/kg	< 0.031	< 0.017	< 0.016	< 0.016	< 0.014	< 0.043	< 0.017	< 0.0073
Anthracene	mg/kg	0.23 J	0.007	0.001 J	0.013	0.0007 J	0.013	0.002 J	0.002
Atrazine	mg/kg	< 0.043	< 0.024	< 0.022	< 0.022	< 0.019	< 0.059	< 0.023	< 0.010
Benzaldehyde	mg/kg	< 0.063	R	< 0.033	R	< 0.045	R	< 0.035	R
Benzo(a)anthracene	mg/kg	0.20	0.004 J	0.001 J	0.009	< 0.0008	0.008 J	< 0.002	0.007
Benzo(a)pyrene	mg/kg	0.21	0.003 J	< 0.0009 UJ	0.008 J	< 0.0008	0.007 J	< 0.002	0.006
Benzo(b)fluoranthene	mg/kg	0.28 J	0.005	0.003 J	0.011	0.003	0.014	0.010	0.007
Benzo(g,h,i)perylene	mg/kg	0.15 J	0.006	0.002 J	0.007	< 0.001	< 0.007	0.005 J	0.003
Benzo(k)fluoranthene	mg/kg	< 0.005	< 0.003	< 0.001 UJ	< 0.003	< 0.001	< 0.007	0.003 J	0.003
Biphenyl	mg/kg	0.52 J	< 0.017	< 0.016	< 0.016	< 0.014	< 0.043	< 0.017	< 0.0073
bis(2-Chloroethoxy)methane	mg/kg	< 0.041	< 0.023	< 0.022	< 0.021	< 0.018	< 0.057	< 0.022	< 0.0097
bis(2-Chloroethyl)ether	mg/kg	< 0.13	< 0.075	< 0.070	< 0.068	< 0.060	< 0.18	< 0.073	< 0.032
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.34	< 0.19	< 0.18	< 0.17	< 0.15	< 0.47	< 0.19	< 0.081
Butyl benzylphthalate	mg/kg	< 0.039	< 0.022	< 0.021	< 0.020	< 0.018	< 0.054	< 0.021	< 0.0093
Caprolactam	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032
Carbazole	mg/kg	< 0.026	< 0.014	< 0.013	< 0.013	< 0.012	< 0.035	< 0.014	< 0.0061
Chrysene	mg/kg	0.26	0.004 J	0.001 J	0.009	0.0008 J	0.009 J	0.003 J	0.008
Dibenz(a,h)anthracene	mg/kg	0.031	< 0.003	< 0.001 UJ	< 0.003	< 0.001	< 0.007	< 0.003	< 0.001
Dibenzofuran	mg/kg	< 0.027	< 0.015	< 0.014	< 0.014	< 0.012	< 0.038	< 0.015	< 0.0065
Diethyl phthalate	mg/kg	< 0.024	< 0.013	< 0.013	< 0.012	< 0.011	< 0.033	< 0.013	< 0.0057
Dimethyl phthalate	mg/kg	< 0.019	< 0.011	< 0.0099	< 0.0095	< 0.0084	< 0.026	< 0.010	< 0.0045
Di-n-butylphthalate	mg/kg	< 0.032	< 0.018	< 0.017	< 0.016	< 0.015	< 0.045	< 0.018	< 0.0077
Di-n-octyl phthalate	mg/kg	< 0.024	< 0.013	< 0.013	< 0.012	< 0.011	< 0.033	< 0.013	< 0.0057
Fluoranthene	mg/kg	0.35 J	0.015	0.010 J	0.021	0.009	0.014	0.019	0.010
Fluorene	mg/kg	0.049	0.008	0.002 J	0.012	0.001 J	0.011 J	0.003 J	< 0.0008
Hexachlorobenzene	mg/kg	< 0.038	< 0.021	< 0.020	< 0.019	< 0.017	< 0.052	< 0.021	< 0.0089
Hexachlorobutadiene	mg/kg	< 0.12	< 0.068	< 0.064	< 0.062	< 0.055	< 0.17	< 0.066	< 0.029
Hexachlorocyclopentadiene	mg/kg	< 0.55 UJ	< 0.31 UJ	< 0.29 UJ	< 0.28 UJ	< 0.25 UJ	< 0.76 UJ	< 0.30 UJ	< 0.13
Hexachloroethane	mg/kg	< 0.087	< 0.049	< 0.046	< 0.044	< 0.039	< 0.12	< 0.048	< 0.021
Indeno(1,2,3-cd)pyrene	mg/kg	0.090 J	< 0.003	< 0.001 UJ	0.003 J	< 0.001	< 0.007	0.003 J	0.003
Isophorone	mg/kg	< 0.056	< 0.032	< 0.030	< 0.029	< 0.025	< 0.078	< 0.031	< 0.013
Naphthalene	mg/kg	0.037	< 0.003	< 0.001 UJ	< 0.003	< 0.001	< 0.007	< 0.003	< 0.001
Nitrobenzene	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-29*	*MB-30*	*MB-31*	*MB-32*	*MB-33*	*MB-34*	*MB-35*	*SLC-1*
	Sample ID:	*T1-17/10/06-SE-MB-29(Surface)*	*T1-17/10/06-SE-MB-30(Surface)*	*T1-17/10/06-SE-MB-31(Surface)*	*T1-17/10/06-SE-MB-32(Surface)*	*T1-17/10/06-SE-MB-33(Surface)*	*T1-17/10/06-SE-MB-34(Surface)*	*T1-17/10/06-SE-MB-35(Surface)*	*T1-12/10/06-SE-SLC-1(Mid)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/12/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
N-Nitrosodi-n-propylamine	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032
N-Nitrosodiphenylamine	mg/kg	< 0.044	< 0.025	< 0.023	< 0.023	< 0.020	< 0.061	< 0.024	< 0.011
Pentachlorophenol	mg/kg	< 0.68	< 0.38	< 0.36	< 0.35	< 0.31	< 0.95	< 0.37	< 0.16
Phenanthrene	mg/kg	0.63 J	0.023	0.004 J	0.038	0.003	0.015	0.012	0.006
Phenol	mg/kg	< 0.14	< 0.077	< 0.072	< 0.069	< 0.061	< 0.19	< 0.075	< 0.032
Pyrene	mg/kg	0.70	0.017	0.007 J	0.035	0.008	0.028	0.016	0.016
Volatile Organic Compounds									
1,1,1-Trichloroethane	mg/kg	< 0.00046 UJ	< 0.00026 UJ	< 0.00024	< 0.00023 UJ	< 0.00021 UJ	< 0.00064 UJ	< 0.00025 UJ	< 0.00011
1,1,2,2-Tetrachloroethane	mg/kg	< 0.0012 UJ	R	< 0.00062	< 0.00060 UJ	R	R	< 0.00064 UJ	< 0.00028
1,1,2-Trichloroethane	mg/kg	< 0.0014 UJ	< 0.00078 UJ	< 0.00072	< 0.00070 UJ	< 0.00062 UJ	< 0.0019 UJ	< 0.00075 UJ	< 0.00033
1,1-Dichloroethane	mg/kg	< 0.00051 UJ	< 0.00029 UJ	< 0.00027	< 0.00026 UJ	< 0.00023 UJ	< 0.00071 UJ	< 0.00028 UJ	< 0.00012
1,1-Dichloroethene	mg/kg	< 0.0020 UJ	< 0.0011 UJ	< 0.0010	< 0.0010 UJ	< 0.00089 UJ	< 0.0028 UJ	< 0.0011 UJ	< 0.00048
1,2,4-Trichlorobenzene	mg/kg	< 0.00092 UJ	R	< 0.00048	< 0.00047 UJ	R	R	< 0.00050 UJ	< 0.00022
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.0010 UJ	R	< 0.00053	< 0.00052 UJ	R	R	< 0.00055 UJ	< 0.00025
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00066 UJ	< 0.00038 UJ	< 0.00035	< 0.00034 UJ	< 0.00030 UJ	< 0.00091 UJ	< 0.00036 UJ	< 0.00016
1,2-Dichlorobenzene	mg/kg	< 0.00046 UJ	R	< 0.00024	< 0.00023 UJ	R	R	< 0.00025 UJ	< 0.00011
1,2-Dichloroethane	mg/kg	< 0.00076 UJ	< 0.00043 UJ	< 0.00040	< 0.00039 UJ	< 0.00034 UJ	< 0.0011 UJ	< 0.00042 UJ	< 0.00019
1,2-Dichloropropane	mg/kg	< 0.00087 UJ	< 0.00049 UJ	< 0.00045	< 0.00044 UJ	0.00062 J	< 0.0012 UJ	0.00058 J	< 0.00021
1,3-Dichlorobenzene	mg/kg	< 0.00061 UJ	R	< 0.00032	< 0.00031 UJ	R	R	< 0.00033 UJ	< 0.00015
1,4-Dichlorobenzene	mg/kg	< 0.00082 UJ	R	< 0.00043	< 0.00041 UJ	R	R	< 0.00045 UJ	< 0.00020
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.015 UJ	< 0.0077 UJ	< 0.0033	< 0.0069 UJ	< 0.0078 UJ	< 0.027 UJ	< 0.0060 UJ	< 0.0015
2-Hexanone	mg/kg	< 0.0042 UJ	< 0.0024 UJ	< 0.0022	< 0.0021 UJ	< 0.0019 UJ	< 0.0058 UJ	< 0.0023 UJ	< 0.0010
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone	mg/kg	< 0.0020 UJ	< 0.0011 UJ	< 0.0010	< 0.0010 UJ	< 0.00089 UJ	< 0.0028 UJ	< 0.0011 UJ	< 0.00048
Acetone	mg/kg	0.11 J	0.072 J	< 0.037 UJ	0.080 J	0.079 J	0.18 J	< 0.040 UJ	R
Benzene	mg/kg	< 0.00051 UJ	< 0.00029 UJ	< 0.00027	< 0.00026 UJ	< 0.00023 UJ	< 0.00071 UJ	< 0.00028 UJ	< 0.00012
Bromodichloromethane	mg/kg	< 0.00041 UJ	< 0.00023 UJ	< 0.00022	< 0.00021 UJ	< 0.00018 UJ	< 0.00057 UJ	< 0.00022 UJ	< 0.0001
Bromoform	mg/kg	< 0.00061 UJ	< 0.00035 UJ	< 0.00032	< 0.00031 UJ	< 0.00027 UJ	< 0.00085 UJ	< 0.00033 UJ	< 0.00015
Bromomethane (Methyl Bromide)	mg/kg	< 0.0013 UJ	< 0.00072 UJ	< 0.00067	< 0.00065 UJ	< 0.00057 UJ	< 0.0018 UJ	< 0.00069 UJ	< 0.00031
Carbon disulfide	mg/kg	0.010 J	0.019 J	0.0079 J	0.0074 J	0.015 J	0.022 J	0.0069 J	< 0.00030
Carbon tetrachloride	mg/kg	< 0.00071 UJ	< 0.00041 UJ	< 0.00037	< 0.00036 UJ	< 0.00032 UJ	< 0.00099 UJ	< 0.00039 UJ	< 0.00017
Chlorobenzene	mg/kg	< 0.00056 UJ	< 0.00032 UJ	< 0.00030	< 0.00029 UJ	< 0.00025 UJ	< 0.00078 UJ	< 0.00031 UJ	< 0.00014
Chloroethane	mg/kg	< 0.00066 UJ	< 0.00038 UJ	< 0.00035	< 0.00034 UJ	< 0.00030 UJ	< 0.00091 UJ	< 0.00036 UJ	< 0.00016
Chloroform (Trichloromethane)	mg/kg	< 0.00061 UJ	< 0.00035 UJ	< 0.00032	< 0.00031 UJ	< 0.00027 UJ	< 0.00085 UJ	< 0.00033 UJ	< 0.00015
Chloromethane (Methyl Chloride)	mg/kg	< 0.0017 UJ	< 0.00095 UJ	< 0.00088	< 0.00086 UJ	< 0.00075 UJ	< 0.0023 UJ	< 0.00092 UJ	< 0.00041
cis-1,2-Dichloroethene	mg/kg	< 0.00097 UJ	< 0.00055 UJ	< 0.00051	< 0.00049 UJ	< 0.00043 UJ	< 0.0013 UJ	< 0.00053 UJ	< 0.00023
cis-1,3-Dichloropropene	mg/kg	< 0.00082 UJ	< 0.00046 UJ	< 0.00043	< 0.00041 UJ	< 0.00037 UJ	< 0.0011 UJ	< 0.00045 UJ	< 0.00020
Cyclohexane	mg/kg	0.00053 J	0.00026 J	< 0.00022	< 0.00021 UJ	< 0.00018 UJ	< 0.00057 UJ	< 0.00022 UJ	< 0.0001 UJ
Dibromochloromethane	mg/kg	< 0.00026 UJ	< 0.00014 UJ	< 0.00013	< 0.00013 UJ	< 0.00012 UJ	< 0.00035 UJ	< 0.00014 UJ	< 0.00006
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00061 UJ	< 0.00035 UJ	< 0.00032	< 0.00031 UJ	< 0.00027 UJ	< 0.00085 UJ	< 0.00033 UJ	< 0.00015
Ethylbenzene	mg/kg	< 0.00031 UJ	< 0.00017 UJ	< 0.00016	< 0.00016 UJ	< 0.00039 UJ	< 0.00043 UJ	< 0.00017 UJ	< 0.00007
Isopropylbenzene	mg/kg	< 0.00031 UJ	< 0.00017 UJ	< 0.00016	< 0.00016 UJ	< 0.00014 UJ	< 0.00043 UJ	< 0.00017 UJ	< 0.00007
m&p-Xylene	mg/kg	< 0.00087 UJ	< 0.00049 UJ	< 0.00045	< 0.00044 UJ	< 0.00039 UJ	< 0.0012 UJ	< 0.00047 UJ	< 0.00021
Methyl acetate	mg/kg	< 0.0031 UJ	< 0.0017 UJ	< 0.0016	< 0.0016 UJ	< 0.0014 UJ	< 0.0042 UJ	< 0.0017 UJ	< 0.00074
Methyl cyclohexane	mg/kg	< 0.00056 UJ	< 0.00032 UJ	< 0.00030	< 0.00029 UJ	< 0.00025 UJ	< 0.00078 UJ	< 0.00031 UJ	< 0.00014 UJ
Methyl Tert Butyl Ether	mg/kg	0.0015 J	0.0011 J	< 0.00056	< 0.00054 UJ	< 0.00048 UJ	0.0016 J	< 0.00058 UJ	< 0.00026
Methylene chloride	mg/kg	< 0.0012 UJ	< 0.00069 UJ	< 0.00064	< 0.00062 UJ	< 0.00075 UJ	< 0.0017 UJ	< 0.00067 UJ	0.0047 J
o-Xylene	mg/kg	0.0083 J	< 0.00049 UJ	< 0.00045	< 0.00044 UJ	< 0.0035 UJ	0.011 J	< 0.0042 UJ	< 0.00021
Styrene	mg/kg	< 0.00051 UJ	< 0.00029 UJ	< 0.00027	< 0.00026 UJ	< 0.00023 UJ	< 0.00071 UJ	< 0.00028 UJ	< 0.00012

TABLE 2B

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REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*MB-29*	*MB-30*	*MB-31*	*MB-32*	*MB-33*	*MB-34*	*MB-35*	*SLC-1*
	Sample ID:	*T1-17/10/06-SE-MB-29(Surface)*	*T1-17/10/06-SE-MB-30(Surface)*	*T1-17/10/06-SE-MB-31(Surface)*	*T1-17/10/06-SE-MB-32(Surface)*	*T1-17/10/06-SE-MB-33(Surface)*	*T1-17/10/06-SE-MB-34(Surface)*	*T1-17/10/06-SE-MB-35(Surface)*	*T1-12/10/06-SE-SLC-1(Mid)*
	Sample Date:	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/17/2006*	*10/12/2006*
Parameters	*Units*								
Volatiles (Cont'd.)									
Tetrachloroethene	mg/kg	< 0.00031 UJ	< 0.00017 UJ	< 0.00016	< 0.00016 UJ	< 0.00014 UJ	< 0.00043 UJ	< 0.00017 UJ	< 0.00007
Toluene	mg/kg	< 0.0015 UJ	< 0.00085 UJ	< 0.00022	< 0.00045 UJ	< 0.00021 UJ	< 0.0018 UJ	< 0.00022 UJ	< 0.00014
trans-1,2-Dichloroethene	mg/kg	< 0.00061 UJ	< 0.00035 UJ	< 0.00032	< 0.00031 UJ	< 0.00027 UJ	< 0.00085 UJ	< 0.00033 UJ	< 0.00015
trans-1,3-Dichloropropene	mg/kg	< 0.00066 UJ	< 0.00038 UJ	< 0.00035	< 0.00034 UJ	< 0.00030 UJ	< 0.00091 UJ	< 0.00036 UJ	< 0.00016
Trichloroethene	mg/kg	< 0.00076 UJ	< 0.00043 UJ	< 0.00040	< 0.00039 UJ	< 0.00034 UJ	< 0.0011 UJ	< 0.00042 UJ	< 0.00019
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.0015 UJ	< 0.00084 UJ	< 0.00078	< 0.00075 UJ	< 0.00066 UJ	< 0.0020 UJ	< 0.00081 UJ	< 0.00036
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00056 UJ	< 0.00032 UJ	< 0.00030	< 0.00044 UJ	< 0.00025 UJ	< 0.00078 UJ	0.00090 J	< 0.00014 UJ
Vinyl chloride	mg/kg	< 0.00082 UJ	< 0.00046 UJ	< 0.00043	< 0.00041 UJ	< 0.00037 UJ	< 0.0011 UJ	< 0.00045 UJ	< 0.00020
General Chemistry									
Cyanide (total)	mg/kg	< 0.91	< 0.50	< 0.48	< 0.46	< 0.40	< 1.2	< 0.50	< 0.30
Moisture	%	80.5	65.2	62.8	61.6	56.6	85.9	64.3	17.9
Sulfide (Acid Volatile)	umol/g	11.3	< 1.1	< 1.0	< 1.0	< 0.90	< 2.8	< 1.1	-
Total Organic Carbon (TOC)	mg/kg	122000	122000	24800	65600	42300	210000	33000	5950

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-1*	*SLC-1*	*SLC-2*	*SLC-2*	*SLC-2*	*SLC-3*	*SLC-3*	*SLC-3*	*SLC-4*
	Sample ID:	*T1-12/10/06-SE-SLC-1(Refusal)*	*T1-12/10/06-SE-SLC-1(Surface)*	*T1-12/10/06-SE-SLC-2(Mid)*	*T1-12/10/06-SE-SLC-2(Refusal)*	*T1-12/10/06-SE-SLC-2(Surface)*	*T1-19/10/06-SE-SLC-3(Mid)*	*T1-19/10/06-SE-SLC-3(Refusal)*	*T1-19/10/06-SE-SLC-3(Surface)*	*T1-13/10/06-SE-SLC-4(Mid)*
	Sample Date:	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	2.0	< 0.50	34.0	41.5	30.0	42.0	41.0	41.0	38.0
Grain Size 0.002 mm	% passed	2.0	< 0.50	40.0	46.0	35.0	48.0	50.5	49.0	43.0
Grain Size 0.005 mm	% passed	2.0	< 0.50	47.5	56.5	41.0	54.0	61.0	57.0	54.0
Grain Size 0.02 mm	% passed	3.0	< 0.50	63.5	71.5	65.0	69.0	81.0	76.0	71.0
Grain Size 0.05 mm	% passed	5.0	1.0	76.0	82.0	82.0	83.5	91.0	88.0	85.0
Grain Size 0.064 mm	% passed	7.0	2.0	79.0	85.0	88.0	90.0	94.5	91.0	89.0
Grain Size 0.075 mm	% passed	8.7	2.4	81.1	86.8	91.2	93.2	96.2	92.7	90.9
Grain Size 0.15 mm	% passed	15.0	3.8	82.1	88.7	92.9	95.3	97.5	94.7	93.2
Grain Size 0.3 mm	% passed	40.0	18.4	82.4	89.1	94.0	95.9	97.7	95.8	95.4
Grain Size 0.6 mm	% passed	78.1	68.1	82.7	89.2	95.1	96.3	98.0	96.8	96.1
Grain Size 1.18 mm	% passed	95.6	97.7	82.7	89.3	96.1	96.5	98.1	97.4	96.4
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	96.8	99.7	82.8	89.3	96.7	96.6	98.4	98.0	96.4
Grain Size 3.35 mm	% passed	98.5	99.9	95.2	98.5	99.2	99.5	99.7	99.6	99.8
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	99.2	99.9	99.5	99.9	99.5	99.9	99.9	99.8	100
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	3200	636	32000	26900	27900	21400	20100	22500	31200
Antimony	mg/kg	< 1.12	< 1.05	< 2.62	< 2.22	< 2.75	< 1.70 UJ	< 1.78 UJ	< 2.16 UJ	< 2.42 UJ
Arsenic	mg/kg	1.45 J	< 1.06	10.9 J	9.32 J	7.73 J	27.2	10.8	7.02 J	9.62 J
Barium	mg/kg	13.9	11.4	164	132	147	66.5 J	62.2 J	117 J	172
Beryllium	mg/kg	0.206 J	< 0.0791	1.82 J	1.63 J	1.75 J	1.33 J	1.49 J	1.34 J	1.62 J
Cadmium	mg/kg	< 0.0806	< 0.0756	< 0.189	< 0.160	< 0.198	0.455 J	0.473 J	0.507 J	< 0.174
Cadmium	umol/g	-	0.000254 J	-	-	0.00231 J	-	-	0.00156 J	-
Calcium	mg/kg	362	161	3430	7630	4360	1610	1640	2820	3940
Chromium Total	mg/kg	4.20 J	1.24 J	41.8	49.1	39.9	24.3	21.9	30.1	40.9
Chromium VI (Hexavalent)	mg/kg	< 0.63	< 0.60	< 5.9	< 5.0	< 6.3	< 0.79	< 0.80	< 1.2	< 1.1
Cobalt	mg/kg	1.68 J	0.312 J	13.0 J	11.6 J	8.12 J	34.9 J	16.4 J	10.5 J	12.1 J
Copper	mg/kg	2.94 J	< 0.519	32.8	89.0	43.2	11.6 J	10.9 J	30.7 J	38.4
Copper	umol/g	-	0.0466	-	-	0.290	-	-	0.0482 J	-
Iron	mg/kg	3800	681	32200	28600	26300	32100	32000	23700	29000
Lead	mg/kg	4.57 J	9.49	40.1	47.8	35.6	17.9 J	16.8 J	24.8 J	37.5
Lead	umol/g	-	0.0102	-	-	0.0921	-	-	0.0517 J	-
Magnesium	mg/kg	847	222	7810	7690	7580	6210	6370	6430	7180
Manganese	mg/kg	76.0	18.6	1090	849	427	146 J	173 J	343 J	1040
Mercury	mg/kg	< 0.0126	< 0.0125	< 0.0978	< 0.228	< 0.290	0.0286 J	0.0303 J	0.0672 J	< 0.138
Nickel	mg/kg	2.48 J	< 0.705	24.2	22.9	17.8	48.5	33.7	20.1	22.5
Nickel	umol/g	-	0.353 J	-	-	0.138 J	-	-	0.0701 J	-
Potassium	mg/kg	597	124	5180	4240	4930	4740 J	4570 J	4880 J	5120 J
Selenium	mg/kg	< 1.21	< 1.14	< 2.84	< 2.41	< 2.98	< 1.85	< 1.93	< 2.34	< 2.62
Silver	mg/kg	< 0.211	< 0.198	< 0.494	< 0.418	< 0.517	< 0.321	< 0.335	0.423 J	0.599 J
Sodium	mg/kg	1360	961	5700	4880	7460	3930	4000	5180	4360
Thallium	mg/kg	< 1.65	< 1.55	< 3.86	< 3.27	< 4.05	< 2.51	< 2.62	< 3.18	< 3.56
Vanadium	mg/kg	6.96	1.50 J	65.5	55.1	52.2	40.9	37.9	46.5	63.4
Zinc	mg/kg	11.1	2.30 J	117	123	106	60.8	92.2	87.5	110 J
Zinc	umol/g	-	0.0231 J	-	-	0.879 J	-	-	0.336	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-1*	*SLC-1*	*SLC-2*	*SLC-2*	*SLC-2*	*SLC-3*	*SLC-3*	*SLC-3*	*SLC-4*
	Sample ID:	*T1-12/10/06-SE-SLC-1(Refusal)*	*T1-12/10/06-SE-SLC-1(Surface)*	*T1-12/10/06-SE-SLC-2(Mid)*	*T1-12/10/06-SE-SLC-2(Refusal)*	*T1-12/10/06-SE-SLC-2(Surface)*	*T1-19/10/06-SE-SLC-3(Mid)*	*T1-19/10/06-SE-SLC-3(Refusal)*	*T1-19/10/06-SE-SLC-3(Surface)*	*T1-13/10/06-SE-SLC-4(Mid)*
	Sample Date:	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0042	< 0.0040	< 0.0097	< 0.0083	< 0.010	< 0.0065	< 0.0066	< 0.0080	< 0.0089
Aroclor-1221 (PCB-1221)	mg/kg	< 0.0066	< 0.0062	< 0.015	< 0.013	< 0.016	< 0.010	< 0.010	< 0.013	< 0.014
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0042	< 0.0040	< 0.0097	< 0.0083	< 0.010	< 0.0065	< 0.0066	< 0.0080	< 0.0089
Aroclor-1242 (PCB-1242)	mg/kg	< 0.0042	< 0.0040	< 0.0097	< 0.0083	< 0.010	< 0.0065	< 0.0066	< 0.0080	< 0.0089
Aroclor-1248 (PCB-1248)	mg/kg	< 0.0042	< 0.0040	0.019 J	0.059	0.054	< 0.0065	< 0.0066	0.024 J	0.022 J
Aroclor-1254 (PCB-1254)	mg/kg	< 0.0042	< 0.0040	< 0.0097	0.045	< 0.010	< 0.0065	< 0.0066	< 0.0080	0.029 J
Aroclor-1260 (PCB-1260)	mg/kg	< 0.0042	< 0.0040	< 0.0097	0.014 J	< 0.010	< 0.0065	< 0.0066	< 0.0080	0.015 J
Pesticides										
4,4'-DDD	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
4,4'-DDE	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
4,4'-DDT	mg/kg	< 0.00042 UJ	< 0.00040 UJ	< 0.0048 UJ	< 0.0041 UJ	< 0.0052 UJ	< 0.00065 UJ	< 0.00066 UJ	< 0.00080 UJ	< 0.0045 UJ
Aldrin	mg/kg	< 0.00024	< 0.00023	< 0.0028	< 0.0024	< 0.0030	< 0.00038	< 0.00038	< 0.00046	< 0.0026
alpha-BHC	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
alpha-Chlordane	mg/kg	< 0.00021	< 0.00020	< 0.0025	< 0.0021	< 0.0027	< 0.00034	< 0.00034	< 0.00095	< 0.0023
beta-BHC	mg/kg	< 0.00077	< 0.00073	< 0.0089	< 0.0076	< 0.0097	< 0.0012	< 0.0012	< 0.0015	< 0.0082
delta-BHC	mg/kg	< 0.00021	< 0.00020	< 0.0025	< 0.0021	< 0.0027	< 0.00034 UJ	< 0.00034 UJ	< 0.00041 UJ	< 0.0023
Dieldrin	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
Endosulfan I	mg/kg	< 0.00028	< 0.00026	< 0.0032	< 0.0028	< 0.0035	< 0.00044	< 0.00044	< 0.00054	< 0.0030
Endosulfan II	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
Endosulfan sulfate	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
Endrin	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
Endrin aldehyde	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065	< 0.00066	< 0.00080	< 0.0045
Endrin ketone	mg/kg	< 0.00042	< 0.00040	< 0.0048	< 0.0041	< 0.0052	< 0.00065 UJ	< 0.00066 UJ	< 0.00080 UJ	< 0.0045
gamma-BHC (Lindane)	mg/kg	< 0.00021	< 0.00020	< 0.0025	< 0.0021	< 0.0027	< 0.00034	< 0.00034	< 0.00041	< 0.0023
gamma-Chlordane	mg/kg	< 0.0013	< 0.0012	< 0.015	< 0.013	< 0.016	< 0.0020	< 0.0020	< 0.0024	< 0.014
Heptachlor	mg/kg	< 0.00021	< 0.00020	< 0.0025	< 0.0021	< 0.0027	< 0.00034	< 0.00034	< 0.00041	< 0.0023
Heptachlor epoxide	mg/kg	< 0.00021	< 0.00020	< 0.0025	< 0.0021	< 0.0027	< 0.00034	< 0.00034	< 0.0010	< 0.0023
Methoxychlor	mg/kg	< 0.0021 UJ	< 0.0020 UJ	< 0.025 UJ	< 0.021 UJ	< 0.027 UJ	< 0.0034 UJ	< 0.0034 UJ	< 0.0041 UJ	< 0.023
Toxaphene	mg/kg	< 0.014	< 0.013	< 0.16	< 0.14	< 0.17	< 0.022	< 0.022	< 0.027	< 0.15
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 13	< 12	< 29 UJ	< 25	< 32	< 20	< 20	< 24	< 27
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 13	< 12	< 29 UJ	< 25	< 32	< 20	< 20	< 24	< 27
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 13	< 12	< 29 UJ	< 25	< 32	< 20	< 20	< 24	< 27
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 13	< 12	< 29 UJ	< 25	< 32	< 20	< 20	< 24	< 27
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.011	< 0.010	< 0.025	< 0.022	< 0.027	< 0.017	< 0.017	< 0.021	< 0.023
2,4,5-Trichlorophenol	mg/kg	< 0.012	< 0.011	< 0.027	< 0.023	< 0.030	< 0.018	< 0.019	< 0.023	< 0.025
2,4,6-Trichlorophenol	mg/kg	< 0.011	< 0.010	< 0.025	< 0.022	< 0.027	< 0.017	< 0.017	< 0.021	< 0.023
2,4-Dichlorophenol	mg/kg	< 0.0063	< 0.0060	< 0.015	< 0.013	< 0.016	< 0.0099	< 0.010	< 0.012	< 0.014
2,4-Dimethylphenol	mg/kg	< 0.011	< 0.010	< 0.025	< 0.022	< 0.027	< 0.017	< 0.017	< 0.021	< 0.023
2,4-Dinitrophenol	mg/kg	< 0.34	< 0.32	< 0.78	< 0.67	< 0.84	< 0.53	< 0.54	< 0.65	< 0.72
2,4-Dinitrotoluene	mg/kg	< 0.012	< 0.012	< 0.028	< 0.024	< 0.031	< 0.019	< 0.019	< 0.024	< 0.026
2,6-Dinitrotoluene	mg/kg	< 0.013	< 0.012	< 0.030	< 0.026	< 0.033	< 0.020	< 0.021	< 0.025	< 0.028
2-Chloronaphthalene	mg/kg	< 0.0067	< 0.0064	< 0.016	< 0.013	< 0.017	< 0.011	< 0.011	< 0.013	< 0.014
2-Chlorophenol	mg/kg	< 0.010	< 0.0096	< 0.023	< 0.020	< 0.025	< 0.016	< 0.016	< 0.020	< 0.022

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-1*	*SLC-1*	*SLC-2*	*SLC-2*	*SLC-2*	*SLC-3*	*SLC-3*	*SLC-3*	*SLC-4*
	Sample ID:	*T1-12/10/06-SE-SLC-1(Refusal)*	*T1-12/10/06-SE-SLC-1(Surface)*	*T1-12/10/06-SE-SLC-2(Mid)*	*T1-12/10/06-SE-SLC-2(Refusal)*	*T1-12/10/06-SE-SLC-2(Surface)*	*T1-19/10/06-SE-SLC-3(Mid)*	*T1-19/10/06-SE-SLC-3(Refusal)*	*T1-19/10/06-SE-SLC-3(Surface)*	*T1-13/10/06-SE-SLC-4(Mid)*
	Sample Date:	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	< 0.0008	< 0.0008	< 0.002	0.012	0.012	< 0.001	< 0.001	0.034	0.012
2-Methylphenol	mg/kg	< 0.012	< 0.011	< 0.027	< 0.023	< 0.030	< 0.018	< 0.019	< 0.023	< 0.025
2-Nitroaniline	mg/kg	< 0.011	< 0.011	< 0.026	< 0.023	< 0.028	< 0.018	< 0.018	< 0.022	< 0.024
2-Nitrophenol	mg/kg	< 0.013	< 0.012	< 0.030	< 0.026	< 0.033	< 0.020	< 0.021	< 0.025	< 0.028
3,3'-Dichlorobenzidine	mg/kg	< 0.067	< 0.064	< 0.16	< 0.13	< 0.17	< 0.11	< 0.11	< 0.13	< 0.14
3-Nitroaniline	mg/kg	< 0.051	< 0.048	< 0.12	< 0.10	< 0.13	< 0.079	< 0.080	< 0.098	< 0.11
4,6-Dinitro-2-methylphenol	mg/kg	< 0.042	< 0.040	< 0.098	< 0.084	< 0.11	< 0.066	< 0.067	< 0.081	< 0.090
4-Bromophenyl phenyl ether	mg/kg	< 0.012	< 0.012	< 0.028	< 0.024	< 0.031	< 0.019	< 0.019	< 0.024	< 0.026
4-Chloro-3-methylphenol	mg/kg	< 0.011	< 0.010	< 0.024	< 0.021	< 0.026	< 0.017	< 0.017	< 0.020	< 0.023
4-Chloroaniline	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072
4-Chlorophenyl phenyl ether	mg/kg	< 0.0059	< 0.0056	< 0.014	< 0.012	< 0.015	< 0.0092	< 0.0094	< 0.011	< 0.013
4-Methylphenol	mg/kg	< 0.013	< 0.013	< 0.031	< 0.027	< 0.034	< 0.021	< 0.021	< 0.026	< 0.029
4-Nitroaniline	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072
4-Nitrophenol	mg/kg	< 0.17	< 0.16	< 0.39	< 0.33	< 0.42	< 0.26	< 0.27	< 0.33	< 0.36
Acenaphthene	mg/kg	0.002 J	< 0.0008	0.014	0.028	0.036	< 0.001	< 0.001	0.051	0.047
Acenaphthylene	mg/kg	0.022	0.002	0.19	0.37	0.47	0.005	0.001 J	0.42	0.33
Acetophenone	mg/kg	< 0.0076	< 0.0072	< 0.018	< 0.015	0.028 J	< 0.012	< 0.012	< 0.015	< 0.016
Anthracene	mg/kg	0.006	0.0005 J	0.045	0.081	0.12	0.002 J	0.0009 J	0.11	0.11
Atrazine	mg/kg	< 0.011	< 0.010	< 0.024	< 0.021	< 0.026	< 0.017	< 0.017	< 0.020	< 0.023
Benzaldehyde	mg/kg	R	R	R	R	R	R	R	0.047 J	R
Benzo(a)anthracene	mg/kg	0.009	0.0009 J	0.067	0.15	0.12	0.002 J	< 0.001	0.11	0.18
Benzo(a)pyrene	mg/kg	0.009	< 0.0008	0.068	0.15	0.15	0.002 J	0.003 J	0.13	0.20
Benzo(b)fluoranthene	mg/kg	0.013	< 0.002	0.081	0.22	0.16	< 0.003	< 0.003	0.14	0.36
Benzo(g,h,i)perylene	mg/kg	0.004	< 0.001	0.031	0.079	0.068	0.002 J	0.005	0.074	0.10
Benzo(k)fluoranthene	mg/kg	0.003	< 0.001	0.021	0.058	0.041	< 0.002	0.003	0.032	0.063
Biphenyl	mg/kg	< 0.0076	< 0.0072	< 0.018	0.017 J	< 0.019	< 0.012	< 0.012	< 0.015	< 0.016
bis(2-Chloroethoxy)methane	mg/kg	< 0.010	< 0.0096	< 0.023	< 0.020	< 0.025	< 0.016	< 0.016	< 0.020	< 0.022
bis(2-Chloroethyl)ether	mg/kg	< 0.033	< 0.031	< 0.076	< 0.065	< 0.082	< 0.051	< 0.052	< 0.063	< 0.070
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.084	< 0.080	< 0.20	< 0.17	< 0.21	< 0.13	< 0.13	< 0.16	< 0.18
Butyl benzylphthalate	mg/kg	< 0.0097	< 0.0092	< 0.022	< 0.019	< 0.024	< 0.015	< 0.015	< 0.019	< 0.021
Caprolactam	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072
Carbazole	mg/kg	< 0.0063	< 0.0060	< 0.015	< 0.013	< 0.016	< 0.0099	< 0.010	< 0.012	< 0.014
Chrysene	mg/kg	0.012	0.001 J	0.088	0.21	0.17	0.001 J	0.003 J	0.11	0.17
Dibenz(a,h)anthracene	mg/kg	0.001 J	< 0.001	0.012	0.031	0.022	< 0.002	0.010	0.021	0.039
Dibenzofuran	mg/kg	< 0.0067	< 0.0064	< 0.016	< 0.013	< 0.017	< 0.011	< 0.011	< 0.013	< 0.014
Diethyl phthalate	mg/kg	< 0.0059	0.0072 J	< 0.014	< 0.012	< 0.015	< 0.0092	< 0.0094	< 0.011	< 0.013
Dimethyl phthalate	mg/kg	< 0.0046	< 0.0044	< 0.011	< 0.0092	< 0.012	< 0.0073	< 0.0074	< 0.0089	< 0.0099
Di-n-butylphthalate	mg/kg	< 0.0080	0.0080 J	< 0.019	< 0.016	< 0.020	0.016 J	< 0.013	< 0.015	0.28 J
Di-n-octyl phthalate	mg/kg	< 0.0059	< 0.0056	< 0.014	< 0.012	< 0.015	< 0.0092	< 0.0094	< 0.011	< 0.013
Fluoranthene	mg/kg	0.017	0.002 J	0.10	0.28	0.21	0.004	0.003 J	0.16	0.29
Fluorene	mg/kg	0.002 J	< 0.0008	0.011	0.032	0.023	< 0.001	< 0.001	0.082	0.076
Hexachlorobenzene	mg/kg	< 0.0093	< 0.0088	< 0.022	< 0.018	< 0.023	< 0.015	< 0.015	< 0.018	< 0.020
Hexachlorobutadiene	mg/kg	< 0.030	< 0.028	< 0.069	< 0.059	< 0.075	< 0.047	< 0.048	< 0.058	< 0.064
Hexachlorocyclopentadiene	mg/kg	< 0.13	< 0.13	< 0.31	< 0.27	< 0.34	< 0.21	< 0.21	< 0.26	< 0.29
Hexachloroethane	mg/kg	< 0.021	< 0.020	< 0.050	< 0.043	< 0.054	< 0.034	< 0.034	< 0.041	< 0.046
Indeno(1,2,3-cd)pyrene	mg/kg	0.004	< 0.001	0.032	0.092	0.070	< 0.002	0.004	0.079	0.18
Isophorone	mg/kg	< 0.014	< 0.013	< 0.032	< 0.028	< 0.035	< 0.022	< 0.022	< 0.027	< 0.030
Naphthalene	mg/kg	< 0.001	< 0.001	< 0.003	< 0.003	0.014	< 0.002	< 0.002	0.035	< 0.003
Nitrobenzene	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-1*	*SLC-1*	*SLC-2*	*SLC-2*	*SLC-2*	*SLC-3*	*SLC-3*	*SLC-3*	*SLC-4*
	Sample ID:	*T1-12/10/06-SE-SLC-1(Refusal)*	*T1-12/10/06-SE-SLC-1(Surface)*	*T1-12/10/06-SE-SLC-2(Mid)*	*T1-12/10/06-SE-SLC-2(Refusal)*	*T1-12/10/06-SE-SLC-2(Surface)*	*T1-19/10/06-SE-SLC-3(Mid)*	*T1-19/10/06-SE-SLC-3(Refusal)*	*T1-19/10/06-SE-SLC-3(Surface)*	*T1-13/10/06-SE-SLC-4(Mid)*
	Sample Date:	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072
N-Nitrosodiphenylamine	mg/kg	< 0.011	< 0.010	< 0.025	< 0.022	< 0.027	< 0.017	< 0.017	< 0.021	< 0.023
Pentachlorophenol	mg/kg	< 0.17	< 0.16	< 0.39	< 0.33	< 0.42	< 0.26	< 0.27	< 0.33	< 0.36
Phenanthrene	mg/kg	0.007	< 0.0008	0.034	0.082	0.10	0.002 J	0.002 J	0.15	0.11
Phenol	mg/kg	< 0.034	< 0.032	< 0.078	< 0.067	< 0.084	< 0.053	< 0.054	< 0.065	< 0.072
Pyrene	mg/kg	0.023	0.002	0.21	0.45	0.37	0.007	0.003 J	0.28	0.41
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00011	< 0.00011	< 0.00026	< 0.00022	< 0.00028	< 0.00018	< 0.00018	< 0.00022	< 0.00024
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00029	< 0.00027	< 0.00067	< 0.00057	< 0.00073	< 0.00046	< 0.00047	< 0.00056	< 0.00062
1,1,2-Trichloroethane	mg/kg	< 0.00034	< 0.00032	< 0.00078	< 0.00067	< 0.00086	< 0.00053	< 0.00055	< 0.00066	< 0.00072
1,1-Dichloroethane	mg/kg	< 0.00013	< 0.00012	< 0.00029	< 0.00025	< 0.00032	< 0.00020	< 0.00020	< 0.00024	< 0.00027
1,1-Dichloroethene	mg/kg	< 0.00049	< 0.00046	< 0.0011	< 0.00097	< 0.0012	< 0.00077	< 0.00079	< 0.00096	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	< 0.00023	< 0.00021	< 0.00052	< 0.00045	< 0.00057	< 0.00036	< 0.00036	< 0.00044	< 0.00048
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00025	< 0.00024	< 0.00058	< 0.00050	< 0.00063	< 0.00040	< 0.00041	< 0.00049	< 0.00054
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00016	< 0.00015	< 0.00038	< 0.00032	< 0.00041	< 0.00026	< 0.00026	< 0.00032	< 0.00035
1,2-Dichlorobenzene	mg/kg	< 0.00011	< 0.00011	< 0.00026	< 0.00022	< 0.00028	< 0.00018	< 0.00018	< 0.00022	< 0.00024
1,2-Dichloroethane	mg/kg	< 0.00019	< 0.00018	< 0.00044	< 0.00037	< 0.00047	< 0.00030	< 0.00030	< 0.00037	< 0.00040
1,2-Dichloropropane	mg/kg	< 0.00021	< 0.00020	< 0.00049	< 0.00042	< 0.00054	< 0.00034	< 0.00034	< 0.00042	< 0.00045
1,3-Dichlorobenzene	mg/kg	< 0.00015	< 0.00014	< 0.00035	< 0.00030	< 0.00038	< 0.00024	< 0.00024	< 0.00029	< 0.00032
1,4-Dichlorobenzene	mg/kg	< 0.00020	< 0.00019	< 0.00046	< 0.00040	< 0.00051	< 0.00032	< 0.00032	< 0.00039	< 0.00043
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0015	< 0.0014	0.014 J	0.013 J	0.014 J	< 0.0038	< 0.0033	< 0.0043	0.018 J
2-Hexanone	mg/kg	< 0.0010	< 0.00097	< 0.0024	< 0.0020	< 0.0026	< 0.0016	< 0.0017	< 0.0020	< 0.0022 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.00049	< 0.00046	< 0.0011	< 0.00097	< 0.0012	< 0.00077	< 0.00079	< 0.00096	< 0.0010
Acetone	mg/kg	< 0.011 UJ	R	< 0.11 UJ	< 0.093 UJ	< 0.14 UJ	< 0.048 UJ	< 0.038 UJ	< 0.040 UJ	< 0.14 UJ
Benzene	mg/kg	< 0.00013	< 0.00012	< 0.00029	< 0.00025	< 0.00032	< 0.00020	< 0.00020	0.00027 J	< 0.00027
Bromodichloromethane	mg/kg	< 0.00010	< 0.00009	< 0.00023	< 0.00020	< 0.00025	< 0.00016	< 0.00016	< 0.00020	< 0.00021
Bromoform	mg/kg	< 0.00015	< 0.00014	< 0.00035	< 0.00030	< 0.00038	< 0.00024	< 0.00024	< 0.00029	< 0.00032
Bromomethane (Methyl Bromide)	mg/kg	< 0.00031	< 0.00030	< 0.00073	< 0.00062	< 0.00079	< 0.00050	< 0.00051	< 0.00061	< 0.00067
Carbon disulfide	mg/kg	< 0.00052	< 0.00019	0.0040 J	0.0032 J	< 0.0013	0.0056 J	0.0038 J	0.0025 J	0.0032 J
Carbon tetrachloride	mg/kg	< 0.00018	< 0.00017	< 0.00041	< 0.00035	< 0.00044	< 0.00028	< 0.00028	< 0.00034	< 0.00038
Chlorobenzene	mg/kg	< 0.00014	< 0.00013	< 0.00032	< 0.00027	< 0.00035	< 0.00022	< 0.00022	< 0.00027	< 0.00029
Chloroethane	mg/kg	< 0.00016	< 0.00015	< 0.00038	< 0.00032	< 0.00041	< 0.00026	< 0.00026	< 0.00032	< 0.00035
Chloroform (Trichloromethane)	mg/kg	< 0.00015	< 0.00014	< 0.00035	< 0.00030	< 0.00038	< 0.00024	< 0.00024	< 0.00029	< 0.00032
Chloromethane (Methyl Chloride)	mg/kg	< 0.00041	< 0.00039	< 0.00096	< 0.00082	< 0.0010	< 0.00065	< 0.00067	< 0.00081	< 0.00088
cis-1,2-Dichloroethene	mg/kg	< 0.00024	< 0.00023	< 0.00055	< 0.00047	< 0.00060	< 0.00038	< 0.00039	< 0.00047	< 0.00051
cis-1,3-Dichloropropene	mg/kg	< 0.00020	< 0.00019	< 0.00046	< 0.00040	< 0.00051	< 0.00032	< 0.00032	< 0.00039	< 0.00043
Cyclohexane	mg/kg	0.00013 J	< 0.00009 UJ	< 0.00023 UJ	< 0.00020 UJ	< 0.00025 UJ	< 0.00016	< 0.00016	< 0.00020	0.00032 J
Dibromochloromethane	mg/kg	< 0.00006	< 0.00006	< 0.00015	< 0.00013	< 0.00016	< 0.0001	< 0.00010	< 0.00012	< 0.00014
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00015	0.00018 J	< 0.00035	< 0.00030	< 0.00038	< 0.00024	< 0.00024	< 0.00029	< 0.00032
Ethylbenzene	mg/kg	< 0.00008	< 0.00007	< 0.00017	< 0.00016	< 0.00019	< 0.00012	< 0.00012	< 0.00017	< 0.00022
Isopropylbenzene	mg/kg	< 0.00008	< 0.00007	0.00066 J	0.00069 J	< 0.00019	< 0.00012	< 0.00012	< 0.00015	0.00083 J
m&p-Xylene	mg/kg	< 0.00021	< 0.00020	< 0.00049	< 0.00042	< 0.00054	< 0.00034	< 0.00034	< 0.00051	< 0.00076
Methyl acetate	mg/kg	< 0.00075	< 0.00071	< 0.0017	< 0.0015	< 0.0019	< 0.0012	< 0.0012	< 0.0015	< 0.0016
Methyl cyclohexane	mg/kg	< 0.00014 UJ	< 0.00013 UJ	< 0.00032 UJ	< 0.00027 UJ	< 0.00035 UJ	< 0.00022	< 0.00022	< 0.00027	0.00039 J
Methyl Tert Butyl Ether	mg/kg	< 0.00026	< 0.00025	0.0022 J	0.0026 J	0.0011 J	< 0.00042	< 0.00043	< 0.00051	0.0050 J
Methylene chloride	mg/kg	0.0030 J	0.010	< 0.00070	< 0.00060	< 0.00079	0.0086	< 0.00096	< 0.00059	< 0.00076
o-Xylene	mg/kg	< 0.00021	< 0.00020	0.0051 J	0.0044 J	< 0.00054	< 0.00034	< 0.00034	0.0038 J	0.0054 J
Styrene	mg/kg	< 0.00013	< 0.00012	< 0.00029	< 0.00025	< 0.00032	< 0.00020	< 0.00020	< 0.00024	0.0027 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-1*	*SLC-1*	*SLC-2*	*SLC-2*	*SLC-2*	*SLC-3*	*SLC-3*	*SLC-3*	*SLC-4*
	Sample ID:	*T1-12/10/06-SE-SLC-1(Refusal)*	*T1-12/10/06-SE-SLC-1(Surface)*	*T1-12/10/06-SE-SLC-2(Mid)*	*T1-12/10/06-SE-SLC-2(Refusal)*	*T1-12/10/06-SE-SLC-2(Surface)*	*T1-19/10/06-SE-SLC-3(Mid)*	*T1-19/10/06-SE-SLC-3(Refusal)*	*T1-19/10/06-SE-SLC-3(Surface)*	*T1-13/10/06-SE-SLC-4(Mid)*
	Sample Date:	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/12/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/13/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00008	< 0.00007	< 0.00017	< 0.00015	< 0.00019	< 0.00012	< 0.00012	< 0.00015	< 0.00016
Toluene	mg/kg	< 0.00052	< 0.00009	< 0.00053	< 0.00032	< 0.0010	< 0.00019	< 0.00033	< 0.0013	< 0.00091
trans-1,2-Dichloroethene	mg/kg	< 0.00015	< 0.00014	< 0.00035	< 0.00030	< 0.00038	< 0.00024	< 0.00024	< 0.00029	< 0.00032
trans-1,3-Dichloropropene	mg/kg	< 0.00016	< 0.00015	< 0.00038	< 0.00032	< 0.00041	< 0.00026	< 0.00026	< 0.00032	< 0.00035
Trichloroethene	mg/kg	< 0.00019	< 0.00018	< 0.00044	< 0.00037	< 0.00047	< 0.00030	< 0.00030	< 0.00037	< 0.00040
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00036	< 0.00034	< 0.00084	< 0.00072	< 0.00092	< 0.00057	< 0.00059	< 0.00071	< 0.00078
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00014 UJ	< 0.00013 UJ	< 0.00032 UJ	< 0.00027 UJ	< 0.00035 UJ	< 0.00022	< 0.00022	< 0.00027	0.0014 J
Vinyl chloride	mg/kg	< 0.00020	< 0.00019	< 0.00046	< 0.00040	< 0.00051	< 0.00032	< 0.00032	< 0.00039	< 0.00043
General Chemistry										
Cyanide (total)	mg/kg	< 0.32	< 0.30	< 0.73	< 0.63	< 0.79	< 0.35	< 0.35	< 0.43	< 0.47
Moisture	%	20.9	16.5	65.9	60.1	68.4	49.5	50.3	59.0	63.0
Sulfide (Acid Volatile)	umol/g	-	< 0.47	-	-	21.4	-	-	5.5	-
Total Organic Carbon (TOC)	mg/kg	2960	504 J	27300	22800	51700	15200	20200	44500	26200

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-4*	*SLC-4*	*SLC-5*	*SLC-5*	*SLC-5*	*SLC-6*	*SLC-6*	*SLC-6*	*SLC-7*
	Sample ID:	*T1-13/10/06-SE-SLC-4(Refusal)*	*T1-13/10/06-SE-SLC-4(Surface)*	*T1-13/10/06-SE-SLC-5(Mid)*	*T1-13/10/06-SE-SLC-5(Refusal)*	*T1-13/10/06-SE-SLC-5(Surface)*	*T1-19/10/06-SE-SLC-6(Mid)*	*T1-19/10/06-SE-SLC-6(Refusal)*	*T1-19/10/06-SE-SLC-6(Surface)*	*T1-18/10/06-SE-SLC-7(Mid)*
	Sample Date:	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*
Parameters	*Units*									
Geotech										
Grain Size 0.001 mm	% passed	24.0	< 0.50	33.0	14.0	16.0	< 0.50	45.0	27.0	29.0
Grain Size 0.002 mm	% passed	27.0	< 0.50	39.0	16.5	18.0	< 0.50	54.0	32.0	32.0
Grain Size 0.005 mm	% passed	31.5	< 0.50	46.5	21.0	21.0	< 0.50	65.0	39.0	36.0
Grain Size 0.02 mm	% passed	40.0	< 0.50	62.0	26.5	33.0	< 0.50	80.5	51.5	44.5
Grain Size 0.05 mm	% passed	47.5	< 0.50	74.0	41.5	52.0	< 0.50	88.0	71.0	64.5
Grain Size 0.064 mm	% passed	53.0	< 0.50	79.0	47.0	60.0	< 0.50	89.0	77.0	72.5
Grain Size 0.075 mm	% passed	56.8	86.3	81.6	50.5	63.3	83.7	90.1	81.5	77.2
Grain Size 0.15 mm	% passed	73.1	89.9	86.9	57.6	67.5	87.4	92.0	84.4	95.0
Grain Size 0.3 mm	% passed	83.7	92.3	94.5	61.4	71.6	88.7	94.0	88.1	97.8
Grain Size 0.6 mm	% passed	90.5	93.7	97.5	62.7	75.4	90.3	96.1	91.2	97.8
Grain Size 1.18 mm	% passed	96.1	95.1	97.9	63.3	76.1	91.6	98.7	94.6	98.2
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	98.1	96.1	98.1	63.5	76.3	92.3	99.7	96.6	98.4
Grain Size 3.35 mm	% passed	99.7	98.1	99.9	73.6	85.9	98.3	99.9	99.6	99.7
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	99.8	99.9	100	84.9	94.6	99.9	100	99.9	99.9
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100	100
Metals										
Aluminum	mg/kg	19700	21500	24200	17000	14800	29800	21500	22800	18500
Antimony	mg/kg	< 2.15 UJ	< 2.71 UJ	< 2.06 UJ	< 1.60 UJ	< 1.78 UJ	< 1.87 UJ	< 2.89 UJ	< 1.95 UJ	< 1.11 UJ
Arsenic	mg/kg	7.84 J	8.97 J	9.13 J	6.48 J	6.57 J	10.3 J	4.69 J	7.83 J	< 1.12
Barium	mg/kg	109	126	131	96.0	110	65.9 J	89.5 J	74.3 J	87.1
Beryllium	mg/kg	1.28 J	1.32 J	1.31 J	0.942 J	0.852 J	1.66 J	1.30 J	1.30 J	1.31 J
Cadmium	mg/kg	0.241 J	0.385 J	< 0.148	0.181 J	0.130 J	1.03 J	0.487 J	0.548 J	0.233 J
Cadmium	umol/g	-	0.00231 J	-	-	0.00157 J	-	-	0.00279 J	-
Calcium	mg/kg	15000	5910	3950	6030	4410	2720	4470	2660	3930 J
Chromium Total	mg/kg	56.1	41.3	31.7	34.2	23.8	71.2	25.0	88.9	19.2
Chromium VI (Hexavalent)	mg/kg	< 3.9	< 5.0	< 0.94	< 0.74	< 0.80	< 3.3	< 13.1	< 3.5	0.52 J
Cobalt	mg/kg	9.51 J	9.50 J	10.4 J	9.26	7.97 J	13.0 J	9.79 J	7.64 J	8.21
Copper	mg/kg	224	77.4	36.7	90.0	39.8	624 J	65.7 J	635 J	4.46 J
Copper	umol/g	-	0.280	-	-	0.189	-	-	0.663 J	-
Iron	mg/kg	21500	24500	24300	17400	17400	27700	24800	23900	16300
Lead	mg/kg	51.5	38.9	30.7	38.5	25.4	155 J	30.3 J	117 J	13.2
Lead	umol/g	-	0.123	-	-	0.0829	-	-	0.425 J	-
Magnesium	mg/kg	7700	5770	5840	4550	3810	4370	4420	3880	3360
Manganese	mg/kg	505	639	1040	407	767	126 J	146 J	125 J	94.3 J
Mercury	mg/kg	< 0.281	< 0.292	< 0.278	< 0.189	< 0.0860	3.40 J	0.189 J	2.67 J	< 0.0127
Nickel	mg/kg	23.2	19.1	18.9	15.7	13.9	37.7	25.6	33.0	15.9
Nickel	umol/g	-	0.169 J	-	-	0.114 J	-	-	0.0821 J	-
Potassium	mg/kg	2920 J	4040 J	4060 J	2540 J	2740 J	4610 J	3810 J	4050 J	2130
Selenium	mg/kg	< 2.34	< 2.94	< 2.23	< 1.73	< 1.93	< 2.03	< 3.14	< 2.12	< 1.20
Silver	mg/kg	0.699 J	0.655 J	0.654 J	0.466 J	0.504 J	1.69 J	< 0.545	1.80 J	< 0.209
Sodium	mg/kg	3530	5400	3270	2140	2510	3000	4930	3110	777
Thallium	mg/kg	< 3.17	< 4.00	3.31 J	< 2.36	< 2.62	< 2.75	< 4.26	< 2.88	< 1.63
Vanadium	mg/kg	40.5	44.5	53.0	35.8	32.8	49.8	40.7	41.6	35.7
Zinc	mg/kg	139 J	148 J	92.1 J	83.8 J	84.0 J	427	105	188	35.0
Zinc	umol/g	-	0.911 J	-	-	0.615 J	-	-	2.18	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-4*	*SLC-4*	*SLC-5*	*SLC-5*	*SLC-5*	*SLC-6*	*SLC-6*	*SLC-6*	*SLC-7*
	Sample ID:	*T1-13/10/06-SE-SLC-4(Refusal)*	*T1-13/10/06-SE-SLC-4(Surface)*	*T1-13/10/06-SE-SLC-5(Mid)*	*T1-13/10/06-SE-SLC-5(Refusal)*	*T1-13/10/06-SE-SLC-5(Surface)*	*T1-19/10/06-SE-SLC-6(Mid)*	*T1-19/10/06-SE-SLC-6(Refusal)*	*T1-19/10/06-SE-SLC-6(Surface)*	*T1-18/10/06-SE-SLC-7(Mid)*
	Sample Date:	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*
Parameters	*Units*									
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0080	< 0.010	< 0.0077	< 0.0061	< 0.0066	< 0.035	< 0.011	< 0.036	< 0.0041
Aroclor-1221 (PCB-1221)	mg/kg	< 0.013	< 0.016	< 0.012	< 0.0096	< 0.010	< 0.054	< 0.017	< 0.056	< 0.0065
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0080	< 0.010	< 0.0077	< 0.0061	< 0.0066	< 0.035	< 0.011	< 0.036	< 0.0041
Aroclor-1242 (PCB-1242)	mg/kg	< 0.0080	< 0.010	< 0.0077	< 0.0061	< 0.0066	3.2	0.085	1.9	< 0.0041
Aroclor-1248 (PCB-1248)	mg/kg	0.14	0.055	0.042	0.090	0.035	< 0.035	< 0.011	< 0.036	< 0.0041
Aroclor-1254 (PCB-1254)	mg/kg	0.089 JN	0.051 J	< 0.0077	0.096	0.036	0.58	< 0.011	< 0.036	< 0.0041
Aroclor-1260 (PCB-1260)	mg/kg	0.032 J	0.021 J	< 0.0077	0.033	0.018 J	0.21	< 0.011	0.22	< 0.0041
Pesticides										
4,4'-DDD	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
4,4'-DDE	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.028	< 0.0011	< 0.018	< 0.00041
4,4'-DDT	mg/kg	< 0.015 UJ	< 0.0052 UJ	< 0.0039 UJ	< 0.0030 UJ	0.0059 J	< 0.12 UJ	< 0.0011 UJ	< 0.10 UJ	< 0.00041 UJ
Aldrin	mg/kg	< 0.0023	< 0.0030	< 0.0022	< 0.0017	< 0.0019	< 0.0079	< 0.00062	< 0.0041	< 0.00024
alpha-BHC	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
alpha-Chlordane	mg/kg	< 0.0020	< 0.0027	< 0.0020	< 0.0016	< 0.0017	< 0.0071	< 0.00056	< 0.0037	< 0.00021
beta-BHC	mg/kg	< 0.0073	< 0.0095	< 0.0072	< 0.0056	< 0.0061	< 0.032	< 0.0020	< 0.026	< 0.00076
delta-BHC	mg/kg	< 0.0053	< 0.0027	< 0.0020	< 0.0016	< 0.0017	< 0.0071	< 0.00056 UJ	< 0.0037	< 0.00021
Dieldrin	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
Endosulfan I	mg/kg	< 0.0092	< 0.0034	< 0.0026	< 0.0020	< 0.0022	< 0.0092	< 0.00072	< 0.0048	< 0.00028
Endosulfan II	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
Endosulfan sulfate	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
Endrin	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.033	< 0.0011	< 0.027	< 0.00041
Endrin aldehyde	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011	< 0.0071	< 0.00041
Endrin ketone	mg/kg	< 0.0040	< 0.0052	< 0.0039	< 0.0030	< 0.0033	< 0.014	< 0.0011 UJ	< 0.0071	< 0.00041
gamma-BHC (Lindane)	mg/kg	< 0.0020	< 0.0027	< 0.0020	< 0.0016	< 0.0017	< 0.0071	< 0.00056	< 0.0037	< 0.00021
gamma-Chlordane	mg/kg	< 0.012	< 0.016	< 0.012	< 0.0092	< 0.010	< 0.042	< 0.0033	< 0.022	< 0.0013
Heptachlor	mg/kg	< 0.0020	< 0.0027	< 0.0020	< 0.0016	< 0.0017	< 0.0071	< 0.00056	< 0.0037	< 0.00021
Heptachlor epoxide	mg/kg	< 0.0020	< 0.0027	< 0.0020	< 0.0016	< 0.0017	< 0.063	< 0.00056	< 0.045	< 0.00021
Methoxychlor	mg/kg	< 0.020	< 0.027	< 0.020	< 0.016	< 0.017	< 0.071	< 0.0056 UJ	< 0.037	< 0.0021 UJ
Toxaphene	mg/kg	< 0.13	< 0.17	< 0.13	< 0.10	< 0.11	< 0.46	< 0.036	< 0.24	< 0.014
Petroleum Products										
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	43 J	< 31	< 23	48	< 20	840	< 33	360	< 13
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 24	< 31	< 23	< 18	< 20	300	< 33	93	< 13
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 24	< 31	< 23	20 J	< 20	550	< 33	250	< 13
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	43 J	< 31	< 23	69	< 20	1700	< 33	700	< 13
Semi-Volatile Organic Compounds										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.021	< 0.027	< 0.020	< 0.016	< 0.017	< 0.018	< 0.028	< 0.019	< 0.011
2,4,5-Trichlorophenol	mg/kg	< 0.022	< 0.029	< 0.022	< 0.017	< 0.019	< 0.020	< 0.031	< 0.020	< 0.012
2,4,6-Trichlorophenol	mg/kg	< 0.021	< 0.027	< 0.020	< 0.016	< 0.017	< 0.018	< 0.028	< 0.019	< 0.011
2,4-Dichlorophenol	mg/kg	< 0.012	< 0.016	< 0.012	< 0.0092	< 0.010	< 0.010	< 0.016	< 0.011	< 0.0063
2,4-Dimethylphenol	mg/kg	< 0.021	< 0.027	< 0.020	< 0.016	< 0.017	< 0.018	< 0.028	< 0.019	< 0.011
2,4-Dinitrophenol	mg/kg	< 0.64	< 0.83	< 0.63	< 0.49	< 0.54	< 0.56	< 0.87	< 0.58	< 0.33 UJ
2,4-Dinitrotoluene	mg/kg	< 0.023	< 0.030	< 0.023	< 0.018	< 0.019	< 0.020	< 0.032	< 0.021	< 0.012
2,6-Dinitrotoluene	mg/kg	< 0.025	< 0.032	< 0.024	< 0.019	< 0.021	< 0.022	< 0.034	< 0.022	< 0.013
2-Chloronaphthalene	mg/kg	< 0.013	< 0.017	< 0.013	< 0.0098	< 0.011	< 0.011	< 0.017	< 0.012	< 0.0067
2-Chlorophenol	mg/kg	< 0.019	< 0.025	< 0.019	< 0.015	< 0.016	< 0.017	< 0.026	< 0.017	< 0.010

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-4*	*SLC-4*	*SLC-5*	*SLC-5*	*SLC-5*	*SLC-6*	*SLC-6*	*SLC-6*	*SLC-7*
	Sample ID:	*T1-13/10/06-SE-SLC-4(Refusal)*	*T1-13/10/06-SE-SLC-4(Surface)*	*T1-13/10/06-SE-SLC-5(Mid)*	*T1-13/10/06-SE-SLC-5(Refusal)*	*T1-13/10/06-SE-SLC-5(Surface)*	*T1-19/10/06-SE-SLC-6(Mid)*	*T1-19/10/06-SE-SLC-6(Refusal)*	*T1-19/10/06-SE-SLC-6(Surface)*	*T1-18/10/06-SE-SLC-7(Mid)*
	Sample Date:	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
2-Methylnaphthalene	mg/kg	0.13	< 0.002	0.015	0.027	0.011	0.11	< 0.011	0.11 J	< 0.0008
2-Methylphenol	mg/kg	< 0.022	< 0.029	< 0.022	< 0.017	< 0.019	< 0.020	< 0.031	< 0.020	< 0.012
2-Nitroaniline	mg/kg	< 0.022	< 0.028	< 0.021	< 0.017	< 0.018	< 0.019	< 0.029	< 0.019	< 0.011
2-Nitrophenol	mg/kg	< 0.025	< 0.032	< 0.024	< 0.019	< 0.021	< 0.022	< 0.034	< 0.022	< 0.013
3,3'-Dichlorobenzidine	mg/kg	< 0.13	< 0.17	< 0.13	< 0.098	< 0.11	< 0.11	< 0.17	< 0.12	< 0.067
3-Nitroaniline	mg/kg	< 0.096	< 0.13	< 0.094	< 0.074	< 0.080	< 0.084	< 0.13	< 0.087	< 0.050
4,6-Dinitro-2-methylphenol	mg/kg	< 0.080	< 0.10	< 0.078	< 0.061	< 0.067	< 0.070	< 0.11	< 0.072	< 0.042
4-Bromophenyl phenyl ether	mg/kg	< 0.023	< 0.030	< 0.023	< 0.018	< 0.019	< 0.020	< 0.032	< 0.021	< 0.012
4-Chloro-3-methylphenol	mg/kg	< 0.020	< 0.026	< 0.020	< 0.015	< 0.017	< 0.017	< 0.027	< 0.018	< 0.010
4-Chloroaniline	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033
4-Chlorophenyl phenyl ether	mg/kg	< 0.011	< 0.015	< 0.011	< 0.0086	< 0.0094	< 0.0098	< 0.015	< 0.010	< 0.0058
4-Methylphenol	mg/kg	< 0.026	< 0.033	< 0.025	< 0.020	< 0.021	< 0.022	< 0.035	< 0.023	< 0.013
4-Nitroaniline	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033
4-Nitrophenol	mg/kg	< 0.32	< 0.42	< 0.31	< 0.25	< 0.27	< 0.28	< 0.44	< 0.29	< 0.17
Acenaphthene	mg/kg	0.30	0.15	0.11	0.23	0.039	0.11	0.033	0.10 J	< 0.0008
Acenaphthylene	mg/kg	1.7	0.65	0.35	0.73	0.38	0.56	0.025 J	0.56	0.002 J
Acetophenone	mg/kg	0.13 J	0.072 J	0.018 J	0.040 J	0.024 J	< 0.013	< 0.020	< 0.013	< 0.0075
Anthracene	mg/kg	0.64	0.45	0.13	0.34	0.12	0.28	0.022 J	0.21	0.0004 J
Atrazine	mg/kg	< 0.020	< 0.026	< 0.020	< 0.015	< 0.017	< 0.017	< 0.027	< 0.018	< 0.010
Benzaldehyde	mg/kg	R	R	R	R	R	R	0.045 J	R	< 0.015
Benzo(a)anthracene	mg/kg	0.54	0.56 J	0.13	0.42	0.15	1.2 J	0.038	0.81	0.002
Benzo(a)pyrene	mg/kg	0.62	0.64 J	0.14	0.37	0.16	0.81 J	0.025 J	0.59	0.004
Benzo(b)fluoranthene	mg/kg	1.0	0.81 J	0.19	0.56	0.20	3.2 J	0.12	2.7	0.005
Benzo(g,h,i)perylene	mg/kg	0.42	0.10 J	0.089	0.21	0.094	0.59 J	0.050	0.54	0.039
Benzo(k)fluoranthene	mg/kg	0.15	0.22 J	0.035	0.10	0.043	< 0.002 UJ	< 0.016	R	0.002
Biphenyl	mg/kg	0.28 J	0.33 J	0.25 J	0.20 J	0.21 J	< 0.013	< 0.020	< 0.013	< 0.0075
bis(2-Chloroethoxy)methane	mg/kg	< 0.019	< 0.025	< 0.019	< 0.015	< 0.016	< 0.017	< 0.026	< 0.017	< 0.010
bis(2-Chloroethyl)ether	mg/kg	< 0.063	< 0.081	< 0.061	< 0.048	< 0.052	< 0.054	< 0.085	< 0.056	< 0.033
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.16	< 0.21	< 0.16	< 0.12	< 0.13	< 0.14	< 0.22	< 0.14	< 0.083
Butyl benzylphthalate	mg/kg	< 0.018	< 0.024	< 0.018	< 0.014	< 0.015	< 0.016	< 0.025	< 0.017	< 0.0096
Caprolactam	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033
Carbazole	mg/kg	< 0.012	< 0.016	< 0.012	< 0.0092	0.016 J	< 0.010	< 0.016	< 0.011	< 0.0063
Chrysene	mg/kg	0.49	0.66 J	0.13	0.38	0.14	3.3 J	0.10	2.2	0.004
Dibenz(a,h)anthracene	mg/kg	0.18	0.033 J	0.033	0.087	0.033	0.24 J	< 0.016	0.17	< 0.001
Dibenzofuran	mg/kg	0.025 J	< 0.017	0.019 J	0.013 J	0.016 J	< 0.011	< 0.017	< 0.012	< 0.0067
Diethyl phthalate	mg/kg	< 0.011	< 0.015	< 0.011	< 0.0086	< 0.0094	< 0.0098	< 0.015	< 0.010	< 0.0058
Dimethyl phthalate	mg/kg	< 0.0088	< 0.011	< 0.0086	< 0.0068	< 0.0074	< 0.0077	< 0.012	< 0.0079	< 0.0046
Di-n-butylphthalate	mg/kg	< 0.015	< 0.020	0.24 J	0.19 J	0.21 J	< 0.013	< 0.021	< 0.014	< 0.0079
Di-n-octyl phthalate	mg/kg	< 0.011	< 0.015	< 0.011	< 0.0086	< 0.0094	< 0.0098	< 0.015	< 0.010	< 0.0058
Fluoranthene	mg/kg	1.2	0.64	0.26	0.88	0.25	4.9	0.38	4.1 J	0.005
Fluorene	mg/kg	0.40	0.29	0.10	0.24	0.074	0.47	0.020 J	0.40 J	< 0.0008
Hexachlorobenzene	mg/kg	< 0.018	< 0.023	< 0.017	< 0.014	< 0.015	< 0.015	< 0.024	< 0.016	< 0.0092
Hexachlorobutadiene	mg/kg	< 0.057	< 0.074	< 0.056	< 0.044	< 0.048	< 0.050	< 0.077	< 0.051	< 0.030
Hexachlorocyclopentadiene	mg/kg	< 0.26	< 0.33	< 0.25	< 0.20	< 0.21	< 0.22	< 0.35	< 0.23	< 0.13
Hexachloroethane	mg/kg	< 0.041	< 0.053	< 0.040	< 0.031	< 0.034	< 0.036	< 0.056	< 0.037	< 0.021
Indeno(1,2,3-cd)pyrene	mg/kg	0.77	0.13 J	0.12	0.35	0.11	0.58 J	0.025 J	0.45	0.004
Isophorone	mg/kg	< 0.027	< 0.034	< 0.026	< 0.020	< 0.022	< 0.023	< 0.036	< 0.024	< 0.014
Naphthalene	mg/kg	0.14	0.051	0.017	0.040	< 0.002	0.060	< 0.016	0.054 J	< 0.001
Nitrobenzene	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-4*	*SLC-4*	*SLC-5*	*SLC-5*	*SLC-5*	*SLC-6*	*SLC-6*	*SLC-6*	*SLC-7*
	Sample ID:	*T1-13/10/06-SE-SLC-4(Refusal)*	*T1-13/10/06-SE-SLC-4(Surface)*	*T1-13/10/06-SE-SLC-5(Mid)*	*T1-13/10/06-SE-SLC-5(Refusal)*	*T1-13/10/06-SE-SLC-5(Surface)*	*T1-19/10/06-SE-SLC-6(Mid)*	*T1-19/10/06-SE-SLC-6(Refusal)*	*T1-19/10/06-SE-SLC-6(Surface)*	*T1-18/10/06-SE-SLC-7(Mid)*
	Sample Date:	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*
Parameters	*Units*									
Semi-Volatiles (Cont'd.)										
N-Nitrosodi-n-propylamine	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033
N-Nitrosodiphenylamine	mg/kg	0.056 J	< 0.027	0.041 J	< 0.016	0.026 J	< 0.018	< 0.028	< 0.019	< 0.011
Pentachlorophenol	mg/kg	< 0.32	< 0.42	< 0.31	< 0.25	< 0.27	< 0.28	< 0.44	< 0.29	< 0.17
Phenanthrene	mg/kg	0.52	0.56	0.12	0.27	0.10	0.31	0.021 J	0.29 J	0.002
Phenol	mg/kg	< 0.064	< 0.083	< 0.063	< 0.049	< 0.054	< 0.056	< 0.087	< 0.058	< 0.033
Pyrene	mg/kg	1.9	1.6 J	0.42	1.3	0.42	3.0 J	0.16	1.9	0.005
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	< 0.00021	< 0.00028	< 0.00021	< 0.00017	< 0.00018	< 0.023	< 0.00029	< 0.025	< 0.00011
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00055 UJ	< 0.00072 UJ	< 0.00054	< 0.00042	< 0.00046	< 0.060	< 0.00075 UJ	< 0.063	< 0.00029
1,1,2-Trichloroethane	mg/kg	< 0.00064	< 0.00085	< 0.00063	< 0.00050	< 0.00054	< 0.070	< 0.00088	< 0.074	< 0.00034
1,1-Dichloroethane	mg/kg	< 0.00024	< 0.00031	< 0.00023	< 0.00018	< 0.00020	< 0.026	< 0.00033	< 0.027	< 0.00013
1,1-Dichloroethene	mg/kg	< 0.00093	< 0.0012	< 0.00091	< 0.00071	< 0.00078	< 0.10	< 0.0013	< 0.11	< 0.00049
1,2,4-Trichlorobenzene	mg/kg	< 0.00043 UJ	< 0.00056 UJ	< 0.00042	< 0.00033	< 0.00036	< 0.047	< 0.00059 UJ	< 0.049	< 0.00023
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00048 UJ	< 0.00063 UJ	< 0.00047	< 0.00037	< 0.00040	< 0.052	< 0.00065 UJ	< 0.055	< 0.00025
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00031	< 0.00041	< 0.00030	< 0.00024	0.00027 J	< 0.034	< 0.00042	< 0.036	< 0.00016
1,2-Dichlorobenzene	mg/kg	0.00049 J	< 0.00028 UJ	< 0.00021	0.00060 J	< 0.00018	< 0.023	0.0025 J	< 0.025	< 0.00011
1,2-Dichloroethane	mg/kg	< 0.00036	< 0.00047	< 0.00035	< 0.00027	< 0.00030	< 0.039	< 0.00049	< 0.041	< 0.00019
1,2-Dichloropropane	mg/kg	< 0.00040	< 0.00053	< 0.00040	< 0.00031	< 0.00034	< 0.044	< 0.00056	< 0.046	< 0.00021
1,3-Dichlorobenzene	mg/kg	< 0.00029 UJ	< 0.00038 UJ	< 0.00028	< 0.00022	< 0.00024	< 0.031	< 0.00039 UJ	< 0.033	< 0.00015
1,4-Dichlorobenzene	mg/kg	< 0.00038 UJ	< 0.00050 UJ	< 0.00037	< 0.00029	< 0.00032	< 0.041	< 0.00052 UJ	< 0.044	< 0.00020
2-Butanone (Methyl Ethyl Ketone)	mg/kg	0.016 J	0.0077 J	0.015 J	0.0083 J	0.011 J	< 0.32	0.020 J	< 0.33	< 0.0015
2-Hexanone	mg/kg	< 0.0020 UJ	< 0.0026	< 0.0019 UJ	< 0.0015 UJ	< 0.0016 UJ	< 0.21	0.019 J	< 0.22	< 0.0010
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.00093	< 0.0012	< 0.00091	< 0.00071	< 0.00078	< 0.10	< 0.0013	< 0.11	< 0.00049
Acetone	mg/kg	< 0.097 UJ	< 0.054 UJ	< 0.10 UJ	< 0.052 UJ	< 0.096 UJ	< 1.7 UJ	< 0.19 UJ	< 1.8 UJ	< 0.0095 UJ
Benzene	mg/kg	< 0.00030	< 0.00031	< 0.00023	< 0.00019	< 0.00020	< 0.026	< 0.00033	< 0.027	< 0.00013
Bromodichloromethane	mg/kg	< 0.00019	< 0.00025	< 0.00019	< 0.00015	< 0.00016	< 0.021	< 0.00026	< 0.022	< 0.00010
Bromoform	mg/kg	< 0.00029	< 0.00038	< 0.00028	< 0.00022	< 0.00024	< 0.031	< 0.00039	< 0.033	< 0.00015
Bromomethane (Methyl Bromide)	mg/kg	< 0.00060	< 0.00078	< 0.00058	< 0.00046	< 0.00050	< 0.065	< 0.00082	< 0.068	< 0.00031
Carbon disulfide	mg/kg	0.0050 J	< 0.0033	0.0023 J	0.0021 J	< 0.0017	0.080 J	0.0088 J	< 0.014	< 0.00030
Carbon tetrachloride	mg/kg	< 0.00033	< 0.00044	< 0.00033	< 0.00026	< 0.00028	< 0.036	< 0.00046	< 0.038	< 0.00018
Chlorobenzene	mg/kg	0.00043 J	< 0.00034	< 0.00026	0.00083 J	< 0.00022	< 0.028	< 0.00036	< 0.030	< 0.00014
Chloroethane	mg/kg	< 0.00031	< 0.00041	< 0.00030	< 0.00024	< 0.00026	< 0.034 UJ	< 0.00042	< 0.036 UJ	< 0.00016
Chloroform (Trichloromethane)	mg/kg	< 0.00029	< 0.00038	< 0.00028	< 0.00022	< 0.00024	< 0.031	< 0.00039	< 0.033	< 0.00015
Chloromethane (Methyl Chloride)	mg/kg	< 0.00079	< 0.0010	< 0.00077	< 0.00061	< 0.00066	< 0.085	< 0.0011	< 0.090	< 0.00041
cis-1,2-Dichloroethene	mg/kg	< 0.00045	< 0.00059	< 0.00044	< 0.00035	< 0.00038	< 0.049	< 0.00062	< 0.052	< 0.00024
cis-1,3-Dichloropropene	mg/kg	< 0.00038	< 0.00050	< 0.00037	< 0.00029	< 0.00032	< 0.041	< 0.00052	< 0.044	< 0.00020
Cyclohexane	mg/kg	0.00085 J	< 0.00025	0.00030 J	0.00061 J	0.00036 J	< 0.021	< 0.00026	< 0.022	< 0.00010
Dibromochloromethane	mg/kg	< 0.00012	< 0.00016	< 0.00012	< 0.00009	< 0.00010	< 0.013	< 0.00016	< 0.014	< 0.00006
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00029	< 0.00038	< 0.00028	< 0.00022	< 0.00024	< 0.031	< 0.00039	< 0.033	< 0.00015
Ethylbenzene	mg/kg	< 0.0010	< 0.00051	< 0.00014	< 0.00072	< 0.00024	0.034 J	0.0018 J	0.028 J	< 0.00008
Isopropylbenzene	mg/kg	0.0044 J	< 0.00019	0.0041 J	0.012	0.0012 J	0.031 J	0.0018 J	0.025 J	< 0.00008
m&p-Xylene	mg/kg	0.0066 J	< 0.00079	0.0031 J	0.015	< 0.00076	< 0.044	0.0033 J	< 0.046	< 0.00021
Methyl acetate	mg/kg	< 0.0014	< 0.0019	< 0.0014	< 0.0011	< 0.0012	0.23 J	< 0.0020	0.28 J	< 0.00075
Methyl cyclohexane	mg/kg	0.0025 J	< 0.00034	0.0013 J	0.0035 J	0.00047 J	0.44 J	< 0.00036	< 0.030	< 0.00014
Methyl Tert Butyl Ether	mg/kg	0.0081 J	0.0016 J	0.0039 J	0.0049 J	0.0018 J	< 0.054	0.00076 J	< 0.057	< 0.00026
Methylene chloride	mg/kg	< 0.00057	< 0.0013	< 0.00056	< 0.00044	< 0.0013	< 0.24	< 0.00078	< 0.24	< 0.00030
o-Xylene	mg/kg	0.013	< 0.0049	0.0059 J	0.0070 J	0.0039 J	< 0.044	0.0069 J	< 0.046	0.0019 J
Styrene	mg/kg	< 0.00024	< 0.00031	0.0026 J	< 0.00018	< 0.00020	< 0.026	< 0.00033	< 0.027	< 0.00013

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-4*	*SLC-4*	*SLC-5*	*SLC-5*	*SLC-5*	*SLC-6*	*SLC-6*	*SLC-6*	*SLC-7*
	Sample ID:	*T1-13/10/06-SE-SLC-4(Refusal)*	*T1-13/10/06-SE-SLC-4(Surface)*	*T1-13/10/06-SE-SLC-5(Mid)*	*T1-13/10/06-SE-SLC-5(Refusal)*	*T1-13/10/06-SE-SLC-5(Surface)*	*T1-19/10/06-SE-SLC-6(Mid)*	*T1-19/10/06-SE-SLC-6(Refusal)*	*T1-19/10/06-SE-SLC-6(Surface)*	*T1-18/10/06-SE-SLC-7(Mid)*
	Sample Date:	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/13/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*
Parameters	*Units*									
Volatiles (Cont'd.)										
Tetrachloroethene	mg/kg	< 0.00014	< 0.00019	< 0.00014	< 0.00011	< 0.00012	< 0.016	< 0.00020	< 0.016	< 0.00008
Toluene	mg/kg	< 0.0012	< 0.00031	< 0.00070	< 0.00064	< 0.00086	< 0.021	< 0.0045 UJ	0.16 J	< 0.00029
trans-1,2-Dichloroethene	mg/kg	< 0.00029	< 0.00038	< 0.00028	< 0.00022	< 0.00024	< 0.031	< 0.00039	< 0.033	< 0.00015
trans-1,3-Dichloropropene	mg/kg	< 0.00031	< 0.00041	< 0.00030	< 0.00024	< 0.00026	< 0.034	< 0.00042	< 0.036	< 0.00016
Trichloroethene	mg/kg	< 0.00036	< 0.00047	< 0.00035	< 0.00027	< 0.00030	< 0.039	< 0.00049	< 0.041	< 0.00019
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00069	< 0.00091	< 0.00068	< 0.00053	< 0.00058	< 0.075	< 0.00095	< 0.079	< 0.00036
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00026	< 0.00034	< 0.00026	< 0.00020	< 0.00022	< 0.028	< 0.00036	< 0.030	< 0.00014
Vinyl chloride	mg/kg	< 0.00038	< 0.00050	< 0.00037	< 0.00029	< 0.00032	< 0.041	< 0.00052	< 0.044	< 0.00020
General Chemistry										
Cyanide (total)	mg/kg	< 0.43	< 0.54	< 0.41	< 0.32	< 0.34	< 0.38	< 0.57	< 0.37	< 0.23
Moisture	%	58.5	68.0	57.4	45.7	50.2	52.2	69.4	53.8	20.1
Sulfide (Acid Volatile)	umol/g	-	26.4	-	-	17.2	-	-	2.1 J	-
Total Organic Carbon (TOC)	mg/kg	72200	64300	26500	23500	20100	55100	131000	50200	695 J

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-7*	*SLC-7*	*SLC-8*	*SLC-8*	*SLC-8*	*SLC-9*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SE-SLC-7(Refusal)*	*T1-18/10/06-SE-SLC-7(Surface)*	*T1-19/10/06-SE-SLC-8(Mid)*	*T1-19/10/06-SE-SLC-8(Refusal)*	*T1-19/10/06-SE-SLC-8(Surface)*	*T1-18/10/06-SE-SLC-9(Mid)*	*T1-18/10/06-SE-SLC-9(Refusal)*	*T1-18/10/06-SE-SLC-9(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*								
Geotech									
Grain Size 0.001 mm	% passed	41.5	32.0	38.0	39.0	38.0	31.0	37.5	36.0
Grain Size 0.002 mm	% passed	43.5	33.0	42.5	41.0	41.0	35.0	40.0	42.0
Grain Size 0.005 mm	% passed	46.5	35.0	49.0	47.5	47.5	41.0	43.5	48.5
Grain Size 0.02 mm	% passed	55.0	47.0	65.0	63.0	65.0	51.0	55.5	59.0
Grain Size 0.05 mm	% passed	69.0	64.0	86.0	87.5	86.0	71.0	70.0	70.5
Grain Size 0.064 mm	% passed	75.0	71.0	93.0	93.5	93.5	78.0	78.0	72.0
Grain Size 0.075 mm	% passed	79.0	75.3	96.2	97.0	96.8	82.6	82.1	73.7
Grain Size 0.15 mm	% passed	93.5	94.1	98.7	98.8	98.9	98.4	98.0	94.0
Grain Size 0.3 mm	% passed	95.9	97.3	98.9	99.2	99.3	99.1	98.9	95.4
Grain Size 0.6 mm	% passed	96.7	98.4	99.1	99.3	99.4	99.3	98.9	96.0
Grain Size 1.18 mm	% passed	97.5	99.4	99.2	99.4	99.5	99.4	99.0	96.5
Grain Size 19 mm	% passed	100	100	100	100	100	100	100	100
Grain Size 2.36 mm	% passed	98.4	99.7	99.4	99.5	99.7	99.6	99.0	97.1
Grain Size 3.35 mm	% passed	99.8	99.9	99.6	99.8	99.8	99.8	99.6	98.0
Grain Size 37.5 mm	% passed	100	100	100	100	100	100	100	100
Grain Size 4.75 mm	% passed	100	99.9	99.8	99.9	99.9	99.9	99.8	98.3
Grain Size 75 mm	% passed	100	100	100	100	100	100	100	100
Metals									
Aluminum	mg/kg	22000	21500	29800	32300	30900	15500	18500	17500
Antimony	mg/kg	< 1.28 UJ	< 1.32 UJ	< 1.19 UJ	< 1.37 UJ	< 1.27 UJ	< 1.14 UJ	< 1.16 UJ	< 1.71 UJ
Arsenic	mg/kg	< 1.29	4.71 J	2.44 J	3.48 J	4.00 J	2.60 J	5.22 J	3.48 J
Barium	mg/kg	88.3	137	199	186	173	70.2 J	82.0 J	123 J
Beryllium	mg/kg	0.830 J	1.37 J	1.28 J	1.28 J	1.19 J	0.895 J	0.736 J	0.948 J
Cadmium	mg/kg	0.304 J	0.428 J	0.276 J	0.264 J	0.361 J	0.260 J	0.297 J	0.404 J
Cadmium	umol/g	-	0.00191 J	-	-	0.000548 J	-	-	0.00167 J
Calcium	mg/kg	11200 J	7120 J	2610	2460	2380	4350	4570	6840
Chromium Total	mg/kg	20.6	27.9	27.2	30.1	29.9	15.8	18.7	28.4
Chromium VI (Hexavalent)	mg/kg	< 0.57 UJ	< 0.73	< 0.53 UJ	< 0.62 UJ	< 0.56 UJ	< 0.51 UJ	< 0.53 UJ	< 0.77 UJ
Cobalt	mg/kg	4.35 J	7.05 J	7.59	8.50	7.35	5.66 J	6.29 J	6.39 J
Copper	mg/kg	7.07	20.9	7.38	12.5	12.3	8.57 J	8.52 J	80.0 J
Copper	umol/g	-	0.0846 J	-	-	0.0371 J	-	-	0.691 J
Iron	mg/kg	21300	25900	21500	23200	23600	16300	19900	17100
Lead	mg/kg	12.4	15.0	17.8	20.1	57.6	12.3 J	12.8 J	15.6 J
Lead	umol/g	-	0.0468 J	-	-	0.0913 J	-	-	0.0521 J
Magnesium	mg/kg	3860	3200	2540	2650	2520	1670	1950	2240
Manganese	mg/kg	86.6 J	203 J	82.0	80.2	73.6	65.8 J	101 J	106 J
Mercury	mg/kg	0.0423 J	0.0502 J	0.0361 J	0.0595 J	0.0567 J	0.0154 J	0.0193 J	0.133 J
Nickel	mg/kg	10.7	15.8	11.3	13.0	12.9	12.6	14.1	16.2
Nickel	umol/g	-	0.0755 J	-	-	0.0295 J	-	-	0.987 J
Potassium	mg/kg	2490	2740	1730 J	2050 J	2230 J	1210 J	1430 J	2480 J
Selenium	mg/kg	< 1.38	< 1.43	< 1.29	< 1.49	< 1.38	< 1.24	< 1.25	< 1.86
Silver	mg/kg	< 0.240	0.415 J	< 0.224	< 0.258	< 0.239	< 0.215	< 0.218	0.372 J
Sodium	mg/kg	496	565	557	582	614	< 146	< 152	< 430
Thallium	mg/kg	< 1.88	< 1.94	< 1.75	< 2.02	< 1.87	< 1.68	< 1.70	< 2.52
Vanadium	mg/kg	36.6	53.7	43.7	49.4	47.2	24.0	32.8	41.6
Zinc	mg/kg	42.3	62.4	34.0	40.0	39.9	42.4	40.3	87.6
Zinc	umol/g	-	0.444	-	-	0.0494	-	-	0.606

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-7*	*SLC-7*	*SLC-8*	*SLC-8*	*SLC-8*	*SLC-9*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SE-SLC-7(Refusal)*	*T1-18/10/06-SE-SLC-7(Surface)*	*T1-19/10/06-SE-SLC-8(Mid)*	*T1-19/10/06-SE-SLC-8(Refusal)*	*T1-19/10/06-SE-SLC-8(Surface)*	*T1-18/10/06-SE-SLC-9(Mid)*	*T1-18/10/06-SE-SLC-9(Refusal)*	*T1-18/10/06-SE-SLC-9(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*								
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	mg/kg	< 0.0047	< 0.0048	< 0.0044	< 0.0051	< 0.0046	< 0.0042	< 0.0044	< 0.0063
Aroclor-1221 (PCB-1221)	mg/kg	< 0.0074	< 0.0076	< 0.0069	< 0.0081	< 0.0073	< 0.0067	< 0.0069	< 0.010
Aroclor-1232 (PCB-1232)	mg/kg	< 0.0047	< 0.0048	< 0.0044	< 0.0051	< 0.0046	< 0.0042	< 0.0044	< 0.0063
Aroclor-1242 (PCB-1242)	mg/kg	< 0.0047	< 0.0048	< 0.0044	< 0.0051	< 0.0046	< 0.0042	< 0.0044	< 0.0063
Aroclor-1248 (PCB-1248)	mg/kg	< 0.0047	< 0.0048	< 0.0044	0.032	< 0.0046	< 0.0042	< 0.0044	0.055
Aroclor-1254 (PCB-1254)	mg/kg	< 0.0047	< 0.0048	< 0.0044	< 0.0051	0.0057 J	< 0.0042	< 0.0044	0.035
Aroclor-1260 (PCB-1260)	mg/kg	< 0.0047	< 0.0048	< 0.0044	0.0083 J	< 0.0046	< 0.0042	< 0.0044	0.016 J
Pesticides									
4,4'-DDD	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
4,4'-DDE	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
4,4'-DDT	mg/kg	< 0.00047 UJ	< 0.00048 UJ	< 0.00044 UJ	< 0.00051 UJ	< 0.00046 UJ	< 0.00042 UJ	< 0.00044 UJ	< 0.0032 UJ
Aldrin	mg/kg	< 0.00027	< 0.00028	< 0.00025	< 0.00029	< 0.00027	< 0.00024	< 0.00025	< 0.0018
alpha-BHC	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
alpha-Chlordane	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00022	< 0.00023	< 0.0016
beta-BHC	mg/kg	< 0.00087	< 0.00089	< 0.00081	< 0.00095	< 0.00086	< 0.00079	< 0.00081	< 0.0058
delta-BHC	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00022 UJ	< 0.00023 UJ	< 0.033 UJ
Dieldrin	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
Endosulfan I	mg/kg	< 0.00031	< 0.00032	< 0.00029	< 0.00034	< 0.00031	< 0.00028	< 0.00029	< 0.0021
Endosulfan II	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
Endosulfan sulfate	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
Endrin	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
Endrin aldehyde	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046	< 0.00042	< 0.00044	< 0.0032
Endrin ketone	mg/kg	< 0.00047	< 0.00048	< 0.00044 UJ	< 0.00051 UJ	< 0.00046 UJ	< 0.00042 UJ	< 0.00044 UJ	< 0.0032 UJ
gamma-BHC (Lindane)	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00022	< 0.00023	< 0.0016
gamma-Chlordane	mg/kg	< 0.0014	< 0.0015	< 0.0013	< 0.0016	< 0.0014	< 0.0013	< 0.0013	< 0.0096
Heptachlor	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00022	< 0.00023	< 0.0016
Heptachlor epoxide	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00022	< 0.00023	< 0.0016
Methoxychlor	mg/kg	< 0.0024 UJ	< 0.0025 UJ	< 0.0023 UJ	< 0.0026 UJ	< 0.0024 UJ	< 0.0022 UJ	< 0.0023 UJ	< 0.016 UJ
Toxaphene	mg/kg	< 0.016	< 0.016	< 0.015	< 0.017	< 0.015	< 0.014	< 0.015	< 0.11
Petroleum Products									
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	< 14	41	< 13	< 16	< 14	< 13	< 13	83
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	< 14	< 15	< 13	< 16	< 14	< 13	< 13	41
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 14	< 15	< 13	< 16	< 14	< 13	< 13	< 19
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	< 14	41	< 13	< 16	< 14	< 13	< 13	120
Semi-Volatile Organic Compounds									
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/kg	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.011	< 0.012	< 0.017
2,4,5-Trichlorophenol	mg/kg	< 0.013	< 0.014	< 0.012	< 0.014	< 0.013	< 0.012	< 0.012	< 0.018
2,4,6-Trichlorophenol	mg/kg	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.011	< 0.012	< 0.017
2,4-Dichlorophenol	mg/kg	< 0.0071	< 0.0073	< 0.0067	< 0.0078	< 0.0070	< 0.0064	< 0.0067	< 0.0096
2,4-Dimethylphenol	mg/kg	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.011	< 0.012	< 0.017
2,4-Dinitrophenol	mg/kg	< 0.38 UJ	< 0.39	< 0.36	< 0.41	< 0.37	< 0.34	< 0.36	< 0.51
2,4-Dinitrotoluene	mg/kg	< 0.014	< 0.014	< 0.013	< 0.015	< 0.014	< 0.012	< 0.013	< 0.019
2,6-Dinitrotoluene	mg/kg	< 0.015	< 0.015	< 0.014	< 0.016	< 0.015	< 0.013	< 0.014	< 0.020
2-Chloronaphthalene	mg/kg	< 0.0076	< 0.0078	< 0.0071	< 0.0083	< 0.0075	< 0.0069	< 0.0071	< 0.010
2-Chlorophenol	mg/kg	< 0.011	< 0.012	< 0.011	< 0.012	< 0.011	< 0.010	< 0.011	< 0.015

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-7*	*SLC-7*	*SLC-8*	*SLC-8*	*SLC-8*	*SLC-9*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SE-SLC-7(Refusal)*	*T1-18/10/06-SE-SLC-7(Surface)*	*T1-19/10/06-SE-SLC-8(Mid)*	*T1-19/10/06-SE-SLC-8(Refusal)*	*T1-19/10/06-SE-SLC-8(Surface)*	*T1-18/10/06-SE-SLC-9(Mid)*	*T1-18/10/06-SE-SLC-9(Refusal)*	*T1-18/10/06-SE-SLC-9(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
2-Methylnaphthalene	mg/kg	< 0.001	0.030 J	0.0009 J	0.003	0.004	< 0.0009	< 0.0009	0.011
2-Methylphenol	mg/kg	< 0.013	< 0.014	< 0.012	< 0.014	< 0.013	< 0.012	< 0.012	< 0.018
2-Nitroaniline	mg/kg	< 0.013	< 0.013	< 0.012	< 0.014	< 0.013	< 0.012	< 0.012	< 0.017
2-Nitrophenol	mg/kg	< 0.015	< 0.015	< 0.014	< 0.016	< 0.015	< 0.013	< 0.014	< 0.020
3,3'-Dichlorobenzidine	mg/kg	< 0.076	< 0.078	< 0.071	< 0.083	< 0.075	< 0.069	< 0.071	< 0.10
3-Nitroaniline	mg/kg	< 0.057	< 0.058	< 0.053	< 0.062	< 0.056	< 0.051	< 0.053	< 0.077
4,6-Dinitro-2-methylphenol	mg/kg	< 0.048	< 0.049	< 0.044	< 0.052	< 0.047	< 0.043	< 0.044	< 0.064
4-Bromophenyl phenyl ether	mg/kg	< 0.014	< 0.014	< 0.013	< 0.015	< 0.014	< 0.012	< 0.013	< 0.019
4-Chloro-3-methylphenol	mg/kg	< 0.012	< 0.012	< 0.011	< 0.013	< 0.012	< 0.011	< 0.011	< 0.016
4-Chloroaniline	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051
4-Chlorophenyl phenyl ether	mg/kg	< 0.0067	< 0.0068	< 0.0062	< 0.0072	< 0.0066	< 0.0060	< 0.0062	< 0.0089
4-Methylphenol	mg/kg	< 0.015	< 0.016	< 0.014	< 0.017	< 0.015	< 0.014	< 0.014	< 0.020
4-Nitroaniline	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051
4-Nitrophenol	mg/kg	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.17	< 0.18	< 0.26
Acenaphthene	mg/kg	< 0.001	0.18	< 0.0009	< 0.001	0.001 J	< 0.0009	< 0.0009	0.019
Acenaphthylene	mg/kg	0.0009 J	0.63	0.006	0.026	0.017	0.001 J	0.0006 J	0.39
Acetophenone	mg/kg	< 0.0086	0.010 J	< 0.0080	< 0.0093	< 0.0084	< 0.0077	< 0.0080	0.033 J
Anthracene	mg/kg	< 0.0005	0.16	0.002 J	0.007	0.006	< 0.0004	< 0.0004	0.17
Atrazine	mg/kg	< 0.012	< 0.012	< 0.011	< 0.013	< 0.012	< 0.011	< 0.011	< 0.016
Benzaldehyde	mg/kg	< 0.018	R	< 0.016	0.029 J	0.018 J	R	R	0.093 J
Benzo(a)anthracene	mg/kg	< 0.001	0.056	0.004	0.014	0.017	< 0.0009	< 0.0009	0.083
Benzo(a)pyrene	mg/kg	0.002 J	0.079 J	0.005	0.014	0.017	< 0.0009	< 0.0009	0.14
Benzo(b)fluoranthene	mg/kg	0.002	0.14 J	0.025	0.097	0.085	< 0.002	< 0.002	0.27
Benzo(g,h,i)perylene	mg/kg	0.033	0.069	0.005	0.022	0.019	< 0.001	< 0.001	0.16
Benzo(k)fluoranthene	mg/kg	< 0.001	< 0.001	0.004	0.012	0.014	< 0.001	< 0.001	0.039
Biphenyl	mg/kg	< 0.0086	0.15 J	< 0.0080	< 0.0093	< 0.0084	< 0.0077	< 0.0080	0.014 J
bis(2-Chloroethoxy)methane	mg/kg	< 0.011	< 0.012	< 0.011	< 0.012	< 0.011	< 0.010	< 0.011	< 0.015
bis(2-Chloroethyl)ether	mg/kg	< 0.037	< 0.038	< 0.035	< 0.040	< 0.037	< 0.033	< 0.035	< 0.050
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.095	< 0.097	< 0.089	< 0.10	< 0.094	< 0.086	< 0.089	0.37
Butyl benzylphthalate	mg/kg	< 0.011	< 0.011	< 0.010	< 0.012	< 0.011	< 0.0099	< 0.010	< 0.015
Caprolactam	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051
Carbazole	mg/kg	< 0.0071	0.048 J	< 0.0067	< 0.0078	< 0.0070	< 0.0064	< 0.0067	< 0.0096
Chrysene	mg/kg	0.001 J	0.12 J	0.013	0.071	0.057	< 0.0004	< 0.0004	0.069
Dibenz(a,h)anthracene	mg/kg	< 0.001	0.014	0.002	0.008	0.007	< 0.001	< 0.001	0.036
Dibenzofuran	mg/kg	< 0.0076	0.061 J	< 0.0071	< 0.0083	< 0.0075	< 0.0069	< 0.0071	0.013 J
Diethyl phthalate	mg/kg	< 0.0067	< 0.0068	< 0.0062	< 0.0072	< 0.0066	< 0.0060	< 0.0062	< 0.0089
Dimethyl phthalate	mg/kg	< 0.0052	< 0.0054	< 0.0049	< 0.0057	< 0.0051	< 0.0047	< 0.0049	< 0.0070
Di-n-butylphthalate	mg/kg	< 0.0090	0.15 J	< 0.0084	< 0.0098	< 0.0089	< 0.0082	< 0.0084	0.021 J
Di-n-octyl phthalate	mg/kg	< 0.0067	< 0.0068	< 0.0062	< 0.0072	< 0.0066	< 0.0060	< 0.0062	< 0.0089
Fluoranthene	mg/kg	0.002 J	0.17 J	0.017	0.076	0.082	< 0.0009	< 0.0009	0.16
Fluorene	mg/kg	< 0.001	0.073	0.004	0.015	0.015	< 0.0009	< 0.0009	0.034
Hexachlorobenzene	mg/kg	< 0.010	< 0.011	< 0.0098	< 0.011	< 0.010	< 0.0094	< 0.0098	< 0.014
Hexachlorobutadiene	mg/kg	< 0.034	< 0.035	< 0.032	< 0.037	< 0.033	< 0.030	< 0.032	< 0.045
Hexachlorocyclopentadiene	mg/kg	< 0.15	R	< 0.14 UJ	< 0.17 UJ	< 0.15 UJ	< 0.14	< 0.14	< 0.20
Hexachloroethane	mg/kg	< 0.024	< 0.025	< 0.023	< 0.026	< 0.024	< 0.022	< 0.023	< 0.033
Indeno(1,2,3-cd)pyrene	mg/kg	0.002 J	0.046	0.009	0.031	0.029	< 0.001	< 0.001	0.18
Isophorone	mg/kg	< 0.016	< 0.016	< 0.015	< 0.017	< 0.015	< 0.014	< 0.015	< 0.021
Naphthalene	mg/kg	< 0.001	0.13 J	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	0.009
Nitrobenzene	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-7*	*SLC-7*	*SLC-8*	*SLC-8*	*SLC-8*	*SLC-9*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SE-SLC-7(Refusal)*	*T1-18/10/06-SE-SLC-7(Surface)*	*T1-19/10/06-SE-SLC-8(Mid)*	*T1-19/10/06-SE-SLC-8(Refusal)*	*T1-19/10/06-SE-SLC-8(Surface)*	*T1-18/10/06-SE-SLC-9(Mid)*	*T1-18/10/06-SE-SLC-9(Refusal)*	*T1-18/10/06-SE-SLC-9(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*								
Semi-Volatiles (Cont'd.)									
N-Nitrosodi-n-propylamine	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051
N-Nitrosodiphenylamine	mg/kg	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.011	< 0.012	0.021 J
Pentachlorophenol	mg/kg	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.17	< 0.18	< 0.26
Phenanthrene	mg/kg	0.001 J	0.17 J	0.006	0.014	0.019	< 0.0009	< 0.0009	0.051
Phenol	mg/kg	< 0.038	< 0.039	< 0.036	< 0.041	< 0.037	< 0.034	< 0.036	< 0.051
Pyrene	mg/kg	0.003	0.16	0.007	0.033	0.028	< 0.0009	< 0.0009	0.14
Volatile Organic Compounds									
1,1,1-Trichloroethane	mg/kg	< 0.00013	< 0.00013	< 0.00012	< 0.00014	< 0.00013 UJ	< 0.00012	< 0.00012	< 0.00017
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00033	< 0.00033 UJ	< 0.00031	< 0.00036	< 0.00032 UJ	< 0.00030	< 0.00030	< 0.00044
1,1,2-Trichloroethane	mg/kg	< 0.00038	< 0.00039	< 0.00036	< 0.00042	< 0.00038 UJ	< 0.00035	< 0.00036	< 0.00051
1,1-Dichloroethane	mg/kg	< 0.00014	< 0.00014	< 0.00013	< 0.00016	< 0.00014 UJ	< 0.00013	< 0.00013	< 0.00019
1,1-Dichloroethene	mg/kg	< 0.00055	< 0.00056	< 0.00052	< 0.00060	< 0.00055 UJ	< 0.00050	< 0.00052	< 0.00074
1,2,4-Trichlorobenzene	mg/kg	< 0.00026	< 0.00026 UJ	< 0.00024	< 0.00028	< 0.00025 UJ	< 0.00023	< 0.00024	< 0.00034
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00028	< 0.00029 UJ	< 0.00027	< 0.00031	< 0.00028 UJ	< 0.00026	< 0.00026	< 0.00038
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00018	< 0.00019	< 0.00017	< 0.00020	< 0.00018 UJ	< 0.00017	< 0.00017	< 0.00025
1,2-Dichlorobenzene	mg/kg	< 0.00013	< 0.00014 UJ	< 0.00012	< 0.00014	< 0.00013 UJ	< 0.00012	< 0.00012	< 0.00017
1,2-Dichloroethane	mg/kg	< 0.00021	< 0.00022	< 0.00020	< 0.00023	< 0.00021 UJ	0.0016 J	0.0026 J	< 0.00029
1,2-Dichloropropane	mg/kg	< 0.00024	< 0.00025	< 0.00023	< 0.00026	< 0.00024 UJ	< 0.00028	< 0.00047	< 0.00032
1,3-Dichlorobenzene	mg/kg	< 0.00017	< 0.00017 UJ	< 0.00016	< 0.00019	< 0.00017 UJ	< 0.00015	< 0.00016	< 0.00023
1,4-Dichlorobenzene	mg/kg	< 0.00023	< 0.00023 UJ	< 0.00021	< 0.00025	< 0.00022 UJ	< 0.00021	< 0.00021	< 0.00030
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0017	< 0.012	< 0.0016	< 0.0058	< 0.011 UJ	< 0.0016	< 0.0016	< 0.0040
2-Hexanone	mg/kg	< 0.0012	< 0.0012	< 0.0011	< 0.0013	< 0.0011 UJ	< 0.0011	< 0.0011	< 0.0016
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/kg	< 0.00055	< 0.00056	< 0.00052	< 0.00060	< 0.00055 UJ	< 0.00050	< 0.00052	< 0.00074
Acetone	mg/kg	< 0.0095 UJ	0.11 J	< 0.034 UJ	0.077 J	0.089 J	< 0.010 UJ	< 0.010 UJ	< 0.032 UJ
Benzene	mg/kg	0.00016 J	< 0.00014	< 0.00013	< 0.00016	< 0.00014 UJ	< 0.00013	< 0.00013	< 0.00019
Bromodichloromethane	mg/kg	< 0.00011	< 0.00012	< 0.00011	< 0.00012	< 0.00011 UJ	< 0.00010	< 0.00011	< 0.00015
Bromoform	mg/kg	< 0.00017	< 0.00017	< 0.00016	< 0.00019	< 0.00017 UJ	< 0.00015	< 0.00016	< 0.00023
Bromomethane (Methyl Bromide)	mg/kg	< 0.00036	< 0.00036	< 0.00033	< 0.00039	< 0.00035 UJ	< 0.00032	< 0.00033	< 0.00048
Carbon disulfide	mg/kg	< 0.00050	0.0031 J	< 0.00007	< 0.00008	< 0.00007 UJ	< 0.00016	< 0.00015	0.0023 J
Carbon tetrachloride	mg/kg	< 0.00020	< 0.00020	< 0.00019	< 0.00022	< 0.00020 UJ	< 0.00018	< 0.00019	< 0.00027
Chlorobenzene	mg/kg	< 0.00016	< 0.00016	< 0.00015	< 0.00017	< 0.00015 UJ	< 0.00014	< 0.00015	< 0.00021
Chloroethane	mg/kg	< 0.00018	< 0.00019	< 0.00017	< 0.00020	< 0.00018 UJ	< 0.00017	< 0.00017	< 0.00025
Chloroform (Trichloromethane)	mg/kg	< 0.00017	< 0.00017	< 0.00016	< 0.00019	< 0.00017 UJ	< 0.00015	< 0.00016	< 0.00023
Chloromethane (Methyl Chloride)	mg/kg	< 0.00047	< 0.00048	< 0.00044	< 0.00051	< 0.00046 UJ	< 0.00042	< 0.00044	< 0.00063
cis-1,2-Dichloroethene	mg/kg	< 0.00027	< 0.00027	< 0.00025	< 0.00029	< 0.00027 UJ	< 0.00024	< 0.00025	< 0.00036
cis-1,3-Dichloropropene	mg/kg	< 0.00023	< 0.00023	< 0.00021	< 0.00025	< 0.00022 UJ	< 0.00021	< 0.00021	< 0.00030
Cyclohexane	mg/kg	< 0.00011	< 0.00012	< 0.00019	< 0.00012	< 0.00011 UJ	< 0.00010	< 0.00011	< 0.00072 UJ
Dibromochloromethane	mg/kg	< 0.00007	< 0.00007	< 0.00007	< 0.00008	< 0.00007 UJ	< 0.00006	< 0.00007	< 0.0001
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00017	< 0.00017	< 0.00016	< 0.00019	< 0.00017 UJ	< 0.00015	< 0.00016	< 0.00023
Ethylbenzene	mg/kg	< 0.00009	< 0.00021	< 0.00008	< 0.00009	< 0.00010 UJ	< 0.00008	< 0.00008	< 0.00011
Isopropylbenzene	mg/kg	< 0.00009	0.00022 J	< 0.00008	< 0.00009	< 0.00008 UJ	< 0.00008	< 0.00008	< 0.00011
m&p-Xylene	mg/kg	< 0.00024	< 0.00073	< 0.00023	< 0.00026	< 0.00024 UJ	< 0.00022	< 0.00023	< 0.00032
Methyl acetate	mg/kg	< 0.00085	< 0.00087	< 0.00080	< 0.00093	< 0.00084 UJ	< 0.00077	< 0.00079	< 0.0011
Methyl cyclohexane	mg/kg	< 0.00016	< 0.00016	< 0.00015	< 0.00017	< 0.00015 UJ	< 0.00014	< 0.00015	< 0.00021
Methyl Tert Butyl Ether	mg/kg	< 0.00030	< 0.00030	< 0.00028	< 0.00032	< 0.00029 UJ	< 0.00027	< 0.00028	< 0.00040
Methylene chloride	mg/kg	< 0.00034	< 0.0020	< 0.00032	< 0.00037	< 0.00034 UJ	0.0048 J	< 0.0033	< 0.00046
o-Xylene	mg/kg	0.0022 J	0.0024 J	< 0.00023	< 0.00026	0.0022 J	< 0.00022	< 0.00023	0.0029 J
Styrene	mg/kg	< 0.00014	0.0016 J	< 0.00013	< 0.00016	< 0.00014 UJ	< 0.00013	< 0.00013	0.0019 J

TABLE 2B

ANALYTICAL RESULTS SUMMARY - SEDIMENT SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*SLC-7*	*SLC-7*	*SLC-8*	*SLC-8*	*SLC-8*	*SLC-9*	*SLC-9*	*SLC-9*
	Sample ID:	*T1-18/10/06-SE-SLC-7(Refusal)*	*T1-18/10/06-SE-SLC-7(Surface)*	*T1-19/10/06-SE-SLC-8(Mid)*	*T1-19/10/06-SE-SLC-8(Refusal)*	*T1-19/10/06-SE-SLC-8(Surface)*	*T1-18/10/06-SE-SLC-9(Mid)*	*T1-18/10/06-SE-SLC-9(Refusal)*	*T1-18/10/06-SE-SLC-9(Surface)*
	Sample Date:	*10/18/2006*	*10/18/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/18/2006*	*10/18/2006*	*10/18/2006*
Parameters	*Units*								
Volatiles (Cont'd.)									
Tetrachloroethene	mg/kg	< 0.00009	< 0.00009	< 0.00008	< 0.00009	< 0.00008 UJ	< 0.00008	< 0.00008	< 0.00011
Toluene	mg/kg	< 0.00047	< 0.00043	< 0.00042	< 0.00050	< 0.00037 UJ	< 0.00010	< 0.00025	< 0.0012
trans-1,2-Dichloroethene	mg/kg	< 0.00017	< 0.00017	< 0.00016	< 0.00019	< 0.00017 UJ	< 0.00015	< 0.00016	< 0.00023
trans-1,3-Dichloropropene	mg/kg	< 0.00018	< 0.00019	< 0.00017	< 0.00020	< 0.00018 UJ	< 0.00017	< 0.00017	< 0.00025
Trichloroethene	mg/kg	< 0.00021	< 0.00022	< 0.00020	< 0.00023	< 0.00021 UJ	< 0.00019	< 0.00020	< 0.00029
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00041	< 0.00042	< 0.00039	< 0.00045	< 0.00041 UJ	< 0.00037	< 0.00038	< 0.00055
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00016	0.00035 J	< 0.00015	< 0.00017	< 0.00015 UJ	< 0.00014	< 0.00015	< 0.00021
Vinyl chloride	mg/kg	< 0.00023	< 0.00023	< 0.00021	< 0.00025	< 0.00022 UJ	< 0.00021	< 0.00021	< 0.00030
General Chemistry									
Cyanide (total)	mg/kg	< 0.26	< 0.26	< 0.23	< 0.28	< 0.24	< 0.22	< 0.23	< 0.33
Moisture	%	29.9	31.5	24.9	35.5	28.8	22.3	24.9	47.8
Sulfide (Acid Volatile)	umol/g	-	36.5	-	-	< 0.55	-	-	4.2
Total Organic Carbon (TOC)	mg/kg	< 2000	20800	2350	4060	7400	< 2000	< 2000	11900

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation l imit is an estimated quantity.

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Grain Size 0.001 mm	% passed	13.0	< 0.50	< 0.50	28.0
Grain Size 0.002 mm	% passed	14.0	< 0.50	7.0	29.0
Grain Size 0.005 mm	% passed	16.0	1.0	15.0	31.0
Grain Size 0.02 mm	% passed	27.0	19.0	25.0	48.0
Grain Size 0.05 mm	% passed	39.0	31.0	39.5	68.0
Grain Size 0.064 mm	% passed	44.5	34.5	45.5	79.0
Grain Size 0.075 mm	% passed	48.3	36.8	49.1	84.8
Grain Size 0.15 mm	% passed	64.6	50.6	61.3	97.3
Grain Size 0.3 mm	% passed	76.7	62.7	72.4	98.0
Grain Size 0.6 mm	% passed	84.7	73.7	82.4	98.1
Grain Size 1.18 mm	% passed	91.7	86.2	91.6	98.1
Grain Size 19 mm	% passed	100	100	100	100
Grain Size 2.36 mm	% passed	97.8	98.4	97.6	98.2
Grain Size 3.35 mm	% passed	99.7	99.1	98.8	99.6
Grain Size 37.5 mm	% passed	100	100	100	100
Grain Size 4.75 mm	% passed	99.8	99.6	99.5	99.8
Grain Size 75 mm	% passed	100	100	100	100
Metals					
Aluminum	mg/kg	22300	13300	25400	29900
Antimony	mg/kg	< 1.23 UJ	< 2.76 UJ	< 1.74 UJ	< 1.27 UJ
Arsenic	mg/kg	7.73	4.92 J	8.49 J	9.34
Barium	mg/kg	133 J	25.3 J	81.3 J	209 J
Beryllium	mg/kg	0.708 J	0.428 J	0.791 J	1.76 J
Cadmium	mg/kg	0.383 J	0.352 J	0.598 J	0.444 J
Calcium	mg/kg	225000	365000	194000	9680
Chromium Total	mg/kg	93.7	17.3	59.3	28.1
Chromium VI (Hexavalent)	mg/kg	2.1	< 1.2	< 0.78	< 2.3
Cobalt	mg/kg	3.54 J	2.08 J	3.78 J	11.5
Copper	mg/kg	12.9	14.4 J	20.5	15.9
Iron	mg/kg	10400 J	5680 J	13600 J	31900 J
Lead	mg/kg	451	13.4 J	33.7	24.4
Magnesium	mg/kg	2870	3690	4240	3230
Manganese	mg/kg	225 J	190 J	322 J	425 J
Mercury	mg/kg	0.112 J	0.0796 J	0.267	0.0328 J
Nickel	mg/kg	13.2	10.3 J	13.7	18.5
Potassium	mg/kg	1090 J	406 J	1430 J	1760 J

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Metals (Cont'd.)					
Selenium	mg/kg	0.744 J	< 1.10	< 0.700	0.628 J
Silver	mg/kg	1.34 J	0.541 J	0.745 J	0.345 J
Sodium	mg/kg	1190 J	< 264 UJ	< 287 UJ	< 157 UJ
Thallium	mg/kg	0.159 J	< 0.0279	0.0978 J	0.199 J
Vanadium	mg/kg	33.0	57.7	63.2	45.9
Zinc	mg/kg	88.9	36.0	66.3	45.9
Polychlorinated Biphenyls					
Aroclor-1016 (PCB-1016)	mg/kg	< 1.1	< 0.010	< 0.0064	< 0.024
Aroclor-1221 (PCB-1221)	mg/kg	< 1.8	< 0.016	< 0.010	< 0.037
Aroclor-1232 (PCB-1232)	mg/kg	< 1.1	< 0.010	< 0.0064	< 0.024
Aroclor-1242 (PCB-1242)	mg/kg	< 1.1	< 0.010	< 0.0064	< 0.024
Aroclor-1248 (PCB-1248)	mg/kg	< 1.1	< 0.010	< 0.0064	< 0.024
Aroclor-1254 (PCB-1254)	mg/kg	< 1.1	0.048 J	0.059	< 0.024
Aroclor-1260 (PCB-1260)	mg/kg	< 1.1	< 0.010	< 0.0064	< 0.024
Pesticides					
4,4'-DDD	mg/kg	< 0.023	< 0.0010	< 0.00064	< 0.0024
4,4'-DDE	mg/kg	0.23 JN	< 0.0010	< 0.0029	0.0032 JN
4,4'-DDT	mg/kg	< 0.023 UJ	< 0.0010 UJ	< 0.0033 UJ	< 0.0024 UJ
Aldrin	mg/kg	0.080 J	< 0.00058	< 0.00037	< 0.0014
alpha-BHC	mg/kg	< 0.023	< 0.0010	< 0.00064	< 0.0024
alpha-Chlordane	mg/kg	< 0.012	< 0.00052	< 0.00033	< 0.0012
beta-BHC	mg/kg	< 0.042	< 0.0019	< 0.0012	< 0.0044
delta-BHC	mg/kg	0.023 J	< 0.00052	< 0.00033	< 0.0012
Dieldrin	mg/kg	0.19 J	< 0.0010	< 0.00064	< 0.013
Endosulfan I	mg/kg	0.10 JN	< 0.00067	< 0.0011	0.0033 JN
Endosulfan II	mg/kg	< 0.023	< 0.0010	< 0.0017	< 0.0024
Endosulfan sulfate	mg/kg	< 0.023	< 0.0010	< 0.00064	< 0.0024
Endrin	mg/kg	0.077 JN	< 0.0010	< 0.00064	< 0.0024
Endrin aldehyde	mg/kg	0.024 J	< 0.0010 UJ	< 0.00064 UJ	< 0.0024 UJ
Endrin ketone	mg/kg	0.023 J	0.0020 J	< 0.00064 UJ	< 0.0024 UJ
gamma-BHC (Lindane)	mg/kg	0.018 J	< 0.00052	< 0.00033	< 0.0012
gamma-Chlordane	mg/kg	< 0.069	< 0.0031	< 0.0019	< 0.0072
Heptachlor	mg/kg	0.034 J	< 0.00052 UJ	< 0.00033 UJ	< 0.0012 UJ
Heptachlor epoxide	mg/kg	< 0.012	< 0.00052	< 0.00033	< 0.0012

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Pesticides (continued)					
Methoxychlor	mg/kg	< 0.12 UJ	< 0.0052 UJ	< 0.0033 UJ	< 0.012 UJ
Toxaphene	mg/kg	< 0.75	< 0.034	< 0.021	< 0.079
Petroleum Products					
Total Petroleum Hydrocarbons (>C12-C28)	mg/kg	120 J	96	30 J	< 14
Total Petroleum Hydrocarbons (>C28-C35)	mg/kg	28 J	< 31	< 19	< 14
Total Petroleum Hydrocarbons (C6-C12)	mg/kg	< 14 UJ	< 31	< 19	< 14
Total Petroleum Hydrocarbons (C6-C35)	mg/kg	150 J	96	30 J	< 14
Semi-Volatile Organic Compounds					
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl)	mg/kg	0.029 J	< 0.027	< 0.017	< 0.012
2,4,5-Trichlorophenol	mg/kg	< 0.013	< 0.029	< 0.018	< 0.013
2,4,6-Trichlorophenol	mg/kg	< 0.012	< 0.027	< 0.017	< 0.012
2,4-Dichlorophenol	mg/kg	< 0.0069	< 0.015	< 0.0097	< 0.0072
2,4-Dimethylphenol	mg/kg	< 0.012	< 0.027	< 0.017	< 0.012
2,4-Dinitrophenol	mg/kg	< 0.37	< 0.82	< 0.52	< 0.38
2,4-Dinitrotoluene	mg/kg	< 0.013	< 0.030	< 0.019	< 0.014
2,6-Dinitrotoluene	mg/kg	< 0.014	< 0.032	< 0.020	< 0.015
2-Chloronaphthalene	mg/kg	< 0.0073	< 0.016	< 0.010	< 0.0077
2-Chlorophenol	mg/kg	< 0.011	< 0.024	< 0.016	< 0.011
2-Methylnaphthalene	mg/kg	0.034	0.32	0.047	0.003
2-Methylphenol	mg/kg	< 0.013	< 0.029	< 0.018	< 0.013
2-Nitroaniline	mg/kg	< 0.012	< 0.028	< 0.018	< 0.013
2-Nitrophenol	mg/kg	< 0.014	< 0.032	< 0.020	< 0.015
3,3'-Dichlorobenzidine	mg/kg	< 0.073	< 0.16	< 0.10	< 0.077
3-Nitroaniline	mg/kg	< 0.055	< 0.12	< 0.078	< 0.057
4,6-Dinitro-2-methylphenol	mg/kg	< 0.046	< 0.10	< 0.065	< 0.048
4-Bromophenyl phenyl ether	mg/kg	< 0.013	< 0.030	< 0.019	< 0.014
4-Chloro-3-methylphenol	mg/kg	< 0.011	< 0.025	< 0.016	< 0.012
4-Chloroaniline	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
4-Chlorophenyl phenyl ether	mg/kg	< 0.0064	< 0.014	< 0.0091	< 0.0067
4-Methylphenol	mg/kg	< 0.015	< 0.033	< 0.021	< 0.015
4-Nitroaniline	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
4-Nitrophenol	mg/kg	< 0.18	< 0.41	< 0.26	< 0.19
Acenaphthene	mg/kg	0.070	0.030	0.090	0.004
Acenaphthylene	mg/kg	9.9	1.4	3.3	0.28

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Semi-Volatiles (Cont'd.)					
Acetophenone	mg/kg	0.022 J	0.028 J	0.019 J	< 0.0086
Anthracene	mg/kg	1.4	0.13	0.44	0.030
Atrazine	mg/kg	< 0.011	< 0.025	< 0.016	< 0.012
Benzaldehyde	mg/kg	0.037 J	0.047 J	< 0.024	< 0.018
Benzo(a)anthracene	mg/kg	0.47	0.25	0.34	0.020
Benzo(a)pyrene	mg/kg	0.58	0.078	0.33	0.029
Benzo(b)fluoranthene	mg/kg	0.61	0.23	0.36	0.037
Benzo(g,h,i)perylene	mg/kg	0.38	0.074	0.15	0.019
Benzo(k)fluoranthene	mg/kg	< 0.001	< 0.003	< 0.002	< 0.001
Biphenyl	mg/kg	0.048 J	0.34 J	0.12 J	< 0.0086
bis(2-Chloroethoxy)methane	mg/kg	< 0.011	< 0.024	< 0.016	< 0.011
bis(2-Chloroethyl)ether	mg/kg	< 0.036	< 0.080	< 0.051	< 0.037
bis(2-Ethylhexyl)phthalate	mg/kg	< 0.091	< 0.20	< 0.13	< 0.096
Butyl benzylphthalate	mg/kg	< 0.011	< 0.023	< 0.015	< 0.011
Caprolactam	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
Carbazole	mg/kg	< 0.0069	0.018 J	< 0.0097	< 0.0072
Chrysene	mg/kg	0.45	0.45	0.38	0.026
Dibenz(a,h)anthracene	mg/kg	0.10	0.024	0.048	0.006
Dibenzofuran	mg/kg	< 0.0073	< 0.016	< 0.010	< 0.0077
Diethyl phthalate	mg/kg	< 0.0064	< 0.014	< 0.0091	< 0.0067
Dimethyl phthalate	mg/kg	< 0.0050	< 0.011	< 0.0071	< 0.0053
Di-n-butylphthalate	mg/kg	< 0.0087	0.025 J	< 0.012	< 0.0091
Di-n-octyl phthalate	mg/kg	< 0.0064	< 0.014	< 0.0091	< 0.0067
Fluoranthene	mg/kg	0.45	0.79	0.58	0.027
Fluorene	mg/kg	0.50	0.081	0.39	0.017
Hexachlorobenzene	mg/kg	0.029 J	< 0.022	< 0.014	< 0.011
Hexachlorobutadiene	mg/kg	< 0.032	< 0.072	< 0.046	< 0.034
Hexachlorocyclopentadiene	mg/kg	< 0.15	< 0.33	< 0.21	< 0.15
Hexachloroethane	mg/kg	< 0.023	< 0.052	< 0.033	< 0.024
Indeno(1,2,3-cd)pyrene	mg/kg	0.28	0.055	0.10	0.014
Isophorone	mg/kg	< 0.015	< 0.034	< 0.021	< 0.016
Naphthalene	mg/kg	0.077	0.39	0.047	0.009
Nitrobenzene	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
N-Nitrosodi-n-propylamine	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
N-Nitrosodiphenylamine	mg/kg	< 0.012	< 0.027	< 0.017	< 0.012
Pentachlorophenol	mg/kg	0.19 J	< 0.41	< 0.26	< 0.19

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Semi-Volatiles (Cont'd.)					
Phenanthrene	mg/kg	0.24	2.6	1.1	0.016
Phenol	mg/kg	< 0.037	< 0.082	< 0.052	< 0.038
Pyrene	mg/kg	1.3	1.4	1.2	0.074
Volatile Organic Compounds					
1,1,1-Trichloroethane	mg/kg	< 0.00012 UJ	< 0.00028 UJ	< 0.00018	< 0.00013
1,1,2,2-Tetrachloroethane	mg/kg	< 0.00032 UJ	R	< 0.00045	< 0.00033
1,1,2-Trichloroethane	mg/kg	< 0.00037 UJ	< 0.00083 UJ	< 0.00053	< 0.00039
1,1-Dichloroethane	mg/kg	< 0.00014 UJ	< 0.00031 UJ	< 0.00019	< 0.00014
1,1-Dichloroethene	mg/kg	< 0.00053 UJ	< 0.0012 UJ	< 0.00076	< 0.00056
1,2,4-Trichlorobenzene	mg/kg	< 0.00025 UJ	< 0.00055 UJ	< 0.00035	< 0.00026
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	< 0.00027 UJ	< 0.00061 UJ	< 0.00039	< 0.00029
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	< 0.00018 UJ	< 0.00040 UJ	< 0.00025	< 0.00019
1,2-Dichlorobenzene	mg/kg	< 0.00012 UJ	< 0.00028 UJ	< 0.00018	< 0.00013
1,2-Dichloroethane	mg/kg	< 0.00021 UJ	< 0.00046 UJ	< 0.00029	< 0.00021
1,2-Dichloropropane	mg/kg	< 0.00023 UJ	< 0.00052 UJ	< 0.00033	< 0.00024
1,3-Dichlorobenzene	mg/kg	< 0.00016 UJ	< 0.00037 UJ	< 0.00023	< 0.00017
1,4-Dichlorobenzene	mg/kg	< 0.00022 UJ	< 0.00049 UJ	< 0.00031	< 0.00023
2-Butanone (Methyl Ethyl Ketone)	mg/kg	< 0.0017 UJ	< 0.017 UJ	< 0.0024	< 0.0017
2-Hexanone	mg/kg	< 0.0011 UJ	< 0.0025 UJ	< 0.0016	< 0.0012
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	< 0.00053 UJ	< 0.0012 UJ	< 0.00076	< 0.00056
Acetone	mg/kg	R	< 0.20 UJ	< 0.020 UJ	< 0.015 UJ
Benzene	mg/kg	< 0.00014 UJ	0.00039 J	< 0.00019	< 0.00014
Bromodichloromethane	mg/kg	< 0.00011 UJ	< 0.00024 UJ	< 0.00016	< 0.00011
Bromoform	mg/kg	< 0.00016 UJ	< 0.00037 UJ	< 0.00023	< 0.00017
Bromomethane (Methyl Bromide)	mg/kg	< 0.00034 UJ	< 0.00076 UJ	< 0.00049	< 0.00036
Carbon disulfide	mg/kg	< 0.00007 UJ	< 0.00015 UJ	< 0.0001	< 0.00007
Carbon tetrachloride	mg/kg	< 0.00019 UJ	< 0.00043 UJ	< 0.00027	< 0.00020
Chlorobenzene	mg/kg	< 0.00015 UJ	< 0.00034 UJ	< 0.00021	< 0.00016
Chloroethane	mg/kg	< 0.00018 UJ	< 0.00040 UJ	< 0.00025	< 0.00019
Chloroform (Trichloromethane)	mg/kg	< 0.00016 UJ	< 0.00052 UJ	< 0.00023	< 0.00017
Chloromethane (Methyl Chloride)	mg/kg	< 0.00045 UJ	< 0.0010 UJ	< 0.00064	< 0.00047
cis-1,2-Dichloroethene	mg/kg	< 0.00026 UJ	< 0.00058 UJ	< 0.00037	< 0.00027
cis-1,3-Dichloropropene	mg/kg	< 0.00022 UJ	< 0.00049 UJ	< 0.00031	< 0.00023
Cyclohexane	mg/kg	< 0.00011 UJ	< 0.00024 UJ	< 0.00016	< 0.00011
Dibromochloromethane	mg/kg	< 0.00007 UJ	< 0.00015 UJ	< 0.0001	< 0.00007

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

	Sample Location:	*JC-8*	*JC-9*	*JC-10*	*JC-11*
	Sample ID:	*T1-19/10/06-SO-JC-8(0-2)*	*T1-19/10/06-SO-JC-9(0-2)*	*T1-19/10/06-SO-JC-10(0-2)*	*T1-19/10/06-SO-JC-11(0-2)*
	Sample Date:	*10/19/2006*	*10/19/2006*	*10/19/2006*	*10/19/2006*
	Sample Depth:	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Parameters	*Units*				
Geotech					
Volatiles (Cont'd.)					
Dichlorodifluoromethane (CFC-12)	mg/kg	< 0.00016 UJ	< 0.00037 UJ	< 0.00023	< 0.00017
Ethylbenzene	mg/kg	< 0.00008 UJ	< 0.00038 UJ	< 0.00012	< 0.00009
Isopropylbenzene	mg/kg	< 0.00008 UJ	< 0.00018 UJ	< 0.00012	< 0.00009
m&p-Xylene	mg/kg	< 0.00023 UJ	0.00077 J	< 0.00033	< 0.00024
Methyl acetate	mg/kg	< 0.00082 UJ	R	< 0.0012	< 0.00086
Methyl cyclohexane	mg/kg	< 0.00015 UJ	< 0.00034 UJ	< 0.00021	< 0.00016
Methyl Tert Butyl Ether	mg/kg	< 0.00029 UJ	< 0.00064 UJ	< 0.00041	< 0.00030
Methylene chloride	mg/kg	< 0.0033 UJ	< 0.0011 UJ	< 0.00047	< 0.00034
o-Xylene	mg/kg	< 0.00023 UJ	0.0050 J	< 0.00033	0.0023 J
Styrene	mg/kg	< 0.00014 UJ	< 0.00031 UJ	< 0.00019	< 0.00014
Tetrachloroethene	mg/kg	< 0.00008 UJ	< 0.00018 UJ	< 0.00012	< 0.00009
Toluene	mg/kg	< 0.00014 UJ	< 0.00091 UJ	< 0.00047	< 0.00043
trans-1,2-Dichloroethene	mg/kg	< 0.00016 UJ	< 0.00037 UJ	< 0.00023	< 0.00017
trans-1,3-Dichloropropene	mg/kg	< 0.00018 UJ	< 0.00040 UJ	< 0.00025	< 0.00019
Trichloroethene	mg/kg	< 0.00021 UJ	< 0.00046 UJ	< 0.00029	< 0.00021
Trichlorofluoromethane (CFC-11)	mg/kg	< 0.00040 UJ	< 0.00089 UJ	< 0.00057	< 0.00042
Trifluorotrichloroethane (Freon 113)	mg/kg	< 0.00015 UJ	< 0.00034 UJ	< 0.00021	< 0.00016
Vinyl chloride	mg/kg	< 0.00022 UJ	< 0.00049 UJ	< 0.00031	< 0.00023
General Chemistry					
Cyanide (total)	mg/kg	< 0.25	< 0.52	< 0.34	< 0.24
Moisture	%	27.1	67.3	48.7	30.4
Total Organic Carbon (TOC)	mg/kg	21100	3030	5480	1220 J

Notes:
< Not detected at or above the associated value.
BHC Benzene Hexachloride.
J Estimated.
JN Presumptively present at estimated value.
PCBs Polychlorinated Biphenyls.
R Rejected.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3

SAMPLE HOLDING TIME CRITERIA AND ANALYTICAL METHODS SUMMARY
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Matrix*	*Analytical Method*	*Collection to Extraction (Days)*	*Collection/Extraction to Analysis (Days)*
VOCs	Surface Water/ Sediment/Soil	8260B [(1)]	-	14
SVOCs	Surface Water	8270C [(1)]	7	40
SVOCs	Sediment/Soil	8270C [(1)]	14	40
PAHs	Surface Water	8270SIM [(1)]	7	40
PAHs	Sediment/Soil	8270SIM [(1)]	14	40
Pesticides	Surface Water	8080A [(1)]	7	40
Pesticides	Sediment/Soil	8080A [(1)]	14	40
PCBs	Surface Water	8082 [(1)]	7	40
PCBs	Sediment/Soil	8082 [(1)]	14	40
TPH	Surface Water/ Sediment/Soil	1005 [(2)]	-	14
Total and Dissolved Metals (Except Mercury)	Surface Water	6020/6010B [(1)]	-	180
Total Metals (Except Mercury)	Sediment/Soil	6020/6010B [(1)]	-	180
Total and Dissolved Mercury	Surface Water	7470A [(1)]	-	28
Total Mercury	Sediment/Soil	7471A [(1)]	-	28
Total and Dissolved Hexavalent Chromium	Surface Water	7196A [(1)]	-	1
Total Hexavalent Chromium	Sediment/Soil	7196A [(1)]	-	28
Total and Dissolved Cyanide	Surface Water	9012A [(1)]	-	14
Total Cyanide	Sediment/Soil	9012A [(1)]	-	14
AVS/SEM	Sediment	SOP 1630 [(3)]	-	14
TOC	Sediment/Soil	Walkley-Black	-	28
Percent Moisture	Sediment/Soil	160.3M [(4)]	-	7
Particle Size	Sediment/Soil	ASTM D422 [(5)]	-	-

Notes:

(1) Referenced from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, 1986, and subsequent revisions.
(2) Texas Natural Resource Conservation Commission (TNRCC) Total Petroleum Hydrocarbons, TNRCC Method 1005, Revision 03, June 1, 2001.
(3) Lancaster Laboratories SOP 1630 Acid Volatile Sulfides and Simultaneously Extracted Metals.
(4) Referenced from "Methods for Chemical Analysis of Water and Wastes", USEPA 600/4-79-020, March 1983 and subsequent revisions.
(5) Referenced from "Standard Test Method for Particle-Size Analysis of Soils", ASTM, November 2002 and subsequent revisions.

ASTM American Society for Testing and Materials.
AVS Acid Volatile Sulfide.
PAHs Polynuclear Aromatic Hydrocarbons.
PCBs Polychlorinated Biphenyls.
SEM Simultaneously Extracted Metals.
SIM Selective Ion Monitoring.
SVOCs Semi-volatile Organic Compounds.
TOC Total Organic Carbon.
TPH Total Petroleum Hydrocarbons.
USEPA United States Environmental Protection Agency.
VOCs Volatile Organic Compounds.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO INADEQUATE PRESERVATION
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analyte*	*Required pH*	*Sample ID*	*Sample Result*	*Units*	*Qualifier*
Metals	All Dissolved Metals	<2	T1-12/10/06-SW-SLC-1	See Table 2	mg/L	J/ UJ
			T1-12/10/06-SW-SLC-2	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-MB-1	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-SLC-3	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-SLC-4	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-MB-4	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-MB-6	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-SLC-5	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-MB-27	See Table 2	mg/L	J/ UJ
			T1-13/10/06-SW-SLC-7	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-21	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-SLC-8	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-24	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-28	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-29	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-10	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-JC-1	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-18	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-13	See Table 2	mg/L	J/ UJ
			T1-18/10/06-SW-MB-14	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-2	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-3	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-4	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-5	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-6	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-JC-7	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-WR-1	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-WR-2	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-GSUC-1	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-GSUC-2	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-GSUC-3	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-MB-32	See Table 2	mg/L	J/ UJ
			T1-19/10/06-SW-SLC-9	See Table 2	mg/L	J/ UJ
General Chemistry	Cyanide (Dissolved)	>12	T1-12/10/06-SW-SLC-1	0.0050 U	mg/L	UJ
			T1-12/10/06-SW-SLC-2	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-1	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-3	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-4	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-4	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-6	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-5	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-27	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-7	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-21	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-SLC-8	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-24	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-28	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-29	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-10	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-JC-1	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-18	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-13	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-14	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-3	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-4	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-5	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-6	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-7	0.0050 U	mg/L	UJ

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO INADEQUATE PRESERVATION
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analyte*	*Required pH*	*Sample ID*	*Sample Result*	*Units*	*Qualifier*
General Chemistry (Cont'd.)	Cyanide (Dissolved)	>12	T1-19/10/06-SW-WR-1	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-WR-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-1	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-3	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-MB-32	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-SLC-9	0.0050 U	mg/L	UJ
General Chemistry	Chromium VI (Hexavalent) (Dissolved)	NA	T1-12/10/06-SW-SLC-1	0.0050 U	mg/L	UJ
			T1-12/10/06-SW-SLC-2	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-1	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-3	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-4	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-4	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-6	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-5	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-MB-27	0.0050 U	mg/L	UJ
			T1-13/10/06-SW-SLC-7	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-21	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-SLC-8	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-24	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-28	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-29	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-10	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-JC-1	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-18	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-13	0.0050 U	mg/L	UJ
			T1-18/10/06-SW-MB-14	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-3	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-4	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-5	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-6	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-JC-7	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-WR-1	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-WR-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-1	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-2	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-GSUC-3	0.0050 U	mg/L	UJ
			T1-19/10/06-SW-MB-32	0.010 U	mg/L	UJ
			T1-19/10/06-SW-SLC-9	0.010 U	mg/L	UJ

Notes:
J Estimated.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
General Comment: All dissolved analytes are qualified due to the lack of field filtration and preservation.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*Calibration Date*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	Acetone	09/22/06	0.042	T1-12/10/06-SW-SLC-1	0.0038 J	mg/L	J
				T1-12/10/06-SW-SLC-2	0.0038 J	mg/L	J
				T1-13/10/06-SW-MB-1	0.011	mg/L	J
				T1-13/10/06-SW-MB-27	0.0083	mg/L	J
				T1-13/10/06-SW-MB-4	0.0049 J	mg/L	J
				T1-13/10/06-SW-MB-6	0.0042 J	mg/L	J
				T1-13/10/06-SW-SLC-3	0.0062 J	mg/L	J
				T1-13/10/06-SW-SLC-4	0.0090	mg/L	J
				T1-13/10/06-SW-SLC-5	0.022	mg/L	J
				T1-13/10/06-SW-SLC-7	0.017	mg/L	J
				T1-13/10/06-TB-1	0.0075 J	mg/L	J
				T1-13/10/06-TB-2	0.0045 J	mg/L	J
				T1-13/10/06-WE-1	0.0044 J	mg/L	J
				T1-13/10/06-WE-2	0.0034 J	mg/L	J
				T1-16/10/06-TB-1	0.0061 J	mg/L	J
				T1-16/10/06-WE-3	0.0044 J	mg/L	J
				T1-17/10/06-TB-1	0.0061 J	mg/L	J
				T1-17/10/06-WE-4	0.0016 J	mg/L	J
				T1-18/10/06-SW-JC-1	0.0061 J	mg/L	J
				T1-18/10/06-SW-MB-10	0.0027 J	mg/L	J
				T1-18/10/06-SW-MB-13	0.0030 J	mg/L	J
				T1-18/10/06-SW-MB-14	0.0038 J	mg/L	J
				T1-18/10/06-SW-MB-18	0.0034 J	mg/L	J
				T1-18/10/06-SW-TB-1	0.00040 U	mg/L	R
				T1-18/10/06-SW-TB-2	0.0068 J	mg/L	J
				T1-18/10/06-SW-TB-3	0.0064 J	mg/L	J
				T1-18/10/06-SW-TB-4	0.0013 J	mg/L	J
				T1-18/10/06-SW-TB-5	0.0011 J	mg/L	J
				T1-18/10/06-SW-TB-6	0.0011 J	mg/L	J
				T1-18/10/06-SW-TB-7	0.0017 J	mg/L	J
				T1-18/10/06-SW-MB-21	0.0034 J	mg/L	J
				T1-18/10/06-SW-MB-24	0.0033 J	mg/L	J
				T1-18/10/06-SW-MB-28	0.0042 J	mg/L	J
				T1-18/10/06-SW-MB-29	0.00040 U	mg/L	R
				T1-18/10/06-SW-SLC-8	0.0063 J	mg/L	J
				T1-19/10/06-SW-GSUC-1	0.0022 J	mg/L	J
				T1-19/10/06-SW-GSUC-2	0.0037 J	mg/L	J
				T1-19/10/06-SW-GSUC-3	0.0050 J	mg/L	J
				T1-19/10/06-SW-JC-2	0.0072 J	mg/L	J
				T1-19/10/06-SW-JC-3	0.0047 J	mg/L	J
				T1-19/10/06-SW-JC-4	0.0050 J	mg/L	J
				T1-19/10/06-SW-JC-5	0.0029 J	mg/L	J
				T1-19/10/06-SW-JC-6	0.0046 J	mg/L	J
				T1-19/10/06-SW-JC-7	0.0034 J	mg/L	J
				T1-19/10/06-SW-MB-32	0.0030 J	mg/L	J
				T1-19/10/06-SW-SLC-9	0.0038 J	mg/L	J
				T1-19/10/06-SW-WR-1	0.0044 J	mg/L	J
				T1-19/10/06-SW-WR-2	0.0041 J	mg/L	J
VOCs	Acetone	10/04/06	0.0263	T1-12/10/06-SE-SLC-1(Mid)	0.0082 U	mg/kg	R
				T1-12/10/06-SE-SLC-1(Refusal)	0.011 J	mg/kg	J
				T1-12/10/06-SE-SLC-1(Surface)	0.0079 U	mg/kg	R
				T1-12/10/06-SE-SLC-2(Mid)	0.11	mg/kg	J
				T1-12/10/06-SE-SLC-2(Refusal)	0.093	mg/kg	J
				T1-12/10/06-SE-SLC-2(Surface)	0.14	mg/kg	J
				T1-13/10/06-SE-MB-1(Mid)	0.096	mg/kg	J
				T1-13/10/06-SE-MB-1(Refusal)	0.065	mg/kg	J
				T1-13/10/06-SE-MB-1(Surface)	0.053	mg/kg	J
				T1-13/10/06-SE-MB-2(Surface)	0.27	mg/kg	J
				T1-13/10/06-SE-SLC-4(Mid)	0.14	mg/kg	J

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*Calibration Date*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	Acetone	10/04/06	0.0263	T1-13/10/06-SE-SLC-4(Refusal)	0.097	mg/kg	J
(Cont'd.)				T1-13/10/06-SE-SLC-4(Surface)	0.054	mg/kg	J
				T1-13/10/06-SE-SLC-5(Mid)	0.10	mg/kg	J
				T1-13/10/06-SE-SLC-5(Refusal)	0.052	mg/kg	J
				T1-13/10/06-SE-SLC-5(Surface)	0.096	mg/kg	J
				T1-13/10/06-SE-MB-4(Surface)	0.059	mg/kg	J
				T1-13/10/06-SE-MB-3(Surface)	0.073	mg/kg	J
				T1-17/10/06-SE-MB-18(Mid)	0.098	mg/kg	J
				T1-17/10/06-SE-MB-18(Surface)	0.19	mg/kg	J
				T1-17/10/06-SE-MB-21(Refusal)	0.14	mg/kg	J
				T1-17/10/06-SE-MB-23(Surface)	0.77	mg/kg	J
				T1-17/10/06-SE-MB-29(Surface)	0.11	mg/kg	J
				T1-17/10/06-SE-MB-19(Surface)	0.10	mg/kg	J
				T1-17/10/06-SE-MB-20(Surface)	0.060	mg/kg	J
				T1-17/10/06-SE-MB-22(Surface)	0.12	mg/kg	J
				T1-17/10/06-SE-MB-24(Refusal)	0.097	mg/kg	J
				T1-17/10/06-SE-MB-25(Surface)	0.068	mg/kg	J
				T1-17/10/06-SE-MB-26(Surface)	0.15	mg/kg	J
				T1-17/10/06-SE-MB-31(Surface)	0.037	mg/kg	J
				T1-17/10/06-SE-MB-33(Surface)	0.079	mg/kg	J
				T1-17/10/06-SE-MB-35(Surface)	0.040	mg/kg	J
				T1-17/10/06-SE-MB-24(Mid)	0.15	mg/kg	J
				T1-17/10/06-SE-MB-24(Surface)	0.29	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Mid)	0.21	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Surface)	0.097	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Surface)	0.14 J	mg/kg	J
				T1-17/10/06-SE-MB-28(Mid)	0.12	mg/kg	J
				T1-17/10/06-SE-MB-28(Refusal)	0.083	mg/kg	J
				T1-17/10/06-SE-MB-28(Surface)	0.12	mg/kg	J
				T1-17/10/06-SE-MB-30(Surface)	0.072	mg/kg	J
				T1-17/10/06-SE-MB-32(Surface)	0.080	mg/kg	J
				T1-17/10/06-SE-MB-34(Surface)	0.18	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Refusal)	0.13	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Surface)	0.12	mg/kg	J
				T1-19/10/06-SO-JC-10(0-2)	0.020	mg/kg	J
				T1-19/10/06-SO-JC-11(0-2)	0.015	mg/kg	J
				T1-19/10/06-SO-JC-8(0-2)	0.0092 U	mg/kg	R
				T1-19/10/06-SO-JC-9(0-2)	0.20	mg/kg	J
				T1-18/10/06-SE-JC-1(Mid)	0.030	mg/kg	J
				T1-18/10/06-SE-JC-1(Refusal)	0.025	mg/kg	J
				T1-18/10/06-SE-JC-1(Surface)	0.084	mg/kg	J
				T1-18/10/06-SE-MB-11(Surface)	0.048	mg/kg	J
				T1-18/10/06-SE-MB-6(Surface)	0.076	mg/kg	J
				T1-18/10/06-SE-SLC-9(Mid)	0.010 J	mg/kg	J
				T1-18/10/06-SE-SLC-9(Refusal)	0.010 J	mg/kg	J
				T1-18/10/06-SE-SLC-9(Surface)	0.032	mg/kg	J
				T1-19/10/06-SE-MB-27(Mid)	0.057	mg/kg	J
				T1-19/10/06-SE-MB-27(Refusal)	0.023	mg/kg	J
				T1-19/10/06-SE-MB-27(Surface)	0.077	mg/kg	J
				T1-19/10/06-SE-SLC-3(Mid)	0.048	mg/kg	J
				T1-19/10/06-SE-SLC-3(Refusal)	0.038	mg/kg	J
				T1-19/10/06-SE-SLC-3(Surface)	0.040	mg/kg	J
				T1-18/10/06-SE-MB-10(Surface)	0.29	mg/kg	J
				T1-19/10/06-SE-SLC-6(Refusal)	0.19	mg/kg	J
				T1-18/10/06-SE-JC-1(Mid)	0.030	mg/kg	J
				T1-18/10/06-SE-JC-1(Refusal)	0.025	mg/kg	J
				T1-18/10/06-SE-JC-1(Surface)	0.084	mg/kg	J
				T1-18/10/06-SE-MB-11(Surface)	0.048	mg/kg	J
				T1-18/10/06-SE-MB-6(Surface)	0.076	mg/kg	J
				T1-18/10/06-SE-SLC-9(Mid)	0.010 J	mg/kg	J

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*Calibration Date*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs (Cont'd.)	Acetone	10/04/06	0.0263	T1-18/10/06-SE-SLC-9(Refusal)	0.010 J	mg/kg	J
				T1-18/10/06-SE-SLC-9(Surface)	0.032	mg/kg	J
				T1-19/10/06-SE-MB-27(Mid)	0.057	mg/kg	J
				T1-19/10/06-SE-MB-27(Refusal)	0.023	mg/kg	J
				T1-19/10/06-SE-MB-27(Surface)	0.077	mg/kg	J
				T1-19/10/06-SE-SLC-3(Mid)	0.048	mg/kg	J
				T1-19/10/06-SE-SLC-3(Refusal)	0.038	mg/kg	J
				T1-19/10/06-SE-SLC-3(Surface)	0.040	mg/kg	J
				T1-18/10/06-SE-MB-10(Surface)	0.29	mg/kg	J
				T1-19/10/06-SE-SLC-6(Refusal)	0.19	mg/kg	J
				T1-18/10/06-SE-MB-12(Surface)	0.018 U	mg/kg	UJ
				T1-18/10/06-SE-MB-5(Surface)	0.026	mg/kg	J
				T1-18/10/06-SE-MB-7(Surface)	0.15	mg/kg	J
				T1-18/10/06-SE-MB-8(Surface)	0.075	mg/kg	J
				T1-18/10/06-SE-MB-9(Surface)	0.068	mg/kg	J
				T1-18/10/06-SE-SLC-7(Mid)	0.0095 J	mg/kg	J
				T1-18/10/06-SE-SLC-7(Refusal)	0.0095 U	mg/kg	UJ
				T1-18/10/06-SE-SLC-7(Surface)	0.11	mg/kg	J
				T1-19/10/06-SE-JC-4(Mid)	0.027	mg/kg	J
				T1-19/10/06-SE-JC-4(Refusal)	0.031	mg/kg	J
				T1-19/10/06-SE-JC-4(Surface)	0.019	mg/kg	J
				T1-19/10/06-SE-JC-5(Mid)	0.095	mg/kg	J
				T1-19/10/06-SE-JC-5(Refusal)	0.079	mg/kg	J
				T1-19/10/06-SE-JC-5(Surface)	0.047	mg/kg	J
				T1-19/10/06-SE-JC-6(Mid)	0.033	mg/kg	J
				T1-19/10/06-SE-JC-6(Refusal)	0.021	mg/kg	J
				T1-19/10/06-SE-JC-6(Surface)	0.033	mg/kg	J
				T1-19/10/06-SE-JC-7(Mid)	0.090	mg/kg	J
				T1-19/10/06-SE-JC-7(Refusal)	0.12	mg/kg	J
				T1-19/10/06-SE-JC-7(Surface)	0.30	mg/kg	J
				T1-18/10/06-SE-MB-13(Surface)	0.035 U	mg/kg	R
				T1-18/10/06-SE-MB-15(Surface)	0.073	mg/kg	J
				T1-18/10/06-SE-MB-16(Surface)	0.095	mg/kg	J
				T1-18/10/06-SE-MB-17(Surface)	0.087	mg/kg	J
				T1-19/10/06-SE-JC-2(Mid)	0.031	mg/kg	J
				T1-19/10/06-SE-JC-2(Refusal)	0.025	mg/kg	J
				T1-19/10/06-SE-JC-2(Surface)	0.052	mg/kg	J
				T1-19/10/06-SE-JC-3(Mid)	0.061	mg/kg	J
				T1-19/10/06-SE-JC-3(Refusal)	0.054	mg/kg	J
				T1-19/10/06-SE-JC-3(Surface)	0.042	mg/kg	J
				T1-19/10/06-SE-SLC-8(Mid)	0.034	mg/kg	J
				T1-19/10/06-SE-SLC-8(Refusal)	0.077	mg/kg	J
				T1-19/10/06-SE-SLC-8(Surface)	0.089	mg/kg	J
VOCs	Acetone	10/21/06	0.0323	T1-17/10/06-SE-MB-18(Refusal)	0.33 J	mg/kg	J
				T1-17/10/06-SE-MB-21(Mid)	0.099 U	mg/kg	R
				T1-17/10/06-SE-MB-21(Surface)	0.33 J	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Mid)	0.15 U	mg/kg	R
				T1-17/10/06-SE-GSUC-2(Refusal)	0.12 U	mg/kg	R
				T1-17/10/06-SE-GSUC-3(Mid)	0.19 U	mg/kg	R
				T1-17/10/06-SE-GSUC-3(Refusal)	0.15 U	mg/kg	R
				T1-18/10/06-SE-MB-14(Surface)	0.25 U	mg/kg	R
VOCs	Acetone	10/31/06	0.0330	T1-19/10/06-SE-SLC-6(Mid)	1.7 U	mg/kg	UJ
				T1-19/10/06-SE-SLC-6(Surface)	1.8 U	mg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*Calibration Date*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	Chloroethane	10/21/06	0.0289	T1-17/10/06-SE-MB-18(Refusal)	0.12 U	mg/kg	R
				T1-17/10/06-SE-MB-21(Mid)	0.068 U	mg/kg	R
				T1-17/10/06-SE-MB-21(Surface)	0.11 U	mg/kg	R
				T1-17/10/06-SE-GSUC-2(Mid)	0.10 U	mg/kg	R
				T1-17/10/06-SE-GSUC-2(Refusal)	0.080 U	mg/kg	R
				T1-17/10/06-SE-GSUC-3(Mid)	0.13 U	mg/kg	R
				T1-17/10/06-SE-GSUC-3(Refusal)	0.11 U	mg/kg	R
				T1-18/10/06-SE-MB-14(Surface)	0.17 U	mg/kg	R
VOCs	Chloroethane	10/31/06	0.0331	T1-19/10/06-SE-SLC-6(Mid)	0.034 U	mg/kg	UJ
				T1-19/10/06-SE-SLC-6(Surface)	0.036 U	mg/kg	UJ

Notes:
J Estimated.
R Rejected.
RRF Relative Response Factor.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/18/06	Acetone		0.0359	T1-12/10/06-SW-SLC-1	0.0038 J	mg/L	J
					T1-12/10/06-SW-SLC-2	0.0038 J	mg/L	J
					T1-13/10/06-SW-MB-1	0.011 J	mg/L	J
					T1-13/10/06-SW-MB-27	0.0083 J	mg/L	J
					T1-13/10/06-SW-MB-4	0.0049 J	mg/L	J
					T1-13/10/06-SW-MB-6	0.0042 J	mg/L	J
					T1-13/10/06-SW-SLC-3	0.0062 J	mg/L	J
					T1-13/10/06-SW-SLC-4	0.0090 J	mg/L	J
					T1-13/10/06-SW-SLC-5	0.022 J	mg/L	J
VOCs	10/19/06	Acetone		0.0399	T1-13/10/06-SW-SLC-7	0.017	mg/L	J
					T1-13/10/06-TB-1	0.0075 J	mg/L	J
					T1-13/10/06-TB-2	0.0045 J	mg/L	J
					T1-13/10/06-WE-1	0.0044 J	mg/L	J
					T1-13/10/06-WE-2	0.0034 J	mg/L	J
					T1-16/10/06-TB-1	0.0061 J	mg/L	J
					T1-16/10/06-WE-3	0.0044 J	mg/L	J
					T1-17/10/06-TB-1	0.0061 J	mg/L	J
					T1-17/10/06-WE-4	0.0016 J	mg/L	J
VOCs	10/20/06	Acetone		0.0427	T1-18/10/06-SW-JC-1	0.0061 J	mg/L	J
					T1-18/10/06-SW-MB-10	0.0027 J	mg/L	J
					T1-18/10/06-SW-MB-13	0.0030 J	mg/L	J
					T1-18/10/06-SW-MB-18	0.0034 J	mg/L	J
					T1-18/10/06-SW-TB-1	0.0040 U	mg/L	R
					T1-18/10/06-SW-TB-2	0.0068 J	mg/L	J
					T1-18/10/06-SW-TB-3	0.0064 J	mg/L	J
					T1-18/10/06-SW-TB-4	0.0013 J	mg/L	J
					T1-18/10/06-SW-TB-5	0.0011 J	mg/L	J
					T1-18/10/06-SW-TB-6	0.0011 J	mg/L	J
					T1-18/10/06-SW-MB-14	0.0038 J	mg/L	J
VOCs	10/17/06	Acetone		0.0270	T1-12/10/06-SE-SLC-1(Mid)	0.0082 U	mg/kg	R
					T1-12/10/06-SE-SLC-1(Refusal)	0.011	mg/kg	J
					T1-12/10/06-SE-SLC-1(Surface)	0.0079 U	mg/kg	R
					T1-12/10/06-SE-SLC-2(Mid)	0.11	mg/kg	J
					T1-12/10/06-SE-SLC-2(Refusal)	0.093	mg/kg	J
					T1-12/10/06-SE-SLC-2(Surface)	0.14	mg/kg	J
VOCs	10/17/06	Trifluorotrichloroethane	26		T1-12/10/06-SE-SLC-1(Mid)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00013 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00032 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00027 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00035 U	mg/kg	UJ
VOCs	10/17/06	Cyclohexane	29		T1-12/10/06-SE-SLC-1(Mid)	0.0001 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00013 J	mg/kg	J
					T1-12/10/06-SE-SLC-1(Surface)	0.00009 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00023 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00020 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00025 U	mg/kg	UJ
VOCs	10/17/06	Methyl cyclohexane	31		T1-12/10/06-SE-SLC-1(Mid)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00013 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00032 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00027 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00035 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/19/06	Acetone		0.0264	T1-13/10/06-SE-MB-1(Refusal)	0.065	mg/kg	J
					T1-13/10/06-SE-MB-1(Surface)	0.053	mg/kg	J
					T1-13/10/06-SE-MB-2(Surface)	0.27	mg/kg	J
					T1-13/10/06-SE-MB-1(Mid)	0.096	mg/kg	J
					T1-13/10/06-SE-MB-3(Surface)	0.073	mg/kg	J
					T1-13/10/06-SE-MB-4(Surface)	0.059	mg/kg	J
					T1-13/10/06-SE-SLC-4(Mid)	0.14	mg/kg	J
					T1-13/10/06-SE-SLC-4(Refusal)	0.097	mg/kg	J
					T1-13/10/06-SE-SLC-5(Mid)	0.10	mg/kg	J
					T1-13/10/06-SE-SLC-5(Refusal)	0.052	mg/kg	J
					T1-13/10/06-SE-SLC-5(Surface)	0.096	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	0.098	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	0.19	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	0.14	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	0.77	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	0.11	mg/kg	J
VOCs	11/01/06	2-Hexanone	31		T1-13/10/06-SE-MB-1(Refusal)	0.0019 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Surface)	0.0017 U	mg/kg	UJ
					T1-13/10/06-SE-MB-2(Surface)	0.0016 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Mid)	0.0016 U	mg/kg	UJ
					T1-13/10/06-SE-MB-3(Surface)	0.0015 U	mg/kg	UJ
					T1-13/10/06-SE-MB-4(Surface)	0.0025 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Mid)	0.0022 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Refusal)	0.0020 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Mid)	0.0019 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Refusal)	0.0015 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Surface)	0.0016 U	mg/kg	UJ
VOCs	10/21/06	Acetone		0.0276	T1-13/10/06-SE-SLC-4(Surface)	0.054	mg/kg	J
VOCs	10/21/06	Acetone		0.0276	T1-17/10/06-SE-MB-19(Surface)	0.10	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	0.060	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	0.097	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	0.068	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	0.15	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	0.037	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	0.079	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	0.040	mg/kg	J
VOCs	10/22/06	Acetone		0.0260	T1-17/10/06-SE-MB-24(Mid)	0.15	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	0.29	mg/kg	J
					T1-17/10/06-SE-GSUC-1(Mid)	0.21	mg/kg	J
					T1-17/10/06-SE-GSUC-1(Surface)	0.097	mg/kg	J
					T1-17/10/06-SE-GSUC-2(Surface)	0.14 J	mg/kg	J
					T1-17/10/06-SE-MB-28(Mid)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-28(Refusal)	0.083	mg/kg	J
					T1-17/10/06-SE-MB-28(Surface)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-30(Surface)	0.072	mg/kg	J
					T1-17/10/06-SE-MB-32(Surface)	0.080	mg/kg	J
VOCs	10/25/06	Acetone		0.0331	T1-17/10/06-SE-MB-18(Refusal)	0.33 J	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	0.099 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.33 J	mg/kg	J
					T1-17/10/06-SE-GSUC-2(Mid)	0.15 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Refusal)	0.12 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Mid)	0.19 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Refusal)	0.15 U	mg/kg	R

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/25/06	Chloroethane		0.0311	T1-17/10/06-SE-MB-18(Refusal)	0.12 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Mid)	0.068 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.11 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Mid)	0.10 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Refusal)	0.080 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Mid)	0.13 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Refusal)	0.11 U	mg/kg	R
VOCs	10/23/06	Acetone		0.0203	T1-17/10/06-SE-MB-34(Surface)	0.18	mg/kg	J
VOCs	10/26/06	Acetone		0.0250	T1-17/10/06-SE-GSUC-1(Refusal)	0.13	mg/kg	J
					T1-17/10/06-SE-GSUC-3(Surface)	0.12	mg/kg	J
VOCs	10/21/06	Acetone		0.0380	T1-18/10/06-SW-MB-21	0.0034 J	mg/L	J
					T1-18/10/06-SW-MB-24	0.0033 J	mg/L	J
					T1-18/10/06-SW-MB-28	0.0042 J	mg/L	J
					T1-18/10/06-SW-MB-29	0.00040 U	mg/L	R
					T1-18/10/06-SW-SLC-8	0.0063 J	mg/L	J
VOCs	10/21/06	2-Hexanone	37		T1-18/10/06-SW-MB-21	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.00020 U	mg/L	UJ
VOCs	10/23/06	Acetone		0.0467	T1-19/10/06-SW-JC-2	0.0072 J	mg/L	J
					T1-19/10/06-SW-JC-3	0.0047 J	mg/L	J
					T1-19/10/06-SW-JC-4	0.0050 J	mg/L	J
					T1-19/10/06-SW-JC-5	0.0029 J	mg/L	J
					T1-19/10/06-SW-JC-6	0.0046 J	mg/L	J
					T1-19/10/06-SW-JC-7	0.0034 J	mg/L	J
					T1-19/10/06-SW-WR-1	0.0044 J	mg/L	J
VOCs	10/23/06	Chloromethane (Methyl Chloride)	26		T1-19/10/06-SW-JC-3	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-4	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-5	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-6	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-7	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-WR-1	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-2	0.00049 J	mg/L	J
VOCs	10/24/06	Acetone		0.0441	T1-19/10/06-SW-GSUC-1	0.0022 J	mg/L	J
					T1-19/10/06-SW-GSUC-2	0.0037 J	mg/L	J
					T1-19/10/06-SW-GSUC-3	0.0050 J	mg/L	J
					T1-19/10/06-SW-MB-32	0.0030 J	mg/L	J
					T1-19/10/06-SW-SLC-9	0.0038 J	mg/L	J
					T1-19/10/06-SW-WR-2	0.0041 J	mg/L	J
VOCs	10/23/06	Acetone		0.0203	T1-18/10/06-SE-MB-15(Surface)	0.073 J	mg/kg	J
					T1-18/10/06-SE-MB-16(Surface)	0.095 J	mg/kg	J
					T1-18/10/06-SE-MB-17(Surface)	0.087 J	mg/kg	J
VOCs	10/26/06	Acetone		0.0250	T1-18/10/06-SE-MB-13(Surface)	0.035 U	mg/kg	R
VOCs	10/31/06	Acetone		0.0245	T1-19/10/06-SE-JC-2(Mid)	0.031 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Refusal)	0.025 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Surface)	0.052 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Mid)	0.061 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Refusal)	0.054 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Surface)	0.042 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Mid)	0.034 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Refusal)	0.077 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Surface)	0.089 J	mg/kg	J
VOCs	10/25/06	Acetone		0.0331	T1-18/10/06-SE-MB-14(Surface)	0.25 U	mg/kg	R

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/25/06	Chloroethane		0.0311	T1-18/10/06-SE-MB-14(Surface)	0.17 U	mg/kg	R
VOCs	11/01/06	m&p-Xylene	127		T1-19/10/06-SE-JC-5(Refusal)	0.079	mg/kg	J
					T1-19/10/06-SE-JC-5(Surface)	0.00029 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Mid)	0.00075 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Surface)	0.0013 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Mid)	0.0036 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Refusal)	0.00083 J	mg/kg	J
SVOCs	10/27/06	2,4-Dinitrophenol	29		T1-13/10/06-SE-MB-3(Surface)	0.51 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.33 U	mg/kg	UJ
					T1-18/10/06-SE-MB-9(Surface)	0.96 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.38 U	mg/kg	UJ
SVOCs	10/29/06	2,4-Dinitrophenol	45		T1-19/10/06-SE-JC-5(Refusal)	0.43 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Surface)	0.55 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Mid)	0.43 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Refusal)	0.37 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Surface)	0.40 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.34 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Refusal)	0.35 U	mg/kg	UJ
SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-17/10/06-SE-MB-19(Surface)	0.41 U	mg/kg	UJ
					T1-17/10/06-SE-MB-20(Surface)	0.36 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.35 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Mid)	0.21 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.60 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.50 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Surface)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Mid)	0.35 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.37 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.55 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.93 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.40 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.48 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Refusal)	0.51 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.65 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.30 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.29 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.25 U	mg/kg	UJ
SVOCs	10/21/06	Hexachlorocyclopentadiene	43		T1-17/10/06-SE-GSUC-1(Surface)	0.34 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Mid)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.25 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.38 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.24 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.28 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.51 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.48 U	mg/kg	UJ
					T1-17/10/06-SE-MB-30(Surface)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.76 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.32 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.40 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Refusal)	0.32 U	mg/kg	UJ
SVOCs	10/22/06	Hexachlorocyclopentadiene	42		T1-18/10/06-SW-JC-1	0.0020 U	mg/L	UJ
					T1-18/10/06-SW-MB-18	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-13	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-14	0.0019 U	mg/L	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-18/10/06-SW-MB-21	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.0019 U	mg/L	UJ
SVOCs	10/28/06	Hexachlorocyclopentadiene	30		T1-18/10/06-SE-MB-13(Surface)	0.56 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.51 U	mg/kg	UJ
					T1-18/10/06-SE-MB-15(Surface)	0.62 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.48 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.43 U	mg/kg	R
SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-19/10/06-SW-JC-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-3	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-4	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-5	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-6	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-7	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-WR-1	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-WR-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-1	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-3	0.0019 U	mg/L	UJ
SVOCs	10/28/06	Hexachlorocyclopentadiene	30		T1-19/10/06-SW-MB-32	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-SLC-9	0.0019 U	mg/L	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.14 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.26 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Mid)	0.16 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.16 U	mg/kg	UJ
SVOCs	10/29/06	Hexachlorocyclopentadiene	28		T1-19/10/06-SE-JC-5(Refusal)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Surface)	0.22 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Mid)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Refusal)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Surface)	0.16 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.14 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Refusal)	0.14 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Heptachlor	36		T1-18/10/06-SE-MB-12(Surface)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0011 J	mg/kg	J
					T1-18/10/06-SE-MB-8(Surface)	0.00060 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.034	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.00052 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	4,4'-DDT	42		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.0033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.023 U	mg/kg	UJ
					T1-19/10/06-SO-JC-9(0-2)	0.0010 U	mg/kg	UJ

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STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	11/02/06 (11:10)	Endrin aldehyde	30		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0020 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00064 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.024 J	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.0010 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Methoxychlor	41		T1-18/10/06-SE-MB-12(Surface)	0.0046 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.0040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0081 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0060 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.0033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.12 U	mg/kg	UJ
					T1-19/10/06-SO-JC-9(0-2)	0.0052 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Endrin ketone	28		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00064 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.023 J	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.0020 J	mg/kg	J
Pesticides	11/02/06 (01:11)	4,4'-DDT	61.1		T1-18/10/06-SE-JC-1(Mid)	0.00045 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00067 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.016	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	0.00097 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00042 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00044 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.0032 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00088 J	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	0.00070 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0010 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00065 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00066 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0011 U	mg/kg	UJ
Pesticides	11/02/06 (01:11)	delta-BHC	29.6		T1-18/10/06-SE-JC-1(Mid)	0.00023 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00024 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.0034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.00050 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00022 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00023 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.033 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.00036 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.00054 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00041 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.00056 U	mg/kg	UJ

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QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	11/02/06 (01:11)	Endrin ketone	27.5		T1-18/10/06-SE-JC-1(Mid)	0.00045 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00067 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.0066 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.00097 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00042 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00044 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.0032 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00085 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.00070 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0010 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00065 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00066 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0011 U	mg/kg	UJ
Pesticides	11/02/06 (01:11)	Methoxychlor	49.2		T1-18/10/06-SE-JC-1(Mid)	0.0023 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.0024 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.0034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.0050 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.0022 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.0023 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.016 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.0044 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.0036 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0054 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.0034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.0034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.0041 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0056 U	mg/kg	UJ
Pesticides	11/07/06 (06:10)	4,4'-DDT	29.3		T1-19/10/06-SE-SLC-6(Mid)	0.12 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Surface)	0.10 U	mg/kg	UJ
Pesticides	11/09/06 (20:56)	Endosulfan sulfate	28.5		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		4,4'-DDT	54		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		Endrin ketone	34.7		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		Methoxychlor	44.6		T1-18/10/06-SE-MB-6(Surface)	0.0062 U	mg/kg	UJ
		Endrin aldehyde	30.6		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/24/06 (02:19)	4,4'-DDT	38		T1-18/10/06-SW-MB-21	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.0000060 U	mg/L	UJ
					T1-17/10/06-WE-4	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-JC-1	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-10	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-13	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-14	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-18	0.0000060 U	mg/L	UJ
Pesticides	10/19/06 (13:16)	4,4'-DDT	30		T1-12/10/06-SE-SLC-1(Mid)	0.00040 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00042 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00040 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.0048 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.0041 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.0052 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/19/06 (13:16)	Methoxychlor	27		T1-12/10/06-SE-SLC-1(Mid)	0.0021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.0021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.0020 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.025 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.027 U	mg/kg	UJ
Pesticides	10/20/06 (02:27)	4,4'-DDT	30		T1-13/10/06-SE-MB-1(Mid)	0.00078 J	mg/kg	J
					T1-13/10/06-SE-MB-1(Refusal)	0.00077 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Surface)	0.00067 U	mg/kg	UJ
					T1-13/10/06-SE-MB-2(Surface)	0.00062 U	mg/kg	UJ
					T1-13/10/06-SE-MB-3(Surface)	0.00063 U	mg/kg	UJ
					T1-13/10/06-SE-MB-4(Surface)	0.00098 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Mid)	0.0045 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Refusal)	0.015 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Surface)	0.0052 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Mid)	0.0039 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Refusal)	0.0030 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Surface)	0.0059 J	mg/kg	J
Pesticides	10/21/06 (11:45)	4,4'-DDD	44		T1-17/10/06-SE-MB-23(Surface)	0.0034 J	mg/kg	J
		4,4'-DDT	94		T1-17/10/06-SE-MB-18(Mid)	0.021 U	mg/kg	R
					T1-17/10/06-SE-MB-18(Refusal)	0.023 U	mg/kg	R
					T1-17/10/06-SE-MB-18(Surface)	0.0016 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Mid)	0.0032 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Refusal)	0.0093 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.011 U	mg/kg	R
					T1-17/10/06-SE-MB-22(Surface)	0.0015 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Mid)	0.0080 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Refusal)	0.0079 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Surface)	0.0075 U	mg/kg	R
					T1-17/10/06-SE-MB-25(Surface)	0.0012 U	mg/kg	R
					T1-17/10/06-SE-MB-26(Surface)	0.0020 U	mg/kg	R
					T1-17/10/06-SE-MB-29(Surface)	0.0017 U	mg/kg	R
					T1-17/10/06-SE-MB-31(Surface)	0.00089 U	mg/kg	R
					T1-17/10/06-SE-MB-33(Surface)	0.00076 U	mg/kg	R
					T1-17/10/06-SE-MB-35(Surface)	0.00092 U	mg/kg	R
Pesticides	10/21/06 (11:45)	Methoxychlor	85		T1-17/10/06-SE-MB-18(Mid)	0.11 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.12 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Surface)	0.0082 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Mid)	0.017 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.048 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.055 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.0080 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.041 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Refusal)	0.040 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.038 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.0064 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.0087 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.0046 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.0039 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.0048 U	mg/kg	UJ
Pesticides	10/21/06 (11:45)	Endrin ketone	46		T1-17/10/06-SE-MB-18(Mid)	0.021 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.024 J	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	0.0021 J	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	0.0032 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.0093 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.011 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.0029 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.0080 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/21/06 (11:45)	Endrin ketone	46		T1-17/10/06-SE-MB-24(Refusal)	0.0079 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.0075 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.0020 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.0017 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.00089 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.00076 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.00092 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Heptachlor	38		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00038 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.00064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Heptachlor epoxide	30		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0065 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.011 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0036 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	alpha-Chlordane	31		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0026 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0020 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endosulfan I	29		T1-17/10/06-SE-GSUC-1(Mid)	0.00064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00052 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00069 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00065 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00066 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0011 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00057 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0016 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/25/06 (03:21)	4,4'-DDE	31		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0033 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0047 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0025 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.018 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0013 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Dieldrin	30		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0030 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin	33		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0021 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0061 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.015	mg/kg	J
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	4,4'-DDT	84		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0089 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.027 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin aldehyde	32		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00074 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0024 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.020 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/25/06 (03:21)	Endrin aldehyde	32		T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endosulfan sulfate	35		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0056 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Methoxychlor	75		T1-17/10/06-SE-GSUC-1(Mid)	0.0050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.0040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0038 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.0044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin ketone	49		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00074 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/26/06 (01:19)	4,4'-DDT	30		T1-17/10/06-SE-GSUC-3(Refusal)	0.020 U	mg/kg	UJ
					T1-17/10/06-SE-MB-30(Surface)	0.00095 U	mg/kg	UJ
Pesticides	10/26/06 (06:43)	4,4'-DDT	67		T1-18/10/06-SE-MB-13(Surface)	0.0017 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.014 J	mg/kg	J
					T1-18/10/06-SE-MB-15(Surface)	0.0019 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.0015 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.0013 U	mg/kg	UJ
Pesticides	10/26/06 (06:43)	Methoxychlor	58		T1-18/10/06-SE-MB-13(Surface)	0.0089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-15(Surface)	0.0098 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.0077 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.0069 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/31/06 (12:34)	4,4'-DDT	44		T1-19/10/06-SE-JC-2(Mid)	0.00049 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.00052 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.00046 U	mg/kg	UJ
Pesticides	10/31/06 (12:34)	Methoxychlor	37		T1-19/10/06-SE-JC-2(Mid)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.0041 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.0026 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.0027 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.0023 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.0026 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.0024 U	mg/kg	UJ
Pesticides	10/31/06 (12:34)	Endrin ketone	26		T1-19/10/06-SE-JC-2(Mid)	0.00063 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.00052 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.00046 U	mg/kg	UJ
Pesticides	10/27/06 (18:02)	4,4'-DDT	34		T1-18/10/06-SE-MB-9(Surface)	0.0012 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.00041 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.00047 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Surface)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Mid)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Surface)	0.00049 U	mg/kg	UJ
Pesticides	10/27/06 (18:02)	Methoxychlor	31		T1-18/10/06-SE-MB-9(Surface)	0.0061 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.0021 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.0024 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Surface)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Mid)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Surface)	0.0025 U	mg/kg	UJ
Pesticides	11/01/06 (22:01)	Heptachlor	33		T1-19/10/06-SE-JC-5(Mid)	0.042	mg/kg	J
					T1-19/10/06-SE-JC-5(Refusal)	0.014 U	mg/kg	UJ
					T1-19/10/06-SE-JC-5(Surface)	0.0022 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Mid)	0.067	mg/kg	J
					T1-19/10/06-SE-JC-6(Refusal)	0.00040 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Surface)	0.0071 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.00024 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Refusal)	0.00027 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Surface)	0.056	mg/kg	J
PCBs	10/30/06	Aroclor-1254 (PCB-1254)	21.2		T1-17/10/06-SE-GSUC-1(Surface)	0.030 J	mg/Kg	J
		Aroclor-1254 (PCB-1254)			T1-17/10/06-SE-GSUC-1(Mid)	0.047 J	mg/Kg	J
PCBs	10/30/06	Aroclor-1260 (PCB-1260)	23.7		T1-17/10/06-SE-GSUC-1(Surface)	0.034 J	mg/Kg	J
		Aroclor-1260 (PCB-1260)			T1-17/10/06-SE-GSUC-1(Mid)	0.059	mg/Kg	J

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TPH	10/19/06	TPH (>C12-C28)	35		T1-12/10/06-SW-SLC-1	1.8 U	mg/L	UJ
					T1-12/10/06-SW-SLC-2	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-1	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-3	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-6	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-5	1.8 U	mg/L	UJ
					T1-13/10/06-SW-MB-27	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-7	1.8 U	mg/L	UJ
TPH	10/19/06	TPH (C6-C35)	27		T1-12/10/06-SW-SLC-1	1.8 U	mg/L	UJ
					T1-12/10/06-SW-SLC-2	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-1	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-3	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-6	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-5	1.8 U	mg/L	UJ
					T1-13/10/06-SW-MB-27	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-7	1.8 U	mg/L	UJ

Notes:

%D	Percent Difference.
J	Estimated.
PCBs	Polychlorinated Biphenyls.
R	Rejected.
RRF	Relative Response Factor.
SVOCs	Semi-volatile Organic Compounds.
TPH	Total Petroleum Hydrocarbons.
U	Non-detect at associated value.
UJ	The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs	Volatile Organic Compounds.

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PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/18/06	Acetone		0.0359	T1-12/10/06-SW-SLC-1	0.0038 J	mg/L	J
					T1-12/10/06-SW-SLC-2	0.0038 J	mg/L	J
					T1-13/10/06-SW-MB-1	0.011 J	mg/L	J
					T1-13/10/06-SW-MB-27	0.0083 J	mg/L	J
					T1-13/10/06-SW-MB-4	0.0049 J	mg/L	J
					T1-13/10/06-SW-MB-6	0.0042 J	mg/L	J
					T1-13/10/06-SW-SLC-3	0.0062 J	mg/L	J
					T1-13/10/06-SW-SLC-4	0.0090 J	mg/L	J
					T1-13/10/06-SW-SLC-5	0.022 J	mg/L	J
VOCs	10/19/06	Acetone		0.0399	T1-13/10/06-SW-SLC-7	0.017	mg/L	J
					T1-13/10/06-TB-1	0.0075 J	mg/L	J
					T1-13/10/06-TB-2	0.0045 J	mg/L	J
					T1-13/10/06-WE-1	0.0044 J	mg/L	J
					T1-13/10/06-WE-2	0.0034 J	mg/L	J
					T1-16/10/06-TB-1	0.0061 J	mg/L	J
					T1-16/10/06-WE-3	0.0044 J	mg/L	J
					T1-17/10/06-TB-1	0.0061 J	mg/L	J
					T1-17/10/06-WE-4	0.0016 J	mg/L	J
VOCs	10/20/06	Acetone		0.0427	T1-18/10/06-SW-JC-1	0.0061 J	mg/L	J
					T1-18/10/06-SW-MB-10	0.0027 J	mg/L	J
					T1-18/10/06-SW-MB-13	0.0030 J	mg/L	J
					T1-18/10/06-SW-MB-18	0.0034 J	mg/L	J
					T1-18/10/06-SW-TB-1	0.0040 U	mg/L	R
					T1-18/10/06-SW-TB-2	0.0068 J	mg/L	J
					T1-18/10/06-SW-TB-3	0.0064 J	mg/L	J
					T1-18/10/06-SW-TB-4	0.0013 J	mg/L	J
					T1-18/10/06-SW-TB-5	0.0011 J	mg/L	J
					T1-18/10/06-SW-TB-6	0.0011 J	mg/L	J
					T1-18/10/06-SW-MB-14	0.0038 J	mg/L	J
VOCs	10/17/06	Acetone		0.0270	T1-12/10/06-SE-SLC-1(Mid)	0.0082 U	mg/kg	R
					T1-12/10/06-SE-SLC-1(Refusal)	0.011	mg/kg	J
					T1-12/10/06-SE-SLC-1(Surface)	0.0079 U	mg/kg	R
					T1-12/10/06-SE-SLC-2(Mid)	0.11	mg/kg	J
					T1-12/10/06-SE-SLC-2(Refusal)	0.093	mg/kg	J
					T1-12/10/06-SE-SLC-2(Surface)	0.14	mg/kg	J
VOCs	10/17/06	Trifluorotrichloroethane	26		T1-12/10/06-SE-SLC-1(Mid)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00013 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00032 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00027 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00035 U	mg/kg	UJ
VOCs	10/17/06	Cyclohexane	29		T1-12/10/06-SE-SLC-1(Mid)	0.0001 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00013 J	mg/kg	J
					T1-12/10/06-SE-SLC-1(Surface)	0.00009 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00023 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00020 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00025 U	mg/kg	UJ
VOCs	10/17/06	Methyl cyclohexane	31		T1-12/10/06-SE-SLC-1(Mid)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00014 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00013 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.00032 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.00027 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.00035 U	mg/kg	UJ

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STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/19/06	Acetone		0.0264	T1-13/10/06-SE-MB-1(Refusal)	0.065	mg/kg	J
					T1-13/10/06-SE-MB-1(Surface)	0.053	mg/kg	J
					T1-13/10/06-SE-MB-2(Surface)	0.27	mg/kg	J
					T1-13/10/06-SE-MB-1(Mid)	0.096	mg/kg	J
					T1-13/10/06-SE-MB-3(Surface)	0.073	mg/kg	J
					T1-13/10/06-SE-MB-4(Surface)	0.059	mg/kg	J
					T1-13/10/06-SE-SLC-4(Mid)	0.14	mg/kg	J
					T1-13/10/06-SE-SLC-4(Refusal)	0.097	mg/kg	J
					T1-13/10/06-SE-SLC-5(Mid)	0.10	mg/kg	J
					T1-13/10/06-SE-SLC-5(Refusal)	0.052	mg/kg	J
					T1-13/10/06-SE-SLC-5(Surface)	0.096	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	0.098	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	0.19	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	0.14	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	0.77	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	0.11	mg/kg	J
VOCs	11/01/06	2-Hexanone	31		T1-13/10/06-SE-MB-1(Refusal)	0.0019 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Surface)	0.0017 U	mg/kg	UJ
					T1-13/10/06-SE-MB-2(Surface)	0.0016 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Mid)	0.0016 U	mg/kg	UJ
					T1-13/10/06-SE-MB-3(Surface)	0.0015 U	mg/kg	UJ
					T1-13/10/06-SE-MB-4(Surface)	0.0025 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Mid)	0.0022 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Refusal)	0.0020 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Mid)	0.0019 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Refusal)	0.0015 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Surface)	0.0016 U	mg/kg	UJ
VOCs	10/21/06	Acetone		0.0276	T1-13/10/06-SE-SLC-4(Surface)	0.054	mg/kg	J
VOCs	10/21/06	Acetone		0.0276	T1-17/10/06-SE-MB-19(Surface)	0.10	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	0.060	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	0.097	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	0.068	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	0.15	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	0.037	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	0.079	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	0.040	mg/kg	J
VOCs	10/22/06	Acetone		0.0260	T1-17/10/06-SE-MB-24(Mid)	0.15	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	0.29	mg/kg	J
					T1-17/10/06-SE-GSUC-1(Mid)	0.21	mg/kg	J
					T1-17/10/06-SE-GSUC-1(Surface)	0.097	mg/kg	J
					T1-17/10/06-SE-GSUC-2(Surface)	0.14 J	mg/kg	J
					T1-17/10/06-SE-MB-28(Mid)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-28(Refusal)	0.083	mg/kg	J
					T1-17/10/06-SE-MB-28(Surface)	0.12	mg/kg	J
					T1-17/10/06-SE-MB-30(Surface)	0.072	mg/kg	J
					T1-17/10/06-SE-MB-32(Surface)	0.080	mg/kg	J
VOCs	10/25/06	Acetone		0.0331	T1-17/10/06-SE-MB-18(Refusal)	0.33 J	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	0.099 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.33 J	mg/kg	J
					T1-17/10/06-SE-GSUC-2(Mid)	0.15 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Refusal)	0.12 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Mid)	0.19 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Refusal)	0.15 U	mg/kg	R

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	10/25/06	Chloroethane		0.0311	T1-17/10/06-SE-MB-18(Refusal)	0.12 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Mid)	0.068 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.11 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Mid)	0.10 U	mg/kg	R
					T1-17/10/06-SE-GSUC-2(Refusal)	0.080 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Mid)	0.13 U	mg/kg	R
					T1-17/10/06-SE-GSUC-3(Refusal)	0.11 U	mg/kg	R
VOCs	10/23/06	Acetone		0.0203	T1-17/10/06-SE-MB-34(Surface)	0.18	mg/kg	J
VOCs	10/26/06	Acetone		0.0250	T1-17/10/06-SE-GSUC-1(Refusal)	0.13	mg/kg	J
					T1-17/10/06-SE-GSUC-3(Surface)	0.12	mg/kg	J
VOCs	10/21/06	Acetone		0.0380	T1-18/10/06-SW-MB-21	0.0034 J	mg/L	J
					T1-18/10/06-SW-MB-24	0.0033 J	mg/L	J
					T1-18/10/06-SW-MB-28	0.0042 J	mg/L	J
					T1-18/10/06-SW-MB-29	0.00040 U	mg/L	R
					T1-18/10/06-SW-SLC-8	0.0063 J	mg/L	J
VOCs	10/21/06	2-Hexanone	37		T1-18/10/06-SW-MB-21	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.00020 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.00020 U	mg/L	UJ
VOCs	10/23/06	Acetone		0.0467	T1-19/10/06-SW-JC-2	0.0072 J	mg/L	J
					T1-19/10/06-SW-JC-3	0.0047 J	mg/L	J
					T1-19/10/06-SW-JC-4	0.0050 J	mg/L	J
					T1-19/10/06-SW-JC-5	0.0029 J	mg/L	J
					T1-19/10/06-SW-JC-6	0.0046 J	mg/L	J
					T1-19/10/06-SW-JC-7	0.0034 J	mg/L	J
					T1-19/10/06-SW-WR-1	0.0044 J	mg/L	J
VOCs	10/23/06	Chloromethane (Methyl Chloride)	26		T1-19/10/06-SW-JC-3	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-4	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-5	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-6	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-7	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-WR-1	0.00005 U	mg/L	UJ
					T1-19/10/06-SW-JC-2	0.00049 J	mg/L	J
VOCs	10/24/06	Acetone		0.0441	T1-19/10/06-SW-GSUC-1	0.0022 J	mg/L	J
					T1-19/10/06-SW-GSUC-2	0.0037 J	mg/L	J
					T1-19/10/06-SW-GSUC-3	0.0050 J	mg/L	J
					T1-19/10/06-SW-MB-32	0.0030 J	mg/L	J
					T1-19/10/06-SW-SLC-9	0.0038 J	mg/L	J
					T1-19/10/06-SW-WR-2	0.0041 J	mg/L	J
VOCs	10/23/06	Acetone		0.0203	T1-18/10/06-SE-MB-15(Surface)	0.073 J	mg/kg	J
					T1-18/10/06-SE-MB-16(Surface)	0.095 J	mg/kg	J
					T1-18/10/06-SE-MB-17(Surface)	0.087 J	mg/kg	J
VOCs	10/26/06	Acetone		0.0250	T1-18/10/06-SE-MB-13(Surface)	0.035 U	mg/kg	R
VOCs	10/31/06	Acetone		0.0245	T1-19/10/06-SE-JC-2(Mid)	0.031 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Refusal)	0.025 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Surface)	0.052 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Mid)	0.061 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Refusal)	0.054 J	mg/kg	J
					T1-19/10/06-SE-JC-3(Surface)	0.042 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Mid)	0.034 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Refusal)	0.077 J	mg/kg	J
					T1-19/10/06-SE-SLC-8(Surface)	0.089 J	mg/kg	J
VOCs	10/25/06	Acetone		0.0331	T1-18/10/06-SE-MB-14(Surface)	0.25 U	mg/kg	R

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VOCs	10/25/06	Chloroethane		0.0311	T1-18/10/06-SE-MB-14(Surface)	0.17 U	mg/kg	R
VOCs	11/01/06	m&p-Xylene	127		T1-19/10/06-SE-JC-5(Refusal)	0.079	mg/kg	J
					T1-19/10/06-SE-JC-5(Surface)	0.00029 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Mid)	0.00075 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Surface)	0.0013 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Mid)	0.0036 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Refusal)	0.00083 J	mg/kg	J
SVOCs	10/27/06	2,4-Dinitrophenol	29		T1-13/10/06-SE-MB-3(Surface)	0.51 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.33 U	mg/kg	UJ
					T1-18/10/06-SE-MB-9(Surface)	0.96 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.38 U	mg/kg	UJ
SVOCs	10/29/06	2,4-Dinitrophenol	45		T1-19/10/06-SE-JC-5(Refusal)	0.43 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Surface)	0.55 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Mid)	0.43 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Refusal)	0.37 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Surface)	0.40 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.34 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Refusal)	0.35 U	mg/kg	UJ
SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-17/10/06-SE-MB-19(Surface)	0.41 U	mg/kg	UJ
					T1-17/10/06-SE-MB-20(Surface)	0.36 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.35 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Mid)	0.21 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.60 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.50 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Surface)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Mid)	0.35 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.37 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.55 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.93 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.40 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.48 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Refusal)	0.51 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.65 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.30 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.29 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.25 U	mg/kg	UJ
SVOCs	10/21/06	Hexachlorocyclopentadiene	43		T1-17/10/06-SE-GSUC-1(Surface)	0.34 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Mid)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.25 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.38 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.24 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.28 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.52 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.51 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.48 U	mg/kg	UJ
					T1-17/10/06-SE-MB-30(Surface)	0.31 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.76 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.32 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.40 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Refusal)	0.32 U	mg/kg	UJ
SVOCs	10/22/06	Hexachlorocyclopentadiene	42		T1-18/10/06-SW-JC-1	0.0020 U	mg/L	UJ
					T1-18/10/06-SW-MB-18	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-13	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-14	0.0019 U	mg/L	UJ

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SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-18/10/06-SW-MB-21	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.0019 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.0019 U	mg/L	UJ
SVOCs	10/28/06	Hexachlorocyclopentadiene	30		T1-18/10/06-SE-MB-13(Surface)	0.56 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.51 U	mg/kg	UJ
					T1-18/10/06-SE-MB-15(Surface)	0.62 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.48 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.43 U	mg/kg	R
SVOCs	10/27/06	Hexachlorocyclopentadiene	26		T1-19/10/06-SW-JC-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-3	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-4	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-5	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-6	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-JC-7	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-WR-1	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-WR-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-1	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-2	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-GSUC-3	0.0019 U	mg/L	UJ
SVOCs	10/28/06	Hexachlorocyclopentadiene	30		T1-19/10/06-SW-MB-32	0.0019 U	mg/L	UJ
					T1-19/10/06-SW-SLC-9	0.0019 U	mg/L	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.14 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.26 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Mid)	0.16 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.16 U	mg/kg	UJ
SVOCs	10/29/06	Hexachlorocyclopentadiene	28		T1-19/10/06-SE-JC-5(Refusal)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Surface)	0.22 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Mid)	0.17 U	mg/kg	UJ
					T1-19/10/06-SE-JC-6(Refusal)	0.15 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Surface)	0.16 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.14 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Refusal)	0.14 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Heptachlor	36		T1-18/10/06-SE-MB-12(Surface)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0011 J	mg/kg	J
					T1-18/10/06-SE-MB-8(Surface)	0.00060 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.034	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.00052 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	4,4'-DDT	42		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.0033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.023 U	mg/kg	UJ
					T1-19/10/06-SO-JC-9(0-2)	0.0010 U	mg/kg	UJ

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Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	11/02/06 (11:10)	Endrin aldehyde	30		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0020 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00064 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.024 J	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.0010 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Methoxychlor	41		T1-18/10/06-SE-MB-12(Surface)	0.0046 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.0040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0081 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0060 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.0033 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.12 U	mg/kg	UJ
					T1-19/10/06-SO-JC-9(0-2)	0.0052 U	mg/kg	UJ
Pesticides	11/02/06 (11:10)	Endrin ketone	28		T1-18/10/06-SE-MB-12(Surface)	0.00089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-5(Surface)	0.00078 U	mg/kg	UJ
					T1-18/10/06-SE-MB-7(Surface)	0.0016 U	mg/kg	UJ
					T1-18/10/06-SE-MB-8(Surface)	0.0012 U	mg/kg	UJ
					T1-19/10/06-SO-JC-10(0-2)	0.00064 U	mg/kg	UJ
					T1-19/10/06-SO-JC-11(0-2)	0.0024 U	mg/kg	UJ
					T1-19/10/06-SO-JC-8(0-2)	0.023 J	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	0.0020 J	mg/kg	J
Pesticides	11/02/06 (01:11)	4,4'-DDT	61.1		T1-18/10/06-SE-JC-1(Mid)	0.00045 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00067 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.016	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	0.00097 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00042 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00044 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.0032 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00088 J	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	0.00070 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0010 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00065 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00066 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0011 U	mg/kg	UJ
Pesticides	11/02/06 (01:11)	delta-BHC	29.6		T1-18/10/06-SE-JC-1(Mid)	0.00023 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00024 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.0034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.00050 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00022 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00023 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.033 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.00036 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.00054 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00041 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.00056 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	11/02/06 (01:11)	Endrin ketone	27.5		T1-18/10/06-SE-JC-1(Mid)	0.00045 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.00046 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.00067 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.0066 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.00097 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.00042 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.00044 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.0032 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.00085 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.00070 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0010 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.00065 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.00066 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0011 U	mg/kg	UJ
Pesticides	11/02/06 (01:11)	Methoxychlor	49.2		T1-18/10/06-SE-JC-1(Mid)	0.0023 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Refusal)	0.0024 U	mg/kg	UJ
					T1-18/10/06-SE-JC-1(Surface)	0.0034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-10(Surface)	0.034 U	mg/kg	UJ
					T1-18/10/06-SE-MB-11(Surface)	0.0050 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Mid)	0.0022 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Refusal)	0.0023 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-9(Surface)	0.016 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Mid)	0.0044 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Refusal)	0.0036 U	mg/kg	UJ
					T1-19/10/06-SE-MB-27(Surface)	0.0054 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Mid)	0.0034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Refusal)	0.0034 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-3(Surface)	0.0041 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Refusal)	0.0056 U	mg/kg	UJ
Pesticides	11/07/06 (06:10)	4,4'-DDT	29.3		T1-19/10/06-SE-SLC-6(Mid)	0.12 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-6(Surface)	0.10 U	mg/kg	UJ
Pesticides	11/09/06 (20:56)	Endosulfan sulfate	28.5		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		4,4'-DDT	54		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		Endrin ketone	34.7		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
		Methoxychlor	44.6		T1-18/10/06-SE-MB-6(Surface)	0.0062 U	mg/kg	UJ
		Endrin aldehyde	30.6		T1-18/10/06-SE-MB-6(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/24/06 (02:19)	4,4'-DDT	38		T1-18/10/06-SW-MB-21	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-24	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-28	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-29	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-SLC-8	0.0000060 U	mg/L	UJ
					T1-17/10/06-WE-4	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-JC-1	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-10	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-13	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-14	0.0000060 U	mg/L	UJ
					T1-18/10/06-SW-MB-18	0.0000060 U	mg/L	UJ
Pesticides	10/19/06 (13:16)	4,4'-DDT	30		T1-12/10/06-SE-SLC-1(Mid)	0.00040 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.00042 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.00040 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.0048 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.0041 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.0052 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/19/06 (13:16)	Methoxychlor	27		T1-12/10/06-SE-SLC-1(Mid)	0.0021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Refusal)	0.0021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-1(Surface)	0.0020 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Mid)	0.025 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Refusal)	0.021 U	mg/kg	UJ
					T1-12/10/06-SE-SLC-2(Surface)	0.027 U	mg/kg	UJ
Pesticides	10/20/06 (02:27)	4,4'-DDT	30		T1-13/10/06-SE-MB-1(Mid)	0.00078 J	mg/kg	J
					T1-13/10/06-SE-MB-1(Refusal)	0.00077 U	mg/kg	UJ
					T1-13/10/06-SE-MB-1(Surface)	0.00067 U	mg/kg	UJ
					T1-13/10/06-SE-MB-2(Surface)	0.00062 U	mg/kg	UJ
					T1-13/10/06-SE-MB-3(Surface)	0.00063 U	mg/kg	UJ
					T1-13/10/06-SE-MB-4(Surface)	0.00098 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Mid)	0.0045 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Refusal)	0.015 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-4(Surface)	0.0052 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Mid)	0.0039 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Refusal)	0.0030 U	mg/kg	UJ
					T1-13/10/06-SE-SLC-5(Surface)	0.0059 J	mg/kg	J
Pesticides	10/21/06 (11:45)	4,4'-DDD	44		T1-17/10/06-SE-MB-23(Surface)	0.0034 J	mg/kg	J
		4,4'-DDT	94		T1-17/10/06-SE-MB-18(Mid)	0.021 U	mg/kg	R
					T1-17/10/06-SE-MB-18(Refusal)	0.023 U	mg/kg	R
					T1-17/10/06-SE-MB-18(Surface)	0.0016 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Mid)	0.0032 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Refusal)	0.0093 U	mg/kg	R
					T1-17/10/06-SE-MB-21(Surface)	0.011 U	mg/kg	R
					T1-17/10/06-SE-MB-22(Surface)	0.0015 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Mid)	0.0080 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Refusal)	0.0079 U	mg/kg	R
					T1-17/10/06-SE-MB-24(Surface)	0.0075 U	mg/kg	R
					T1-17/10/06-SE-MB-25(Surface)	0.0012 U	mg/kg	R
					T1-17/10/06-SE-MB-26(Surface)	0.0020 U	mg/kg	R
					T1-17/10/06-SE-MB-29(Surface)	0.0017 U	mg/kg	R
					T1-17/10/06-SE-MB-31(Surface)	0.00089 U	mg/kg	R
					T1-17/10/06-SE-MB-33(Surface)	0.00076 U	mg/kg	R
					T1-17/10/06-SE-MB-35(Surface)	0.00092 U	mg/kg	R
Pesticides	10/21/06 (11:45)	Methoxychlor	85		T1-17/10/06-SE-MB-18(Mid)	0.11 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.12 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Surface)	0.0082 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Mid)	0.017 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.048 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.055 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.0080 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.041 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Refusal)	0.040 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.038 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.0064 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.0087 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.0046 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.0039 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.0048 U	mg/kg	UJ
Pesticides	10/21/06 (11:45)	Endrin ketone	46		T1-17/10/06-SE-MB-18(Mid)	0.021 U	mg/kg	UJ
					T1-17/10/06-SE-MB-18(Refusal)	0.024 J	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	0.0021 J	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	0.0032 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Refusal)	0.0093 U	mg/kg	UJ
					T1-17/10/06-SE-MB-21(Surface)	0.011 U	mg/kg	UJ
					T1-17/10/06-SE-MB-22(Surface)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-23(Surface)	0.0029 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Mid)	0.0080 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/21/06 (11:45)	Endrin ketone	46		T1-17/10/06-SE-MB-24(Refusal)	0.0079 U	mg/kg	UJ
					T1-17/10/06-SE-MB-24(Surface)	0.0075 U	mg/kg	UJ
					T1-17/10/06-SE-MB-25(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-MB-26(Surface)	0.0020 U	mg/kg	UJ
					T1-17/10/06-SE-MB-29(Surface)	0.0017 U	mg/kg	UJ
					T1-17/10/06-SE-MB-31(Surface)	0.00089 U	mg/kg	UJ
					T1-17/10/06-SE-MB-33(Surface)	0.00076 U	mg/kg	UJ
					T1-17/10/06-SE-MB-35(Surface)	0.00092 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Heptachlor	38		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00038 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.00064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Heptachlor epoxide	30		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0065 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.011 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0036 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	alpha-Chlordane	31		T1-17/10/06-SE-GSUC-1(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0026 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0020 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.00081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.00077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endosulfan I	29		T1-17/10/06-SE-GSUC-1(Mid)	0.00064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00052 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.00069 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00065 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.00083 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.00066 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0011 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00057 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0016 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/25/06 (03:21)	4,4'-DDE	31		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0033 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0047 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0025 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.018 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0013 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Dieldrin	30		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0030 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin	33		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0021 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0061 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.015	mg/kg	J
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	4,4'-DDT	84		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0089 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.027 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin aldehyde	32		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.00097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00074 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0024 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.020 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/25/06 (03:21)	Endrin aldehyde	32		T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endosulfan sulfate	35		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0097 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0056 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Methoxychlor	75		T1-17/10/06-SE-GSUC-1(Mid)	0.0050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.0040 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0054 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0050 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.0038 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0060 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0064 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0051 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0081 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0077 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0083 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.0044 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.012 U	mg/kg	UJ
Pesticides	10/25/06 (03:21)	Endrin ketone	49		T1-17/10/06-SE-GSUC-1(Mid)	0.00096 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Refusal)	0.00078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-1(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Mid)	0.0078 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Refusal)	0.00074 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-2(Surface)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Mid)	0.0012 U	mg/kg	UJ
					T1-17/10/06-SE-GSUC-3(Surface)	0.0010 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Mid)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Refusal)	0.0015 U	mg/kg	UJ
					T1-17/10/06-SE-MB-28(Surface)	0.0016 U	mg/kg	UJ
					T1-17/10/06-SE-MB-32(Surface)	0.00086 U	mg/kg	UJ
					T1-17/10/06-SE-MB-34(Surface)	0.0023 U	mg/kg	UJ
Pesticides	10/26/06 (01:19)	4,4'-DDT	30		T1-17/10/06-SE-GSUC-3(Refusal)	0.020 U	mg/kg	UJ
					T1-17/10/06-SE-MB-30(Surface)	0.00095 U	mg/kg	UJ
Pesticides	10/26/06 (06:43)	4,4'-DDT	67		T1-18/10/06-SE-MB-13(Surface)	0.0017 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.014 J	mg/kg	J
					T1-18/10/06-SE-MB-15(Surface)	0.0019 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.0015 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.0013 U	mg/kg	UJ
Pesticides	10/26/06 (06:43)	Methoxychlor	58		T1-18/10/06-SE-MB-13(Surface)	0.0089 U	mg/kg	UJ
					T1-18/10/06-SE-MB-14(Surface)	0.040 U	mg/kg	UJ
					T1-18/10/06-SE-MB-15(Surface)	0.0098 U	mg/kg	UJ
					T1-18/10/06-SE-MB-16(Surface)	0.0077 U	mg/kg	UJ
					T1-18/10/06-SE-MB-17(Surface)	0.0069 U	mg/kg	UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Pesticides	10/31/06 (12:34)	4,4'-DDT	44		T1-19/10/06-SE-JC-2(Mid)	0.00049 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.00052 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.00046 U	mg/kg	UJ
Pesticides	10/31/06 (12:34)	Methoxychlor	37		T1-19/10/06-SE-JC-2(Mid)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.0041 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.0026 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.0027 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.0023 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.0026 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.0024 U	mg/kg	UJ
Pesticides	10/31/06 (12:34)	Endrin ketone	26		T1-19/10/06-SE-JC-2(Mid)	0.00063 J	mg/kg	J
					T1-19/10/06-SE-JC-2(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-2(Surface)	0.00080 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Mid)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-3(Surface)	0.00052 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Mid)	0.00044 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Refusal)	0.00051 U	mg/kg	UJ
					T1-19/10/06-SE-SLC-8(Surface)	0.00046 U	mg/kg	UJ
Pesticides	10/27/06 (18:02)	4,4'-DDT	34		T1-18/10/06-SE-MB-9(Surface)	0.0012 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.00041 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.00047 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Surface)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Mid)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Refusal)	0.00048 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Surface)	0.00049 U	mg/kg	UJ
Pesticides	10/27/06 (18:02)	Methoxychlor	31		T1-18/10/06-SE-MB-9(Surface)	0.0061 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Mid)	0.0021 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Refusal)	0.0024 U	mg/kg	UJ
					T1-18/10/06-SE-SLC-7(Surface)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Mid)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Refusal)	0.0025 U	mg/kg	UJ
					T1-19/10/06-SE-JC-4(Surface)	0.0025 U	mg/kg	UJ
Pesticides	11/01/06 (22:01)	Heptachlor	33		T1-19/10/06-SE-JC-5(Mid)	0.042	mg/kg	J
					T1-19/10/06-SE-JC-5(Refusal)	0.014 U	mg/kg	UJ
					T1-19/10/06-SE-JC-5(Surface)	0.0022 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Mid)	0.067	mg/kg	J
					T1-19/10/06-SE-JC-6(Refusal)	0.00040 J	mg/kg	J
					T1-19/10/06-SE-JC-6(Surface)	0.0071 U	mg/kg	UJ
					T1-19/10/06-SE-JC-7(Mid)	0.00024 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Refusal)	0.00027 J	mg/kg	J
					T1-19/10/06-SE-JC-7(Surface)	0.056	mg/kg	J
PCBs	10/30/06	Aroclor-1254 (PCB-1254)	21.2		T1-17/10/06-SE-GSUC-1(Surface)	0.030 J	mg/Kg	J
		Aroclor-1254 (PCB-1254)			T1-17/10/06-SE-GSUC-1(Mid)	0.047 J	mg/Kg	J
PCBs	10/30/06	Aroclor-1260 (PCB-1260)	23.7		T1-17/10/06-SE-GSUC-1(Surface)	0.034 J	mg/Kg	J
		Aroclor-1260 (PCB-1260)			T1-17/10/06-SE-GSUC-1(Mid)	0.059	mg/Kg	J

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TPH	10/19/06	TPH (>C12-C28)	35		T1-12/10/06-SW-SLC-1	1.8 U	mg/L	UJ
					T1-12/10/06-SW-SLC-2	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-1	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-3	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-6	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-5	1.8 U	mg/L	UJ
					T1-13/10/06-SW-MB-27	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-7	1.8 U	mg/L	UJ
TPH	10/19/06	TPH (C6-C35)	27		T1-12/10/06-SW-SLC-1	1.8 U	mg/L	UJ
					T1-12/10/06-SW-SLC-2	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-1	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-3	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-4	1.9 U	mg/L	UJ
					T1-13/10/06-SW-MB-6	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-5	1.8 U	mg/L	UJ
					T1-13/10/06-SW-MB-27	1.8 U	mg/L	UJ
					T1-13/10/06-SW-SLC-7	1.8 U	mg/L	UJ

Notes:

%D	Percent Difference.
J	Estimated.
PCBs	Polychlorinated Biphenyls.
R	Rejected.
RRF	Relative Response Factor.
SVOCs	Semi-volatile Organic Compounds.
TPH	Total Petroleum Hydrocarbons.
U	Non-detect at associated value.
UJ	The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs	Volatile Organic Compounds.

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	62	70-111	T1-13/10/06-SE-MB-2(Surface)	Ethylbenzene	0.00011 U	mg/kg	UJ
					Styrene	0.00019 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00030 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00025 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00030 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00025 U	mg/kg	UJ
					1,2-Dichloroethane	0.00029 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00074 U	mg/kg	UJ
					Methyl cyclohexane	0.00021 U	mg/kg	UJ
					Toluene	0.00077 J	mg/kg	J
					Chlorobenzene	0.00021 U	mg/kg	UJ
					Cyclohexane	0.00016 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00034 U	mg/kg	UJ
					Dibromochloromethane	0.00009 U	mg/kg	UJ
					Tetrachloroethene	0.00011 U	mg/kg	UJ
					m&p-Xylene	0.00032 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00036 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00023 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00040 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00023 U	mg/kg	UJ
					Carbon tetrachloride	0.00027 U	mg/kg	UJ
					2-Hexanone	0.0016 U	mg/kg	UJ
					Acetone	0.27	mg/kg	J
					Chloroform (Trichloromethane)	0.00023 U	mg/kg	UJ
					Benzene	0.00019 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00017 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00048 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00063 U	mg/kg	UJ
					Chloroethane	0.00025 U	mg/kg	UJ
					Vinyl chloride	0.00030 U	mg/kg	UJ
					Methylene chloride	0.00046 U	mg/kg	UJ
					Carbon disulfide	0.0028 J	mg/kg	J
					Bromoform	0.00023 U	mg/kg	UJ
					Bromodichloromethane	0.00015 U	mg/kg	UJ
					1,1-Dichloroethane	0.00019 U	mg/kg	UJ
					1,1-Dichloroethene	0.00074 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00055 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	62	70-111	T1-13/10/06-SE-MB-2(Surface)	Dichlorodifluoromethane (CFC-12)	0.00023 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00021 U	mg/kg	UJ
					1,2-Dichloropropane	0.00032 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.011 J	mg/kg	J
					1,1,2-Trichloroethane	0.00052 U	mg/kg	UJ
					Trichloroethene	0.00029 U	mg/kg	UJ
					Methyl acetate	0.0011 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00044 U	mg/kg	UJ
					o-Xylene	0.0030 J	mg/kg	J
					1,2-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00038 U	mg/kg	UJ
					Isopropylbenzene	0.00011 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	57	70-111	T1-13/10/06-SE-MB-3(Surface)	Ethylbenzene	0.00011 U	mg/kg	UJ
					Styrene	0.00019 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00030 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00024 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00030 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00024 U	mg/kg	UJ
					1,2-Dichloroethane	0.00028 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00073 U	mg/kg	UJ
					Methyl cyclohexane	0.00021 U	mg/kg	UJ
					Toluene	0.00067 J	mg/kg	J
					Chlorobenzene	0.00021 U	mg/kg	UJ
					Cyclohexane	0.00015 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00034 U	mg/kg	UJ
					Dibromochloromethane	0.00009 U	mg/kg	UJ
					Tetrachloroethene	0.00011 U	mg/kg	UJ
					m&p-Xylene	0.00032 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00036 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00023 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00039 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00023 U	mg/kg	UJ
					Carbon tetrachloride	0.00026 U	mg/kg	UJ
					2-Hexanone	0.0015 U	mg/kg	UJ
					Acetone	0.073	mg/kg	J
					Chloroform (Trichloromethane)	0.00023 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	57	70-111	T1-13/10/06-SE-MB-3(Surface)	Benzene	0.00019 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00017 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00047 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00062 U	mg/kg	UJ
					Chloroethane	0.00024 U	mg/kg	UJ
					Vinyl chloride	0.00030 U	mg/kg	UJ
					Methylene chloride	0.00045 U	mg/kg	UJ
					Carbon disulfide	0.00059 J	mg/kg	J
					Bromoform	0.00023 U	mg/kg	UJ
					Bromodichloromethane	0.00015 U	mg/kg	UJ
					1,1-Dichloroethane	0.00019 U	mg/kg	UJ
					1,1-Dichloroethene	0.00073 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00054 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00023 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00021 U	mg/kg	UJ
					1,2-Dichloropropane	0.00032 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0086 J	mg/kg	J
					1,1,2-Trichloroethane	0.00051 U	mg/kg	UJ
					Trichloroethene	0.00028 U	mg/kg	UJ
					Methyl acetate	0.0011 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00043 U	mg/kg	UJ
					o-Xylene	0.00032 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00038 U	mg/kg	UJ
					Isopropylbenzene	0.00011 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-19(Surface)	Ethylbenzene	0.00023 U	mg/kg	UJ
					Styrene	0.00038 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00061 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00049 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00061 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00049 U	mg/kg	UJ
					1,2-Dichloroethane	0.00057 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0015 U	mg/kg	UJ
					Methyl cyclohexane	0.00042 U	mg/kg	UJ
					Toluene	0.00031 U	mg/kg	UJ
					Chlorobenzene	0.00042 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-19(Surface)	Cyclohexane	0.00031 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00068 U	mg/kg	UJ
					Dibromochloromethane	0.00019 U	mg/kg	UJ
					Tetrachloroethene	0.00023 U	mg/kg	UJ
					m&p-Xylene	0.00065 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00072 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00045 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00080 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00045 U	mg/kg	UJ
					Carbon tetrachloride	0.00053 U	mg/kg	UJ
					2-Hexanone	0.0031 U	mg/kg	UJ
					Acetone	0.10	mg/kg	J
					Chloroform (Trichloromethane)	0.00045 U	mg/kg	UJ
					Benzene	0.00038 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00034 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00095 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0013 U	mg/kg	UJ
					Chloroethane	0.00049 U	mg/kg	UJ
					Vinyl chloride	0.00061 U	mg/kg	UJ
					Methylene chloride	0.00091 U	mg/kg	UJ
					Carbon disulfide	0.012 J	mg/kg	J
					Bromoform	0.00045 U	mg/kg	UJ
					Bromodichloromethane	0.00031 U	mg/kg	UJ
					1,1-Dichloroethane	0.00038 U	mg/kg	UJ
					1,1-Dichloroethene	0.0015 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0011 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00045 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00042 U	mg/kg	UJ
					1,2-Dichloropropane	0.00065 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0059 J	mg/kg	J
					1,1,2-Trichloroethane	0.0010 U	mg/kg	UJ
					Trichloroethene	0.00057 U	mg/kg	UJ
					Methyl acetate	0.0023 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00087 U	mg/kg	UJ
					o-Xylene	0.0058 J	mg/kg	J
					1,2-Dichlorobenzene	0.00034 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-19(Surface)	1,2-Dibromo-3-chloropropane (DBCP)	0.00076 U	mg/kg	UJ
					Isopropylbenzene	0.00023 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	69	70-111	T1-17/10/06-SE-MB-20(Surface)	Ethylbenzene	0.00044 J	mg/kg	J
					Styrene	0.00034 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00054 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00044 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00054 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00044 U	mg/kg	UJ
					1,2-Dichloroethane	0.00051 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0013 U	mg/kg	UJ
					Methyl cyclohexane	0.00037 U	mg/kg	UJ
					Toluene	0.00027 U	mg/kg	UJ
					Chlorobenzene	0.00037 U	mg/kg	UJ
					Cyclohexane	0.00027 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00061 U	mg/kg	UJ
					Dibromochloromethane	0.00017 U	mg/kg	UJ
					Tetrachloroethene	0.00020 U	mg/kg	UJ
					m&p-Xylene	0.00058 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00064 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00041 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00071 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00041 U	mg/kg	UJ
					Carbon tetrachloride	0.00047 U	mg/kg	UJ
					2-Hexanone	0.0028 U	mg/kg	UJ
					Acetone	0.060	mg/kg	J
					Chloroform (Trichloromethane)	0.00041 U	mg/kg	UJ
					Benzene	0.00034 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00031 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00085 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0011 U	mg/kg	UJ
					Chloroethane	0.00044 U	mg/kg	UJ
					Vinyl chloride	0.00054 U	mg/kg	UJ
					Methylene chloride	0.00081 U	mg/kg	UJ
					Carbon disulfide	0.0062 J	mg/kg	J
					Bromoform	0.00041 U	mg/kg	UJ
					Bromodichloromethane	0.00027 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	69	70-111	T1-17/10/06-SE-MB-20(Surface)	1,1-Dichloroethane	0.00034 U	mg/kg	UJ
					1,1-Dichloroethene	0.0013 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00098 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00041 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00037 U	mg/kg	UJ
					1,2-Dichloropropane	0.00058 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0047 J	mg/kg	J
					1,1,2-Trichloroethane	0.00091 U	mg/kg	UJ
					Trichloroethene	0.00051 U	mg/kg	UJ
					Methyl acetate	0.0020 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00078 U	mg/kg	UJ
					o-Xylene	0.0052 J	mg/kg	J
					1,2-Dichlorobenzene	0.00031 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00068 U	mg/kg	UJ
					Isopropylbenzene	0.00020 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	46	70-111	T1-17/10/06-SE-MB-18(Surface)	Ethylbenzene	0.00029 U	mg/kg	UJ
					Styrene	0.00048 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00077 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00062 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00077 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00062 U	mg/kg	UJ
					1,2-Dichloroethane	0.00072 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0019 U	mg/kg	UJ
					Methyl cyclohexane	0.00053 U	mg/kg	UJ
					Toluene	0.0022 J	mg/kg	J
					Chlorobenzene	0.00053 U	mg/kg	UJ
					Cyclohexane	0.00039 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00086 U	mg/kg	UJ
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00029 U	mg/kg	UJ
					m&p-Xylene	0.00082 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00091 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00057 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0010 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00057 U	mg/kg	UJ
					Carbon tetrachloride	0.00067 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	46	70-111	T1-17/10/06-SE-MB-18(Surface)	2-Hexanone	0.0039 U	mg/kg	UJ
					Acetone	0.19	mg/kg	J
					Chloroform (Trichloromethane)	0.00057 U	mg/kg	UJ
					Benzene	0.00048 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00043 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0012 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0016 U	mg/kg	UJ
					Chloroethane	0.00062 U	mg/kg	UJ
					Vinyl chloride	0.00077 U	mg/kg	UJ
					Methylene chloride	0.0012 U	mg/kg	UJ
					Carbon disulfide	0.0024 J	mg/kg	J
					Bromoform	0.00057 U	mg/kg	UJ
					Bromodichloromethane	0.00039 U	mg/kg	UJ
					1,1-Dichloroethane	0.00048 U	mg/kg	UJ
					1,1-Dichloroethene	0.0019 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0014 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00057 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00053 U	mg/kg	UJ
					1,2-Dichloropropane	0.00082 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.026 J	mg/kg	J
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					Trichloroethene	0.00072 U	mg/kg	UJ
					Methyl acetate	0.0029 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					o-Xylene	0.0077 J	mg/kg	J
					1,2-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00096 U	mg/kg	UJ
					Isopropylbenzene	0.00029 U	mg/kg	UJ
VOCs	Toluene-d8	125	70-123	T1-17/10/06-SE-MB-18(Mid)	Ethylbenzene	0.0016 J	mg/kg	J
					1,4-Dichlorobenzene	0.00057 J	mg/kg	J
					Methyl cyclohexane	0.0084 J	mg/kg	J
					Toluene	0.0018 J	mg/kg	J
					Chlorobenzene	0.00037 J	mg/kg	J
					Cyclohexane	0.0021 J	mg/kg	J
					m&p-Xylene	0.0065 J	mg/kg	J
					Acetone	0.098	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	Toluene-d8	125	70-123	T1-17/10/06-SE-MB-18(Mid)	Carbon disulfide	0.014	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.016 J	mg/kg	J
					o-Xylene	0.011 J	mg/kg	J
					1,2-Dichlorobenzene	0.00050 J	mg/kg	J
					Isopropylbenzene	0.030	mg/kg	J
VOCs	4-Bromofluorobenzene	62	70-111	T1-17/10/06-SE-MB-29(Surface)	Ethylbenzene	0.00031 U	mg/kg	UJ
					Styrene	0.00051 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00082 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00066 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00082 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00066 U	mg/kg	UJ
					1,2-Dichloroethane	0.00076 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0020 U	mg/kg	UJ
					Methyl cyclohexane	0.00056 U	mg/kg	UJ
					Toluene	0.0015 J	mg/kg	J
					Chlorobenzene	0.00056 U	mg/kg	UJ
					Cyclohexane	0.00053 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00092 U	mg/kg	UJ
					Dibromochloromethane	0.00026 U	mg/kg	UJ
					Tetrachloroethene	0.00031 U	mg/kg	UJ
					m&p-Xylene	0.00087 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00097 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00061 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0015 J	mg/kg	J
					1,3-Dichlorobenzene	0.00061 U	mg/kg	UJ
					Carbon tetrachloride	0.00071 U	mg/kg	UJ
					2-Hexanone	0.0042 U	mg/kg	UJ
					Acetone	0.11	mg/kg	J
					Chloroform (Trichloromethane)	0.00061 U	mg/kg	UJ
					Benzene	0.00051 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00046 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0013 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0017 U	mg/kg	UJ
					Chloroethane	0.00066 U	mg/kg	UJ
					Vinyl chloride	0.00082 U	mg/kg	UJ
					Methylene chloride	0.0012 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	62	70-111	T1-17/10/06-SE-MB-29(Surface)	Carbon disulfide	0.010 J	mg/kg	J
					Bromoform	0.00061 U	mg/kg	UJ
					Bromodichloromethane	0.00041 U	mg/kg	UJ
					1,1-Dichloroethane	0.00051 U	mg/kg	UJ
					1,1-Dichloroethene	0.0020 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0015 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00061 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00056 U	mg/kg	UJ
					1,2-Dichloropropane	0.00087 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.015 J	mg/kg	J
					1,1,2-Trichloroethane	0.0014 U	mg/kg	UJ
					Trichloroethene	0.00076 U	mg/kg	UJ
					Methyl acetate	0.0031 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0012 U	mg/kg	UJ
					o-Xylene	0.0083 J	mg/kg	J
					1,2-Dichlorobenzene	0.00046 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0010 U	mg/kg	UJ
					Isopropylbenzene	0.00031 U	mg/kg	UJ
VOCs	Dibromofluoromethane	117	71-114	T1-17/10/06-SE-MB-23(Surface)	Ethylbenzene	0.00085 J	mg/kg	J
					Toluene	0.0045 J	mg/kg	J
					Cyclohexane	0.0011 J	mg/kg	J
					Acetone	0.77	mg/kg	J
					Carbon disulfide	0.018 J	mg/kg	J
					Trifluorotrichloroethane (Freon 113)	0.0013 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.022 J	mg/kg	J
					o-Xylene	0.014 J	mg/kg	J
					Isopropylbenzene	0.00060 J	mg/kg	J
VOCs	4-Bromofluorobenzene	67	70-111	T1-17/10/06-SE-MB-35(Surface)	Ethylbenzene	0.00017 U	mg/kg	UJ
					Styrene	0.00028 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00045 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00036 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00045 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00036 U	mg/kg	UJ
					1,2-Dichloroethane	0.00042 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0011 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	67	70-111	T1-17/10/06-SE-MB-35(Surface)	Methyl cyclohexane	0.00031 U	mg/kg	UJ
					Toluene	0.00022 U	mg/kg	UJ
					Chlorobenzene	0.00031 U	mg/kg	UJ
					Cyclohexane	0.00022 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00050 U	mg/kg	UJ
					Dibromochloromethane	0.00014 U	mg/kg	UJ
					Tetrachloroethene	0.00017 U	mg/kg	UJ
					m&p-Xylene	0.00047 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00053 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00033 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00058 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00033 U	mg/kg	UJ
					Carbon tetrachloride	0.00039 U	mg/kg	UJ
					2-Hexanone	0.0023 U	mg/kg	UJ
					Acetone	0.040	mg/kg	J
					Chloroform (Trichloromethane)	0.00033 U	mg/kg	UJ
					Benzene	0.00028 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00025 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00069 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00092 U	mg/kg	UJ
					Chloroethane	0.00036 U	mg/kg	UJ
					Vinyl chloride	0.00045 U	mg/kg	UJ
					Methylene chloride	0.00067 U	mg/kg	UJ
					Carbon disulfide	0.0069 J	mg/kg	J
					Bromoform	0.00033 U	mg/kg	UJ
					Bromodichloromethane	0.00022 U	mg/kg	UJ
					1,1-Dichloroethane	0.00028 U	mg/kg	UJ
					1,1-Dichloroethene	0.0011 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00081 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00033 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00090 J	mg/kg	J
					1,2-Dichloropropane	0.00058 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.0060 J	mg/kg	J
					1,1,2-Trichloroethane	0.00075 U	mg/kg	UJ
					Trichloroethene	0.00042 U	mg/kg	UJ
					Methyl acetate	0.0017 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00064 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	67	70-111	T1-17/10/06-SE-MB-35(Surface)	o-Xylene	0.0042 J	mg/kg	J
					1,2-Dichlorobenzene	0.00025 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00055 U	mg/kg	UJ
					Isopropylbenzene	0.00017 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	48	70-111	T1-17/10/06-SE-MB-33(Surface)	Ethylbenzene	0.00039 J	mg/kg	J
					Styrene	0.00023 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00037 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00030 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00037 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00030 U	mg/kg	UJ
					1,2-Dichloroethane	0.00034 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00089 U	mg/kg	UJ
					Methyl cyclohexane	0.00025 U	mg/kg	UJ
					Toluene	0.00021 J	mg/kg	J
					Chlorobenzene	0.00025 U	mg/kg	UJ
					Cyclohexane	0.00018 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00041 U	mg/kg	UJ
					Dibromochloromethane	0.00012 U	mg/kg	UJ
					Tetrachloroethene	0.00014 U	mg/kg	UJ
					m&p-Xylene	0.00039 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00043 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00027 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00048 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00027 U	mg/kg	UJ
					Carbon tetrachloride	0.00032 U	mg/kg	UJ
					2-Hexanone	0.0019 U	mg/kg	UJ
					Acetone	0.079	mg/kg	J
					Chloroform (Trichloromethane)	0.00027 U	mg/kg	UJ
					Benzene	0.00023 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00021 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00057 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00075 U	mg/kg	UJ
					Chloroethane	0.00030 U	mg/kg	UJ
					Vinyl chloride	0.00037 U	mg/kg	UJ
					Methylene chloride	0.00075 J	mg/kg	J
					Carbon disulfide	0.015	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	48	70-111	T1-17/10/06-SE-MB-33(Surface)	Bromoform	0.00027 U	mg/kg	UJ
					Bromodichloromethane	0.00018 U	mg/kg	UJ
					1,1-Dichloroethane	0.00023 U	mg/kg	UJ
					1,1-Dichloroethene	0.00089 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00066 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00027 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00025 U	mg/kg	UJ
					1,2-Dichloropropane	0.00062 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.0078 J	mg/kg	J
					1,1,2-Trichloroethane	0.00062 U	mg/kg	UJ
					Trichloroethene	0.00034 U	mg/kg	UJ
					Methyl acetate	0.0014 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00053 U	mg/kg	UJ
					o-Xylene	0.0035 J	mg/kg	J
					1,2-Dichlorobenzene	0.00021 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00046 U	mg/kg	UJ
					Isopropylbenzene	0.00014 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	61	70-111	T1-17/10/06-SE-MB-32(Surface)	Ethylbenzene	0.00016 U	mg/kg	UJ
					Styrene	0.00026 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00041 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00034 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00041 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00034 U	mg/kg	UJ
					1,2-Dichloroethane	0.00039 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0010 U	mg/kg	UJ
					Methyl cyclohexane	0.00029 U	mg/kg	UJ
					Toluene	0.00045 J	mg/kg	J
					Chlorobenzene	0.00029 U	mg/kg	UJ
					Cyclohexane	0.00021 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00047 U	mg/kg	UJ
					Dibromochloromethane	0.00013 U	mg/kg	UJ
					Tetrachloroethene	0.00016 U	mg/kg	UJ
					m&p-Xylene	0.00044 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00049 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00031 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00054 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	61	70-111	T1-17/10/06-SE-MB-32(Surface)	1,3-Dichlorobenzene	0.00031 U	mg/kg	UJ
					Carbon tetrachloride	0.00036 U	mg/kg	UJ
					2-Hexanone	0.0021 U	mg/kg	UJ
					Acetone	0.080	mg/kg	J
					Chloroform (Trichloromethane)	0.00031 U	mg/kg	UJ
					Benzene	0.00026 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00023 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00065 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00086 U	mg/kg	UJ
					Chloroethane	0.00034 U	mg/kg	UJ
					Vinyl chloride	0.00041 U	mg/kg	UJ
					Methylene chloride	0.00062 U	mg/kg	UJ
					Carbon disulfide	0.0074 J	mg/kg	J
					Bromoform	0.00031 U	mg/kg	UJ
					Bromodichloromethane	0.00021 U	mg/kg	UJ
					1,1-Dichloroethane	0.00026 U	mg/kg	UJ
					1,1-Dichloroethene	0.0010 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00075 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00031 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00044 J	mg/kg	J
					1,2-Dichloropropane	0.00044 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0069 J	mg/kg	J
					1,1,2-Trichloroethane	0.00070 U	mg/kg	UJ
					Trichloroethene	0.00039 U	mg/kg	UJ
					Methyl acetate	0.0016 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00060 U	mg/kg	UJ
					o-Xylene	0.00044 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00052 U	mg/kg	UJ
					Isopropylbenzene	0.00016 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-28(Surface)	Ethylbenzene	0.00035 J	mg/kg	J
					Styrene	0.00049 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00078 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00063 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00078 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00063 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-28(Surface)	1,2-Dichloroethane	0.00073 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0019 U	mg/kg	UJ
					Methyl cyclohexane	0.00053 U	mg/kg	UJ
					Toluene	0.0014 J	mg/kg	J
					Chlorobenzene	0.00053 U	mg/kg	UJ
					Cyclohexane	0.00039 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00088 U	mg/kg	UJ
					Dibromochloromethane	0.00025 U	mg/kg	UJ
					Tetrachloroethene	0.00029 U	mg/kg	UJ
					m&p-Xylene	0.0012 J	mg/kg	J
					cis-1,2-Dichloroethene	0.00092 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00058 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0025 J	mg/kg	J
					1,3-Dichlorobenzene	0.00058 U	mg/kg	UJ
					Carbon tetrachloride	0.00068 U	mg/kg	UJ
					2-Hexanone	0.0040 U	mg/kg	UJ
					Acetone	0.12	mg/kg	J
					Chloroform (Trichloromethane)	0.00058 U	mg/kg	UJ
					Benzene	0.00049 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00044 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0012 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0016 U	mg/kg	UJ
					Chloroethane	0.00063 U	mg/kg	UJ
					Vinyl chloride	0.00078 U	mg/kg	UJ
					Methylene chloride	0.0012 U	mg/kg	UJ
					Carbon disulfide	0.0080 J	mg/kg	J
					Bromoform	0.00058 U	mg/kg	UJ
					Bromodichloromethane	0.00039 U	mg/kg	UJ
					1,1-Dichloroethane	0.00049 U	mg/kg	UJ
					1,1-Dichloroethene	0.0019 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0014 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00058 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00056 J	mg/kg	J
					1,2-Dichloropropane	0.00083 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.018 J	mg/kg	J
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					Trichloroethene	0.00073 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	68	70-111	T1-17/10/06-SE-MB-28(Surface)	Methyl acetate	0.0029 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					o-Xylene	0.0083 J	mg/kg	J
					1,2-Dichlorobenzene	0.00055 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00097 U	mg/kg	UJ
					Isopropylbenzene	0.00042 J	mg/kg	J
VOCs	4-Bromofluorobenzene	55	70-111	T1-17/10/06-SE-MB-28(Mid)	Ethylbenzene	0.00028 U	mg/kg	UJ
					Styrene	0.00047 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00075 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00061 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00075 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00061 U	mg/kg	UJ
					1,2-Dichloroethane	0.00071 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0018 U	mg/kg	UJ
					Methyl cyclohexane	0.00052 U	mg/kg	UJ
					Toluene	0.00082 J	mg/kg	J
					Chlorobenzene	0.00052 U	mg/kg	UJ
					Cyclohexane	0.00038 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00085 U	mg/kg	UJ
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00028 U	mg/kg	UJ
					m&p-Xylene	0.00080 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00090 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00057 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0048 J	mg/kg	J
					1,3-Dichlorobenzene	0.00057 U	mg/kg	UJ
					Carbon tetrachloride	0.00066 U	mg/kg	UJ
					2-Hexanone	0.0039 U	mg/kg	UJ
					Acetone	0.12	mg/kg	J
					Chloroform (Trichloromethane)	0.00057 U	mg/kg	UJ
					Benzene	0.00047 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00043 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0012 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0016 U	mg/kg	UJ
					Chloroethane	0.00061 U	mg/kg	UJ
					Vinyl chloride	0.00075 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	55	70-111	T1-17/10/06-SE-MB-28(Mid)	Methylene chloride	0.0011 U	mg/kg	UJ
					Carbon disulfide	0.010 J	mg/kg	J
					Bromoform	0.00057 U	mg/kg	UJ
					Bromodichloromethane	0.00038 U	mg/kg	UJ
					1,1-Dichloroethane	0.00047 U	mg/kg	UJ
					1,1-Dichloroethene	0.0018 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0014 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00057 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00052 U	mg/kg	UJ
					1,2-Dichloropropane	0.00080 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.011 J	mg/kg	J
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					Trichloroethene	0.00071 U	mg/kg	UJ
					Methyl acetate	0.0028 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					o-Xylene	0.0078 J	mg/kg	J
					1,2-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00094 U	mg/kg	UJ
					Isopropylbenzene	0.00028 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	43	70-111	T1-17/10/06-SE-MB-28(Refusal)	Ethylbenzene	0.00027 U	mg/kg	UJ
	Toluene-d8	142	70-123		Styrene	0.00045 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00072 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00059 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00072 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00059 U	mg/kg	UJ
					1,2-Dichloroethane	0.00068 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0018 U	mg/kg	UJ
					Methyl cyclohexane	0.00050 U	mg/kg	UJ
					Toluene	0.0011 J	mg/kg	J
					Chlorobenzene	0.00050 U	mg/kg	UJ
					Cyclohexane	0.00036 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00081 U	mg/kg	UJ
					Dibromochloromethane	0.00023 U	mg/kg	UJ
					Tetrachloroethene	0.00027 U	mg/kg	UJ
					m&p-Xylene	0.00076 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00085 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	43	70-111	T1-17/10/06-SE-MB-28(Refusal)	trans-1,2-Dichloroethene	0.00054 U	mg/kg	UJ
	Toluene-d8	142	70-123		Methyl Tert Butyl Ether	0.0081 J	mg/kg	J
					1,3-Dichlorobenzene	0.00054 U	mg/kg	UJ
					Carbon tetrachloride	0.00063 U	mg/kg	UJ
					2-Hexanone	0.0037 U	mg/kg	UJ
					Acetone	0.083	mg/kg	J
					Chloroform (Trichloromethane)	0.00054 U	mg/kg	UJ
					Benzene	0.00045 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00040 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0011 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0015 U	mg/kg	UJ
					Chloroethane	0.00059 U	mg/kg	UJ
					Vinyl chloride	0.00072 U	mg/kg	UJ
					Methylene chloride	0.0011 U	mg/kg	UJ
					Carbon disulfide	0.014 J	mg/kg	J
					Bromoform	0.00054 U	mg/kg	UJ
					Bromodichloromethane	0.00036 U	mg/kg	UJ
					1,1-Dichloroethane	0.00045 U	mg/kg	UJ
					1,1-Dichloroethene	0.0018 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0013 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00054 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00050 U	mg/kg	UJ
					1,2-Dichloropropane	0.00076 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0094 J	mg/kg	J
					1,1,2-Trichloroethane	0.0012 U	mg/kg	UJ
					Trichloroethene	0.00068 U	mg/kg	UJ
					Methyl acetate	0.0027 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0010 U	mg/kg	UJ
					o-Xylene	0.0073 J	mg/kg	J
					1,2-Dichlorobenzene	0.00040 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00090 U	mg/kg	UJ
					Isopropylbenzene	0.00027 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	39	70-111	T1-17/10/06-SE-MB-30(Surface)	Ethylbenzene	0.00017 U	mg/kg	UJ
	Toluene-d8	151	70-123		Styrene	0.00029 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00046 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00038 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00046 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00038 U	mg/kg	UJ
					1,2-Dichloroethane	0.00043 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0011 U	mg/kg	UJ
					Methyl cyclohexane	0.00032 U	mg/kg	UJ
					Toluene	0.00085 J	mg/kg	J
					Chlorobenzene	0.00032 U	mg/kg	UJ
					Cyclohexane	0.00026 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00052 U	mg/kg	UJ
					Dibromochloromethane	0.00014 U	mg/kg	UJ
					Tetrachloroethene	0.00017 U	mg/kg	UJ
					m&p-Xylene	0.00049 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00055 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00035 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0011 J	mg/kg	J
					1,3-Dichlorobenzene	0.00035 U	mg/kg	UJ
					Carbon tetrachloride	0.00041 U	mg/kg	UJ
					2-Hexanone	0.0024 U	mg/kg	UJ
					Acetone	0.072	mg/kg	J
					Chloroform (Trichloromethane)	0.00035 U	mg/kg	UJ
					Benzene	0.00029 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00026 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00072 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00095 U	mg/kg	UJ
					Chloroethane	0.00038 U	mg/kg	UJ
					Vinyl chloride	0.00046 U	mg/kg	UJ
					Methylene chloride	0.00069 U	mg/kg	UJ
					Carbon disulfide	0.019	mg/kg	J
					Bromoform	0.00035 U	mg/kg	UJ
					Bromodichloromethane	0.00023 U	mg/kg	UJ
					1,1-Dichloroethane	0.00029 U	mg/kg	UJ
					1,1-Dichloroethene	0.0011 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00084 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	39	70-111	T1-17/10/06-SE-MB-30(Surface)	Dichlorodifluoromethane (CFC-12)	0.00035 U	mg/kg	UJ
	Toluene-d8	151	70-123		Trifluorotrichloroethane (Freon 113)	0.00032 U	mg/kg	UJ
					1,2-Dichloropropane	0.00049 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0077 J	mg/kg	J
					1,1,2-Trichloroethane	0.00078 U	mg/kg	UJ
					Trichloroethene	0.00043 U	mg/kg	UJ
					Methyl acetate	0.0017 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00066 U	mg/kg	UJ
					o-Xylene	0.00049 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00026 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00058 U	mg/kg	UJ
					Isopropylbenzene	0.00017 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	50	70-111	T1-17/10/06-SE-MB-34(Surface)	Ethylbenzene	0.00043 U	mg/kg	UJ
	Toluene-d8	134	70-123		Styrene	0.00071 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.0011 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00091 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.0011 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00091 U	mg/kg	UJ
					1,2-Dichloroethane	0.0011 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0028 U	mg/kg	UJ
					Methyl cyclohexane	0.00078 U	mg/kg	UJ
					Toluene	0.0018 J	mg/kg	J
					Chlorobenzene	0.00078 U	mg/kg	UJ
					Cyclohexane	0.00057 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0013 U	mg/kg	UJ
					Dibromochloromethane	0.00035 U	mg/kg	UJ
					Tetrachloroethene	0.00043 U	mg/kg	UJ
					m&p-Xylene	0.0012 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.0013 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00085 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0016 J	mg/kg	J
					1,3-Dichlorobenzene	0.00085 U	mg/kg	UJ
					Carbon tetrachloride	0.00099 U	mg/kg	UJ
					2-Hexanone	0.0058 U	mg/kg	UJ
					Acetone	0.18	mg/kg	J
					Chloroform (Trichloromethane)	0.00085 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	50	70-111	T1-17/10/06-SE-MB-34(Surface)	Benzene	0.00071 U	mg/kg	UJ
	Toluene-d8	134	70-123		1,1,1-Trichloroethane	0.00064 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0018 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0023 U	mg/kg	UJ
					Chloroethane	0.00091 U	mg/kg	UJ
					Vinyl chloride	0.0011 U	mg/kg	UJ
					Methylene chloride	0.0017 U	mg/kg	UJ
					Carbon disulfide	0.022 J	mg/kg	J
					Bromoform	0.00085 U	mg/kg	UJ
					Bromodichloromethane	0.00057 U	mg/kg	UJ
					1,1-Dichloroethane	0.00071 U	mg/kg	UJ
					1,1-Dichloroethene	0.0028 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0020 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00085 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00078 U	mg/kg	UJ
					1,2-Dichloropropane	0.0012 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.027 J	mg/kg	J
					1,1,2-Trichloroethane	0.0019 U	mg/kg	UJ
					Trichloroethene	0.0011 U	mg/kg	UJ
					Methyl acetate	0.0042 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0016 U	mg/kg	UJ
					o-Xylene	0.011 J	mg/kg	J
					1,2-Dichlorobenzene	0.00064 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0014 U	mg/kg	UJ
					Isopropylbenzene	0.00043 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	69	70-111	T1-19/10/06-SO-JC-8(0-2)	Ethylbenzene	0.00008 U	mg/kg	UJ
					Styrene	0.00014 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00022 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00018 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00022 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00018 U	mg/kg	UJ
					1,2-Dichloroethane	0.00021 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00053 U	mg/kg	UJ
					Methyl cyclohexane	0.00015 U	mg/kg	UJ
					Toluene	0.00014 J	mg/kg	J
					Chlorobenzene	0.00015 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	69	70-111	T1-19/10/06-SO-JC-8(0-2)	Cyclohexane	0.00011 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00025 U	mg/kg	UJ
					Dibromochloromethane	0.00007 U	mg/kg	UJ
					Tetrachloroethene	0.00008 U	mg/kg	UJ
					m&p-Xylene	0.00023 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00026 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00016 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00029 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00016 U	mg/kg	UJ
					Carbon tetrachloride	0.00019 U	mg/kg	UJ
					2-Hexanone	0.0011 U	mg/kg	UJ
					Acetone	0.0092 U	mg/kg	UJ
					Chloroform (Trichloromethane)	0.00016 U	mg/kg	UJ
					Benzene	0.00014 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00012 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00034 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00045 U	mg/kg	UJ
					Chloroethane	0.00018 U	mg/kg	UJ
					Vinyl chloride	0.00022 U	mg/kg	UJ
					Methylene chloride	0.0033 J	mg/kg	J
					Carbon disulfide	0.00007 U	mg/kg	UJ
					Bromoform	0.00016 U	mg/kg	UJ
					Bromodichloromethane	0.00011 U	mg/kg	UJ
					1,1-Dichloroethane	0.00014 U	mg/kg	UJ
					1,1-Dichloroethene	0.00053 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00040 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00016 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00015 U	mg/kg	UJ
					1,2-Dichloropropane	0.00023 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0017 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00037 U	mg/kg	UJ
					Trichloroethene	0.00021 U	mg/kg	UJ
					Methyl acetate	0.00082 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00032 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	69	70-111	T1-19/10/06-SO-JC-8(0-2)	o-Xylene	0.00023 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00012 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00027 U	mg/kg	UJ
					Isopropylbenzene	0.00008 U	mg/kg	UJ
VOCs	Dibromofluoromethane	37	71-114	T1-19/10/06-SO-JC-9(0-2)	Ethylbenzene	0.00038 J	mg/kg	J
					Styrene	0.00031 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00049 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00040 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00049 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00040 U	mg/kg	UJ
					1,2-Dichloroethane	0.00046 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0012 U	mg/kg	UJ
					Methyl cyclohexane	0.00034 U	mg/kg	UJ
					Toluene	0.00091 J	mg/kg	J
					Chlorobenzene	0.00034 U	mg/kg	UJ
					Cyclohexane	0.00024 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00055 U	mg/kg	UJ
					Dibromochloromethane	0.00015 U	mg/kg	UJ
					Tetrachloroethene	0.00018 U	mg/kg	UJ
					m&p-Xylene	0.00077 J	mg/kg	J
					cis-1,2-Dichloroethene	0.00058 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00037 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00064 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00037 U	mg/kg	UJ
					Carbon tetrachloride	0.00043 U	mg/kg	UJ
					2-Hexanone	0.0025 U	mg/kg	UJ
					Acetone	0.20	mg/kg	J
					Chloroform (Trichloromethane)	0.00052 J	mg/kg	J
					Benzene	0.00039 J	mg/kg	J
					1,1,1-Trichloroethane	0.00028 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00076 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0010 U	mg/kg	UJ
					Chloroethane	0.00040 U	mg/kg	UJ
					Vinyl chloride	0.00049 U	mg/kg	UJ
					Methylene chloride	0.0011 J	mg/kg	J
					Carbon disulfide	0.00015 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	Dibromofluoromethane	37	71-114	T1-19/10/06-SO-JC-9(0-2)	Bromoform	0.00037 U	mg/kg	UJ
					Bromodichloromethane	0.00024 U	mg/kg	UJ
					1,1-Dichloroethane	0.00031 U	mg/kg	UJ
					1,1-Dichloroethene	0.0012 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00089 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00037 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00034 U	mg/kg	UJ
					1,2-Dichloropropane	0.00052 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.017 J	mg/kg	J
					1,1,2-Trichloroethane	0.00083 U	mg/kg	UJ
					Trichloroethene	0.00046 U	mg/kg	UJ
					Methyl acetate	0.0018 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00070 U	mg/kg	UJ
					o-Xylene	0.0050 J	mg/kg	J
					1,2-Dichlorobenzene	0.00028 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00061 U	mg/kg	UJ
					Isopropylbenzene	0.00018 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	57	70-111	T1-18/10/06-SE-MB-6(Surface)	Ethylbenzene	0.00028 J	mg/kg	J
					Styrene	0.00036 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00058 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00047 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00058 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00047 U	mg/kg	UJ
					1,2-Dichloroethane	0.00054 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0014 U	mg/kg	UJ
					Methyl cyclohexane	0.00040 U	mg/kg	UJ
					Toluene	0.0023 J	mg/kg	J
					Chlorobenzene	0.00040 U	mg/kg	UJ
					Cyclohexane	0.00089 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00065 U	mg/kg	UJ
					Dibromochloromethane	0.00018 U	mg/kg	UJ
					Tetrachloroethene	0.00022 U	mg/kg	UJ
					m&p-Xylene	0.00062 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00069 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00043 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00076 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	57	70-111	T1-18/10/06-SE-MB-6(Surface)	1,3-Dichlorobenzene	0.00043 U	mg/kg	UJ
					Carbon tetrachloride	0.00051 U	mg/kg	UJ
					2-Hexanone	0.0030 U	mg/kg	UJ
					Acetone	0.076	mg/kg	J
					Chloroform (Trichloromethane)	0.00043 U	mg/kg	UJ
					Benzene	0.00036 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00032 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00091 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0012 U	mg/kg	UJ
					Chloroethane	0.00047 U	mg/kg	UJ
					Vinyl chloride	0.00058 U	mg/kg	UJ
					Methylene chloride	0.00087 U	mg/kg	UJ
					Carbon disulfide	0.0041 J	mg/kg	J
					Bromoform	0.00043 U	mg/kg	UJ
					Bromodichloromethane	0.00029 U	mg/kg	UJ
					1,1-Dichloroethane	0.00036 U	mg/kg	UJ
					1,1-Dichloroethene	0.0014 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0011 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00043 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00040 U	mg/kg	UJ
					1,2-Dichloropropane	0.00062 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0097 J	mg/kg	J
					1,1,2-Trichloroethane	0.00098 U	mg/kg	UJ
					Trichloroethene	0.00054 U	mg/kg	UJ
					Methyl acetate	0.0022 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00083 U	mg/kg	UJ
					o-Xylene	0.00062 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00032 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00072 U	mg/kg	UJ
					Isopropylbenzene	0.00022 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-11(Surface)	Carbon disulfide	0.013	mg/kg	J
					Ethylbenzene	0.00019 J	mg/kg	J
					Styrene	0.00029 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00047 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00038 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00047 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-11(Surface)	1,2-Dibromoethane (Ethylene Dibromide)	0.00038 U	mg/kg	UJ
					1,2-Dichloroethane	0.00044 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0011 U	mg/kg	UJ
					Methyl cyclohexane	0.00032 U	mg/kg	UJ
					Toluene	0.0018 J	mg/kg	J
					Chlorobenzene	0.00032 U	mg/kg	UJ
					Cyclohexane	0.00061 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00053 U	mg/kg	UJ
					Dibromochloromethane	0.00015 U	mg/kg	UJ
					Tetrachloroethene	0.00018 U	mg/kg	UJ
					m&p-Xylene	0.00050 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00055 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00035 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00061 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00035 U	mg/kg	UJ
					Carbon tetrachloride	0.00041 U	mg/kg	UJ
					2-Hexanone	0.0024 U	mg/kg	UJ
					Acetone	0.048	mg/kg	J
					Chloroform (Trichloromethane)	0.00035 U	mg/kg	UJ
					Benzene	0.00029 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00026 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00073 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00096 U	mg/kg	UJ
					Chloroethane	0.00038 U	mg/kg	UJ
					Vinyl chloride	0.00047 U	mg/kg	UJ
					Methylene chloride	0.00070 U	mg/kg	UJ
					Bromoform	0.00035 U	mg/kg	UJ
					Bromodichloromethane	0.00023 U	mg/kg	UJ
					1,1-Dichloroethane	0.00029 U	mg/kg	UJ
					1,1-Dichloroethene	0.0011 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00085 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00035 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00032 U	mg/kg	UJ
					1,2-Dichloropropane	0.00050 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0055 J	mg/kg	J
					1,1,2-Trichloroethane	0.00079 U	mg/kg	UJ
					Trichloroethene	0.00044 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-11(Surface)	Methyl acetate	0.0018 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00067 U	mg/kg	UJ
					o-Xylene	0.00050 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00026 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00058 U	mg/kg	UJ
					Isopropylbenzene	0.00018 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	67	70-111	T1-19/10/06-SE-MB-27(Surface)	Ethylbenzene	0.00021 J	mg/kg	J
					Toluene	0.0015 J	mg/kg	J
					m&p-Xylene	0.00055 J	mg/kg	J
					Acetone	0.077	mg/kg	J
					Carbon disulfide	0.0039 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.0074 J	mg/kg	J
					o-Xylene	0.0050 J	mg/kg	J
					Styrene	0.00032 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00050 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00041 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00050 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00041 U	mg/kg	UJ
					1,2-Dichloroethane	0.00047 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0012 U	mg/kg	UJ
					Methyl cyclohexane	0.00035 U	mg/kg	UJ
					Chlorobenzene	0.00035 U	mg/kg	UJ
					Cyclohexane	0.00025 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00057 U	mg/kg	UJ
					Dibromochloromethane	0.00016 U	mg/kg	UJ
					Tetrachloroethene	0.00019 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00060 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00038 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00066 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00038 U	mg/kg	UJ
					Carbon tetrachloride	0.00044 U	mg/kg	UJ
					2-Hexanone	0.0026 U	mg/kg	UJ
					Chloroform (Trichloromethane)	0.00038 U	mg/kg	UJ
					Benzene	0.00032 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00028 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00079 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	67	70-111	T1-19/10/06-SE-MB-27(Surface)	Chloromethane (Methyl Chloride)	0.0010 U	mg/kg	UJ
					Chloroethane	0.00041 U	mg/kg	UJ
					Vinyl chloride	0.00050 U	mg/kg	UJ
					Methylene chloride	0.00076 U	mg/kg	UJ
					Bromoform	0.00038 U	mg/kg	UJ
					Bromodichloromethane	0.00025 U	mg/kg	UJ
					1,1-Dichloroethane	0.00032 U	mg/kg	UJ
					1,1-Dichloroethene	0.0012 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00091 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00038 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00035 U	mg/kg	UJ
					1,2-Dichloropropane	0.00054 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00085 U	mg/kg	UJ
					Trichloroethene	0.00047 U	mg/kg	UJ
					Methyl acetate	0.0019 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00073 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00028 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00063 U	mg/kg	UJ
					Isopropylbenzene	0.00019 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	65	70-111	T1-19/10/06-SE-MB-27(Mid)	Ethylbenzene	0.00016 U	mg/kg	UJ
					Styrene	0.00026 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00041 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00034 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00041 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00034 U	mg/kg	UJ
					1,2-Dichloroethane	0.00039 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0010 U	mg/kg	UJ
					Methyl cyclohexane	0.00028 U	mg/kg	UJ
					Chlorobenzene	0.00028 U	mg/kg	UJ
					Cyclohexane	0.00021 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00047 U	mg/kg	UJ
					Dibromochloromethane	0.00013 U	mg/kg	UJ
					Tetrachloroethene	0.00016 U	mg/kg	UJ
					m&p-Xylene	0.00044 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00049 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00031 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	65	70-111	T1-19/10/06-SE-MB-27(Mid)	1,3-Dichlorobenzene	0.00031 U	mg/kg	UJ
					Carbon tetrachloride	0.00036 U	mg/kg	UJ
					2-Hexanone	0.0021 U	mg/kg	UJ
					Chloroform (Trichloromethane)	0.00031 U	mg/kg	UJ
					Benzene	0.00026 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00023 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00065 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00085 U	mg/kg	UJ
					Chloroethane	0.00034 U	mg/kg	UJ
					Vinyl chloride	0.00041 U	mg/kg	UJ
					Methylene chloride	0.00062 U	mg/kg	UJ
					Bromoform	0.00031 U	mg/kg	UJ
					Bromodichloromethane	0.00021 U	mg/kg	UJ
					1,1-Dichloroethane	0.00026 U	mg/kg	UJ
					1,1-Dichloroethene	0.0010 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00075 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00031 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00028 U	mg/kg	UJ
					1,2-Dichloropropane	0.00044 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00070 U	mg/kg	UJ
					Trichloroethene	0.00039 U	mg/kg	UJ
					Methyl acetate	0.0016 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00059 U	mg/kg	UJ
					o-Xylene	0.00044 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00052 U	mg/kg	UJ
					Isopropylbenzene	0.00016 U	mg/kg	UJ
					Toluene	0.00085 J	mg/kg	J
					Methyl Tert Butyl Ether	0.0012 J	mg/kg	J
					Acetone	0.057	mg/kg	J
					Carbon disulfide	0.0041 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.0042 J	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	62	70-111	T1-19/10/06-SE-MB-27(Refusal)	Ethylbenzene	0.00013 U	mg/kg	UJ
					Styrene	0.00021 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00034 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00027 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00034 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00027 U	mg/kg	UJ
					1,2-Dichloroethane	0.00032 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00082 U	mg/kg	UJ
					Methyl cyclohexane	0.00023 U	mg/kg	UJ
					Toluene	0.0010 J	mg/kg	J
					Chlorobenzene	0.00023 U	mg/kg	UJ
					Cyclohexane	0.00040 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00038 U	mg/kg	UJ
					Dibromochloromethane	0.00011 U	mg/kg	UJ
					Tetrachloroethene	0.00013 U	mg/kg	UJ
					m&p-Xylene	0.00036 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00040 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00025 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00078 J	mg/kg	J
					1,3-Dichlorobenzene	0.00025 U	mg/kg	UJ
					Carbon tetrachloride	0.00030 U	mg/kg	UJ
					2-Hexanone	0.0017 U	mg/kg	UJ
					Acetone	0.023	mg/kg	J
					Chloroform (Trichloromethane)	0.00025 U	mg/kg	UJ
					Benzene	0.00021 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00019 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00053 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00069 U	mg/kg	UJ
					Chloroethane	0.00027 U	mg/kg	UJ
					Vinyl chloride	0.00034 U	mg/kg	UJ
					Methylene chloride	0.00051 U	mg/kg	UJ
					Carbon disulfide	0.0028 J	mg/kg	J
					Bromoform	0.00025 U	mg/kg	UJ
					Bromodichloromethane	0.00017 U	mg/kg	UJ
					1,1-Dichloroethane	0.00021 U	mg/kg	UJ
					1,1-Dichloroethene	0.00082 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00061 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	62	70-111	T1-19/10/06-SE-MB-27(Refusal)	Dichlorodifluoromethane (CFC-12)	0.00025 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00023 U	mg/kg	UJ
					1,2-Dichloropropane	0.00036 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0026 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00057 U	mg/kg	UJ
					Trichloroethene	0.00032 U	mg/kg	UJ
					Methyl acetate	0.0013 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00048 U	mg/kg	UJ
					o-Xylene	0.00036 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00019 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00042 U	mg/kg	UJ
					Isopropylbenzene	0.00013 U	mg/kg	UJ
VOCs	Toluene-d8	131	70-123	T1-19/10/06-SE-SLC-6(Refusal)	Acetone	0.19	mg/kg	J
					Ethylbenzene	0.0018 J	mg/kg	J
					Toluene	0.0045 J	mg/kg	J
					m&p-Xylene	0.0033 J	mg/kg	J
					Methyl Tert Butyl Ether	0.00076 J	mg/kg	J
					2-Hexanone	0.019 J	mg/kg	J
					Carbon disulfide	0.0088 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.020 J	mg/kg	J
					o-Xylene	0.0069 J	mg/kg	J
					1,2-Dichlorobenzene	0.0025 J	mg/kg	J
					Isopropylbenzene	0.0018 J	mg/kg	J
VOCs	4-Bromofluorobenzene	68	70-111	T1-18/10/06-SE-MB-5(Surface)	Ethylbenzene	0.00014 U	mg/kg	UJ
					Styrene	0.00024 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00038 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00031 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00038 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00031 U	mg/kg	UJ
					1,2-Dichloroethane	0.00035 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00092 U	mg/kg	UJ
					Methyl cyclohexane	0.00026 U	mg/kg	UJ
					Toluene	0.00040 J	mg/kg	J
					Chlorobenzene	0.00026 U	mg/kg	UJ
					Cyclohexane	0.00031 J	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	68	70-111	T1-18/10/06-SE-MB-5(Surface)	1,2,4-Trichlorobenzene	0.00043 U	mg/kg	UJ
					Dibromochloromethane	0.00012 U	mg/kg	UJ
					Tetrachloroethene	0.00014 U	mg/kg	UJ
					m&p-Xylene	0.00040 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00045 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00028 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00050 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00028 U	mg/kg	UJ
					Carbon tetrachloride	0.00033 U	mg/kg	UJ
					2-Hexanone	0.0019 U	mg/kg	UJ
					Acetone	0.026	mg/kg	J
					Chloroform (Trichloromethane)	0.00028 U	mg/kg	UJ
					Benzene	0.00024 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00021 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00059 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00078 U	mg/kg	UJ
					Chloroethane	0.00031 U	mg/kg	UJ
					Vinyl chloride	0.00038 U	mg/kg	UJ
					Methylene chloride	0.0015 J	mg/kg	J
					Carbon disulfide	0.0021 J	mg/kg	J
					Bromoform	0.00028 U	mg/kg	UJ
					Bromodichloromethane	0.00019 U	mg/kg	UJ
					1,1-Dichloroethane	0.00024 U	mg/kg	UJ
					1,1-Dichloroethene	0.00092 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00069 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00028 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00043 J	mg/kg	J
					1,2-Dichloropropane	0.00040 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0035 J	mg/kg	J
					1,1,2-Trichloroethane	0.00064 U	mg/kg	UJ
					Trichloroethene	0.00035 U	mg/kg	UJ
					Methyl acetate	0.0014 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00054 U	mg/kg	UJ
					o-Xylene	0.0038 J	mg/kg	J
					1,2-Dichlorobenzene	0.00021 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00047 U	mg/kg	UJ
					Isopropylbenzene	0.00014 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	49	70-111	T1-18/10/06-SE-MB-7(Surface)	Ethylbenzene	0.00028 U	mg/kg	UJ
					Styrene	0.00047 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00075 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00061 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.0011 J	mg/kg	J
					1,2-Dibromoethane (Ethylene Dibromide)	0.00061 U	mg/kg	UJ
					1,2-Dichloroethane	0.00071 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0018 U	mg/kg	UJ
					Methyl cyclohexane	0.00052 U	mg/kg	UJ
					Toluene	0.0022 J	mg/kg	J
					Chlorobenzene	0.00052 U	mg/kg	UJ
					Cyclohexane	0.0011 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00085 U	mg/kg	UJ
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00028 U	mg/kg	UJ
					m&p-Xylene	0.00080 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00090 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00057 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00099 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00068 J	mg/kg	J
					Carbon tetrachloride	0.00066 U	mg/kg	UJ
					2-Hexanone	0.0039 U	mg/kg	UJ
					Acetone	0.15	mg/kg	J
					Chloroform (Trichloromethane)	0.00057 U	mg/kg	UJ
					Benzene	0.00047 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00043 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0012 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0016 U	mg/kg	UJ
					Chloroethane	0.00061 U	mg/kg	UJ
					Vinyl chloride	0.00075 U	mg/kg	UJ
					Methylene chloride	0.0070 J	mg/kg	J
					Carbon disulfide	0.011 J	mg/kg	J
					Bromoform	0.00057 U	mg/kg	UJ
					Bromodichloromethane	0.00038 U	mg/kg	UJ
					1,1-Dichloroethane	0.00047 U	mg/kg	UJ
					1,1-Dichloroethene	0.0018 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	49	70-111	T1-18/10/06-SE-MB-7(Surface)	Trichlorofluoromethane (CFC-11)	0.0014 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00057 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00052 U	mg/kg	UJ
					1,2-Dichloropropane	0.0023 J	mg/kg	J
					2-Butanone (Methyl Ethyl Ketone)	0.018 J	mg/kg	J
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					Trichloroethene	0.00071 U	mg/kg	UJ
					Methyl acetate	0.0028 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					o-Xylene	0.0075 J	mg/kg	J
					1,2-Dichlorobenzene	0.00086 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00094 U	mg/kg	UJ
					Isopropylbenzene	0.00028 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	51	70-111	T1-18/10/06-SE-MB-8(Surface)	Ethylbenzene	0.00021 U	mg/kg	UJ
					Styrene	0.00035 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00056 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00045 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00056 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00045 U	mg/kg	UJ
					1,2-Dichloroethane	0.00052 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0014 U	mg/kg	UJ
					Methyl cyclohexane	0.00038 U	mg/kg	UJ
					Toluene	0.00068 J	mg/kg	J
					Chlorobenzene	0.00038 U	mg/kg	UJ
					Cyclohexane	0.00028 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00063 U	mg/kg	UJ
					Dibromochloromethane	0.00018 U	mg/kg	UJ
					Tetrachloroethene	0.00021 U	mg/kg	UJ
					m&p-Xylene	0.00059 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00066 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00042 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00073 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00042 U	mg/kg	UJ
					Carbon tetrachloride	0.00049 U	mg/kg	UJ
					2-Hexanone	0.0029 U	mg/kg	UJ
					Acetone	0.075	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	51	70-111	T1-18/10/06-SE-MB-8(Surface)	Chloroform (Trichloromethane)	0.00042 U	mg/kg	UJ
					Benzene	0.00035 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00031 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00087 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0011 U	mg/kg	UJ
					Chloroethane	0.00045 U	mg/kg	UJ
					Vinyl chloride	0.00056 U	mg/kg	UJ
					Methylene chloride	0.0060 J	mg/kg	J
					Carbon disulfide	0.0040 J	mg/kg	J
					Bromoform	0.00042 U	mg/kg	UJ
					Bromodichloromethane	0.00028 U	mg/kg	UJ
					1,1-Dichloroethane	0.00035 U	mg/kg	UJ
					1,1-Dichloroethene	0.0014 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0010 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00042 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00054 J	mg/kg	J
					1,2-Dichloropropane	0.00059 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0098 J	mg/kg	J
					1,1,2-Trichloroethane	0.00094 U	mg/kg	UJ
					Trichloroethene	0.00052 U	mg/kg	UJ
					Methyl acetate	0.0021 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00080 U	mg/kg	UJ
					o-Xylene	0.00059 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00031 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00069 U	mg/kg	UJ
					Isopropylbenzene	0.00021 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-12(Surface)	Ethylbenzene	0.00016 U	mg/kg	UJ
					Styrene	0.00027 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00043 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00035 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00035 U	mg/kg	UJ
					1,2-Dichloroethane	0.00040 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0011 U	mg/kg	UJ
					Methyl cyclohexane	0.00030 U	mg/kg	UJ
					Toluene	0.00064 J	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-12(Surface)	Chlorobenzene	0.00030 U	mg/kg	UJ
					Cyclohexane	0.00022 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00049 U	mg/kg	UJ
					Dibromochloromethane	0.00013 U	mg/kg	UJ
					Tetrachloroethene	0.00016 U	mg/kg	UJ
					m&p-Xylene	0.00046 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00051 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00032 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00057 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00032 U	mg/kg	UJ
					Carbon tetrachloride	0.00038 U	mg/kg	UJ
					2-Hexanone	0.0022 U	mg/kg	UJ
					Acetone	0.018 U	mg/kg	UJ
					Chloroform (Trichloromethane)	0.00037 J	mg/kg	J
					Benzene	0.00027 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00024 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00067 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00089 U	mg/kg	UJ
					Chloroethane	0.00035 U	mg/kg	UJ
					Vinyl chloride	0.00043 U	mg/kg	UJ
					Methylene chloride	0.0037 J	mg/kg	J
					Carbon disulfide	0.00046 J	mg/kg	J
					Bromoform	0.00032 U	mg/kg	UJ
					Bromodichloromethane	0.00022 U	mg/kg	UJ
					1,1-Dichloroethane	0.00027 U	mg/kg	UJ
					1,1-Dichloroethene	0.0011 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00078 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00032 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00030 U	mg/kg	UJ
					1,2-Dichloropropane	0.00046 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0033 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00073 U	mg/kg	UJ
					Trichloroethene	0.00040 U	mg/kg	UJ
					Methyl acetate	0.0016 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00062 U	mg/kg	UJ
					o-Xylene	0.00046 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-12(Surface)	1,2-Dichlorobenzene	0.00024 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00054 U	mg/kg	UJ
					Isopropylbenzene	0.00016 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-13(Surface)	Ethylbenzene	0.00042 J	mg/kg	J
					Styrene	0.00052 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00084 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00068 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00087 J	mg/kg	J
					1,2-Dibromoethane (Ethylene Dibromide)	0.00068 U	mg/kg	UJ
					1,2-Dichloroethane	0.00079 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0020 U	mg/kg	UJ
					Methyl cyclohexane	0.00058 U	mg/kg	UJ
					Toluene	0.0015 J	mg/kg	J
					Chlorobenzene	0.00058 U	mg/kg	UJ
					Cyclohexane	0.00042 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0024 J	mg/kg	J
					Dibromochloromethane	0.00026 U	mg/kg	UJ
					Tetrachloroethene	0.00031 U	mg/kg	UJ
					m&p-Xylene	0.00089 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00099 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00063 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0011 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00097 J	mg/kg	J
					Carbon tetrachloride	0.00073 U	mg/kg	UJ
					2-Hexanone	0.0043 U	mg/kg	UJ
					Acetone	0.035 U	mg/kg	UJ
					Chloroform (Trichloromethane)	0.00063 U	mg/kg	UJ
					Benzene	0.00052 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00047 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0013 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0017 U	mg/kg	UJ
					Chloroethane	0.00068 U	mg/kg	UJ
					Vinyl chloride	0.00084 U	mg/kg	UJ
					Methylene chloride	0.0086 J	mg/kg	J
					Carbon disulfide	0.0017 J	mg/kg	J
					Bromoform	0.00063 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-13(Surface)	Bromodichloromethane	0.00042 U	mg/kg	UJ
					1,1-Dichloroethane	0.00052 U	mg/kg	UJ
					1,1-Dichloroethene	0.0020 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0015 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00063 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00058 U	mg/kg	UJ
					1,2-Dichloropropane	0.00089 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0064 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0014 U	mg/kg	UJ
					Trichloroethene	0.00079 U	mg/kg	UJ
					Methyl acetate	0.0031 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0012 U	mg/kg	UJ
					o-Xylene	0.0083 J	mg/kg	J
					1,2-Dichlorobenzene	0.00094 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.0010 U	mg/kg	UJ
					Isopropylbenzene	0.00031 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-15(Surface)	Ethylbenzene	0.00035 U	mg/kg	UJ
					Styrene	0.00058 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00094 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00076 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00094 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00076 U	mg/kg	UJ
					1,2-Dichloroethane	0.00088 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0023 U	mg/kg	UJ
					Methyl cyclohexane	0.00064 U	mg/kg	UJ
					Toluene	0.0016 J	mg/kg	J
					Chlorobenzene	0.00064 U	mg/kg	UJ
					Cyclohexane	0.00047 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0011 U	mg/kg	UJ
					Dibromochloromethane	0.00029 U	mg/kg	UJ
					Tetrachloroethene	0.00035 U	mg/kg	UJ
					m&p-Xylene	0.00099 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.0011 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00070 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0012 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00070 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	53	70-111	T1-18/10/06-SE-MB-15(Surface)	Carbon tetrachloride	0.00082 U	mg/kg	UJ
					2-Hexanone	0.0048 U	mg/kg	UJ
					Acetone	0.073	mg/kg	J
					Chloroform (Trichloromethane)	0.00070 U	mg/kg	UJ
					Benzene	0.00058 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00053 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0015 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0019 U	mg/kg	UJ
					Chloroethane	0.00076 U	mg/kg	UJ
					Vinyl chloride	0.00094 U	mg/kg	UJ
					Methylene chloride	0.0014 U	mg/kg	UJ
					Carbon disulfide	0.012 J	mg/kg	J
					Bromoform	0.00070 U	mg/kg	UJ
					Bromodichloromethane	0.00047 U	mg/kg	UJ
					1,1-Dichloroethane	0.00058 U	mg/kg	UJ
					1,1-Dichloroethene	0.0023 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0017 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00070 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.0016 J	mg/kg	J
					1,2-Dichloropropane	0.00099 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0083 J	mg/kg	J
					1,1,2-Trichloroethane	0.0016 U	mg/kg	UJ
					Trichloroethene	0.00088 U	mg/kg	UJ
					Methyl acetate	0.0035 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0013 U	mg/kg	UJ
					o-Xylene	0.0091 J	mg/kg	J
					1,2-Dichlorobenzene	0.00053 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0012 U	mg/kg	UJ
					Isopropylbenzene	0.00035 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-17(Surface)	Ethylbenzene	0.00025 U	mg/kg	UJ
					Styrene	0.00041 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00065 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00053 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00065 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00053 U	mg/kg	UJ
					1,2-Dichloroethane	0.00061 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-17(Surface)	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0016 U	mg/kg	UJ
					Methyl cyclohexane	0.00045 U	mg/kg	UJ
					Toluene	0.00085 J	mg/kg	J
					Chlorobenzene	0.00045 U	mg/kg	UJ
					Cyclohexane	0.00033 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00073 U	mg/kg	UJ
					Dibromochloromethane	0.00021 U	mg/kg	UJ
					Tetrachloroethene	0.00025 U	mg/kg	UJ
					m&p-Xylene	0.00069 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00077 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00049 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00085 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00049 U	mg/kg	UJ
					Carbon tetrachloride	0.00057 U	mg/kg	UJ
					2-Hexanone	0.0033 U	mg/kg	UJ
					Acetone	0.087	mg/kg	J
					Chloroform (Trichloromethane)	0.00049 U	mg/kg	UJ
					Benzene	0.00041 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00037 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0010 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0013 U	mg/kg	UJ
					Chloroethane	0.00053 U	mg/kg	UJ
					Vinyl chloride	0.00065 U	mg/kg	UJ
					Methylene chloride	0.00098 U	mg/kg	UJ
					Carbon disulfide	0.014 J	mg/kg	J
					Bromoform	0.00049 U	mg/kg	UJ
					Bromodichloromethane	0.00033 U	mg/kg	UJ
					1,1-Dichloroethane	0.00041 U	mg/kg	UJ
					1,1-Dichloroethene	0.0016 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0012 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00049 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00045 U	mg/kg	UJ
					1,2-Dichloropropane	0.00069 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.010 J	mg/kg	J
					1,1,2-Trichloroethane	0.0011 U	mg/kg	UJ
					Trichloroethene	0.00061 U	mg/kg	UJ
					Methyl acetate	0.0024 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	47	70-111	T1-18/10/06-SE-MB-17(Surface)	1,1,2,2-Tetrachloroethane	0.00094 U	mg/kg	UJ
					o-Xylene	0.00069 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00037 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00081 U	mg/kg	UJ
					Isopropylbenzene	0.00025 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	67	70-111	T1-19/10/06-SE-SLC-8(Surface)	Ethylbenzene	0.00010 J	mg/kg	J
					Styrene	0.00014 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00022 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00018 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00022 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00018 U	mg/kg	UJ
					1,2-Dichloroethane	0.00021 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.00055 U	mg/kg	UJ
					Methyl cyclohexane	0.00015 U	mg/kg	UJ
					Toluene	0.00037 J	mg/kg	J
					Chlorobenzene	0.00015 U	mg/kg	UJ
					Cyclohexane	0.00011 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00025 U	mg/kg	UJ
					Dibromochloromethane	0.00007 U	mg/kg	UJ
					Tetrachloroethene	0.00008 U	mg/kg	UJ
					m&p-Xylene	0.00024 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00027 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00017 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.00029 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00017 U	mg/kg	UJ
					Carbon tetrachloride	0.00020 U	mg/kg	UJ
					2-Hexanone	0.0011 U	mg/kg	UJ
					Acetone	0.089	mg/kg	J
					Chloroform (Trichloromethane)	0.00017 U	mg/kg	UJ
					Benzene	0.00014 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00013 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00035 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.00046 U	mg/kg	UJ
					Chloroethane	0.00018 U	mg/kg	UJ
					Vinyl chloride	0.00022 U	mg/kg	UJ
					Methylene chloride	0.00034 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	67	70-111	T1-19/10/06-SE-SLC-8(Surface)	Carbon disulfide	0.00007 U	mg/kg	UJ
					Bromoform	0.00017 U	mg/kg	UJ
					Bromodichloromethane	0.00011 U	mg/kg	UJ
					1,1-Dichloroethane	0.00014 U	mg/kg	UJ
					1,1-Dichloroethene	0.00055 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.00041 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00017 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00015 U	mg/kg	UJ
					1,2-Dichloropropane	0.00024 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.011 J	mg/kg	J
					1,1,2-Trichloroethane	0.00038 U	mg/kg	UJ
					Trichloroethene	0.00021 U	mg/kg	UJ
					Methyl acetate	0.00084 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00032 U	mg/kg	UJ
					o-Xylene	0.0022 J	mg/kg	J
					1,2-Dichlorobenzene	0.00013 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00028 U	mg/kg	UJ
					Isopropylbenzene	0.00008 U	mg/kg	UJ
VOCs	4-Bromofluorobenzene	57	70-111	T1-18/10/06-SE-MB-9(Surface)	Ethylbenzene	0.00022 U	mg/kg	UJ
					Styrene	0.00036 U	mg/kg	UJ
					cis-1,3-Dichloropropene	0.00057 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00047 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00057 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00047 U	mg/kg	UJ
					1,2-Dichloroethane	0.00054 U	mg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.0014 U	mg/kg	UJ
					Methyl cyclohexane	0.00039 U	mg/kg	UJ
					Toluene	0.00049 J	mg/kg	J
					Chlorobenzene	0.00039 U	mg/kg	UJ
					Cyclohexane	0.00029 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00065 U	mg/kg	UJ
					Dibromochloromethane	0.00018 U	mg/kg	UJ
					Tetrachloroethene	0.00022 U	mg/kg	UJ
					m&p-Xylene	0.00061 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.00068 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.00043 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	4-Bromofluorobenzene	57	70-111	T1-18/10/06-SE-MB-9(Surface)	Methyl Tert Butyl Ether	0.00075 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00043 U	mg/kg	UJ
					Carbon tetrachloride	0.00050 U	mg/kg	UJ
					2-Hexanone	0.0029 U	mg/kg	UJ
					Acetone	0.068	mg/kg	J
					Chloroform (Trichloromethane)	0.00043 U	mg/kg	UJ
					Benzene	0.00036 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00032 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.00090 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0012 U	mg/kg	UJ
					Chloroethane	0.00047 U	mg/kg	UJ
					Vinyl chloride	0.00057 U	mg/kg	UJ
					Methylene chloride	0.00086 U	mg/kg	UJ
					Carbon disulfide	0.0028 J	mg/kg	J
					Bromoform	0.00043 U	mg/kg	UJ
					Bromodichloromethane	0.00029 U	mg/kg	UJ
					1,1-Dichloroethane	0.00036 U	mg/kg	UJ
					1,1-Dichloroethene	0.0014 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0010 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.00043 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.00039 U	mg/kg	UJ
					1,2-Dichloropropane	0.00061 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.0056 J	mg/kg	J
					1,1,2-Trichloroethane	0.00097 U	mg/kg	UJ
					Trichloroethene	0.00054 U	mg/kg	UJ
					Methyl acetate	0.0021 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00082 U	mg/kg	UJ
					o-Xylene	0.0055 J	mg/kg	J
					1,2-Dichlorobenzene	0.00032 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00071 U	mg/kg	UJ
					Isopropylbenzene	0.00022 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
PAHs	Nitrobenzene-d5	29	57 - 137	T1-13/10/06-SW-MB-4	Anthracene	0.00005 U	mg/L	UJ
	2-Fluorobiphenyl	23	60 - 115		Pyrene	0.00005 U	mg/L	UJ
	Terpehnyl-d14	24	64 - 123		Indeno(1,2,3-cd)pyrene	0.00005 U	mg/L	UJ
					Benzo(b)fluoranthene	0.00005 U	mg/L	UJ
					Fluoranthene	0.00005 U	mg/L	UJ
					Benzo(k)fluoranthene	0.00005 U	mg/L	UJ
					Acenaphthylene	0.00005 U	mg/L	UJ
					Chrysene	0.00005 U	mg/L	UJ
					Benzo(a)pyrene	0.00005 U	mg/L	UJ
					Dibenz(a,h)anthracene	0.00005 U	mg/L	UJ
					Benzo(a)anthracene	0.00005 U	mg/L	UJ
					Acenaphthene	0.00005 U	mg/L	UJ
					Phenanthrene	0.00005 U	mg/L	UJ
					Fluorene	0.00005 U	mg/L	UJ
					Naphthalene	0.00005 U	mg/L	UJ
					2-Methylnaphthalene	0.00005 U	mg/L	UJ
					Benzo(g,h,i)perylene	0.00005 U	mg/L	UJ
PAHs	2-Fluorobiphenyl	34	48 - 122	T1-17/10/06-SE-MB-26(Surface)	2-Methylnaphthalene	0.049	mg/kg	J
	Terpehnyl-d14	37	65 - 125		Benzo(g,h,i)perylene	0.25	mg/kg	J
					Naphthalene	0.045	mg/kg	J
					Anthracene	0.37	mg/kg	J
					Pyrene	0.76	mg/kg	J
					Benzo(b)fluoranthene	2.4	mg/kg	J
					Fluoranthene	0.37	mg/kg	J
					Benzo(k)fluoranthene	0.005 U	mg/kg	UJ
					Acenaphthylene	3.7	mg/kg	J
					Chrysene	0.46	mg/kg	J
					Benzo(a)pyrene	0.46	mg/kg	J
					Dibenz(a,h)anthracene	0.081	mg/kg	J
					Benzo(a)anthracene	0.22	mg/kg	J
					Acenaphthene	0.035	mg/kg	J
					Fluorene	0.18	mg/kg	J
					Phenanthrene	0.20	mg/kg	J
					Indeno(1,2,3-cd)pyrene	0.28	mg/kg	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
PAHs	2-Fluorobiphenyl	44	48 - 122	T1-17/10/06-SE-MB-31(Surface)	2-Methylnaphthalene	0.002 J	mg/kg	UJ
	Terpehnyl-d14	48	65 - 125		Naphthalene	0.004 J	mg/kg	UJ
					Benzo(g,h,i)perylene	0.002 J	mg/kg	J
					Anthracene	0.001 J	mg/kg	J
					Pyrene	0.007	mg/kg	J
					Indeno(1,2,3-cd)pyrene	0.002 U	mg/kg	UJ
					Benzo(b)fluoranthene	0.003	mg/kg	J
					Fluoranthene	0.010	mg/kg	J
					Benzo(k)fluoranthene	0.002 U	mg/kg	UJ
					Acenaphthylene	0.002 J	mg/kg	J
					Chrysene	0.001 J	mg/kg	J
					Benzo(a)pyrene	0.002 U	mg/kg	UJ
					Dibenz(a,h)anthracene	0.002 U	mg/kg	UJ
					Benzo(a)anthracene	0.001 J	mg/kg	J
					Acenaphthene	0.002 U	mg/kg	UJ
					Fluorene	0.002 J	mg/kg	J
					Phenanthrene	0.004	mg/kg	J
PAHs	2-Fluorobiphenyl	51	60 - 115	T1-18/10/06-SW-JC-1	Anthracene	0.00002 J	mg/L	J
	Terpehnyl-d14	57	64 - 123		Pyrene	0.00004 J	mg/L	J
					Benzo(g,h,i)perylene	0.00005 U	mg/L	UJ
					Indeno(1,2,3-cd)pyrene	0.00005 U	mg/L	UJ
					Benzo(b)fluoranthene	0.00005 U	mg/L	UJ
					Fluoranthene	0.00003 J	mg/L	J
					Benzo(k)fluoranthene	0.00005 U	mg/L	UJ
					Acenaphthylene	0.00005	mg/L	J
					Chrysene	0.00005 U	mg/L	UJ
					Benzo(a)pyrene	0.00005 U	mg/L	UJ
					Dibenz(a,h)anthracene	0.00005 U	mg/L	UJ
					Benzo(a)anthracene	0.00005 U	mg/L	UJ
					Acenaphthene	0.0001	mg/L	J
					Phenanthrene	0.00005	mg/L	J
					Fluorene	0.00007	mg/L	J
					Naphthalene	0.0003	mg/L	J
					2-Methylnaphthalene	0.00008	mg/L	J

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TPH	o-Terphenyl	68	70-130	T1-12/10/06-SE-SLC-2(Mid)	Total Petroleum Hydrocarbons (C6-C12)	59 U	mg/kg	UJ
					Total Petroleum Hydrocarbons (C6-C35)	59 U	mg/kg	UJ
					Total Petroleum Hydrocarbons (>C12-C28)	59 U	mg/kg	UJ
					Total Petroleum Hydrocarbons (>C28-C35)	59 U	mg/kg	UJ
TPH	o-Terphenyl	37	70-130	T1-17/10/06-SE-MB-19(Surface)	Total Petroleum Hydrocarbons (C6-C12)	76 U	mg/kg	UJ
	a,a,a-TFT	61	70-130	T1-17/10/06-SE-MB-19(Surface)	Total Petroleum Hydrocarbons (C6-C35)	76 U	mg/kg	UJ
				T1-17/10/06-SE-MB-19(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	76 U	mg/kg	UJ
				T1-17/10/06-SE-MB-19(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	76 U	mg/kg	UJ
TPH	o-Terphenyl	49	70-130	T1-17/10/06-SE-MB-20(Surface)	Total Petroleum Hydrocarbons (C6-C12)	68 U	mg/kg	UJ
				T1-17/10/06-SE-MB-20(Surface)	Total Petroleum Hydrocarbons (C6-C35)	68 U	mg/kg	UJ
				T1-17/10/06-SE-MB-20(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	68 U	mg/kg	UJ
				T1-17/10/06-SE-MB-20(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	68 U	mg/kg	UJ
TPH	o-Terphenyl	33	70-130	T1-17/10/06-SE-MB-21(Mid)	Total Petroleum Hydrocarbons (C6-C12)	120	mg/kg	J
	a,a,a-TFT	51	70-130	T1-17/10/06-SE-MB-21(Mid)	Total Petroleum Hydrocarbons (C6-C35)	310	mg/kg	J
				T1-17/10/06-SE-MB-21(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	140	mg/kg	J
				T1-17/10/06-SE-MB-21(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	51	mg/kg	J
TPH	o-Terphenyl	40	70-130	T1-17/10/06-SE-MB-21(Refusal)	Total Petroleum Hydrocarbons (C6-C12)	110 U	mg/kg	UJ
	a,a,a-TFT	55	70-130	T1-17/10/06-SE-MB-21(Refusal)	Total Petroleum Hydrocarbons (C6-C35)	110 U	mg/kg	UJ
				T1-17/10/06-SE-MB-21(Refusal)	Total Petroleum Hydrocarbons (>C12-C28)	110 U	mg/kg	UJ
				T1-17/10/06-SE-MB-21(Refusal)	Total Petroleum Hydrocarbons (>C28-C35)	110 U	mg/kg	UJ
TPH	o-Terphenyl	44	70-130	T1-17/10/06-SE-MB-22(Surface)	Total Petroleum Hydrocarbons (C6-C12)	94 U	mg/kg	UJ
	a,a,a-TFT	59	70-130	T1-17/10/06-SE-MB-22(Surface)	Total Petroleum Hydrocarbons (C6-C35)	94 U	mg/kg	UJ
				T1-17/10/06-SE-MB-22(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	94 U	mg/kg	UJ
				T1-17/10/06-SE-MB-22(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	94 U	mg/kg	UJ
TPH	o-Terphenyl	38	70-130	T1-17/10/06-SE-MB-18(Surface)	Total Petroleum Hydrocarbons (C6-C12)	97 U	mg/kg	UJ
	a,a,a-TFT	56	70-130	T1-17/10/06-SE-MB-18(Surface)	Total Petroleum Hydrocarbons (C6-C35)	97 U	mg/kg	UJ
				T1-17/10/06-SE-MB-18(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	97 U	mg/kg	UJ
				T1-17/10/06-SE-MB-18(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	97 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TPH	o-Terphenyl	49	70-130	T1-17/10/06-SE-MB-18(Mid)	Total Petroleum Hydrocarbons (C6-C12)	65 U	mg/kg	UJ
				T1-17/10/06-SE-MB-18(Mid)	Total Petroleum Hydrocarbons (C6-C35)	130	mg/kg	J
				T1-17/10/06-SE-MB-18(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	130	mg/kg	J
				T1-17/10/06-SE-MB-18(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	65 U	mg/kg	UJ
TPH	o-Terphenyl	63	70-130	T1-17/10/06-SE-MB-18(Refusal)	Total Petroleum Hydrocarbons (C6-C12)	780	mg/kg	J
				T1-17/10/06-SE-MB-18(Refusal)	Total Petroleum Hydrocarbons (C6-C35)	3100	mg/kg	J
				T1-17/10/06-SE-MB-18(Refusal)	Total Petroleum Hydrocarbons (>C12-C28)	1800	mg/kg	J
				T1-17/10/06-SE-MB-18(Refusal)	Total Petroleum Hydrocarbons (>C28-C35)	510	mg/kg	J
TPH	o-Terphenyl	60	70-130	T1-17/10/06-SE-MB-29(Surface)	Total Petroleum Hydrocarbons (C6-C12)	100 U	mg/kg	UJ
	a,a,a-TFT	68	70-130	T1-17/10/06-SE-MB-29(Surface)	Total Petroleum Hydrocarbons (C6-C35)	100 U	mg/kg	UJ
				T1-17/10/06-SE-MB-29(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	100 U	mg/kg	UJ
				T1-17/10/06-SE-MB-29(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	100 U	mg/kg	UJ
TPH	o-Terphenyl	39	70-130	T1-17/10/06-SE-MB-23(Surface)	Total Petroleum Hydrocarbons (C6-C12)	170 U	mg/kg	UJ
	a,a,a-TFT	57	70-130	T1-17/10/06-SE-MB-23(Surface)	Total Petroleum Hydrocarbons (C6-C35)	170 U	mg/kg	UJ
				T1-17/10/06-SE-MB-23(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	170 U	mg/kg	UJ
				T1-17/10/06-SE-MB-23(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	170 U	mg/kg	UJ
TPH	o-Terphenyl	38	70-130	T1-17/10/06-SE-MB-25(Surface)	Total Petroleum Hydrocarbons (C6-C12)	75 U	mg/kg	UJ
	a,a,a-TFT	64	70-130	T1-17/10/06-SE-MB-25(Surface)	Total Petroleum Hydrocarbons (C6-C35)	75 U	mg/kg	UJ
				T1-17/10/06-SE-MB-25(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	75 U	mg/kg	UJ
				T1-17/10/06-SE-MB-25(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	75 U	mg/kg	UJ
TPH	o-Terphenyl	37	70-130	T1-17/10/06-SE-MB-24(Surface)	Total Petroleum Hydrocarbons (C6-C12)	140	mg/kg	J
	a,a,a-TFT	60	70-130	T1-17/10/06-SE-MB-24(Surface)	Total Petroleum Hydrocarbons (C6-C35)	690	mg/kg	J
				T1-17/10/06-SE-MB-24(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	490	mg/kg	J
				T1-17/10/06-SE-MB-24(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	63 J	mg/kg	J
TPH	o-Terphenyl	30	70-130	T1-17/10/06-SE-MB-24(Mid)	Total Petroleum Hydrocarbons (C6-C12)	96 U	mg/kg	UJ
	a,a,a-TFT	52	70-130	T1-17/10/06-SE-MB-24(Mid)	Total Petroleum Hydrocarbons (C6-C35)	96 U	mg/kg	UJ
				T1-17/10/06-SE-MB-24(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	96 U	mg/kg	UJ
				T1-17/10/06-SE-MB-24(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	96 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TPH	o-Terphenyl	29	70-130	T1-17/10/06-SE-MB-24(Refusal)	Total Petroleum Hydrocarbons (C6-C12)	96 U	mg/kg	UJ
	a,a,a-TFT	51	70-130	T1-17/10/06-SE-MB-24(Refusal)	Total Petroleum Hydrocarbons (C6-C35)	96 U	mg/kg	UJ
				T1-17/10/06-SE-MB-24(Refusal)	Total Petroleum Hydrocarbons (>C12-C28)	96 U	mg/kg	UJ
				T1-17/10/06-SE-MB-24(Refusal)	Total Petroleum Hydrocarbons (>C28-C35)	96 U	mg/kg	UJ
TPH	o-Terphenyl	42	70-130	T1-17/10/06-SE-MB-26(Surface)	Total Petroleum Hydrocarbons (C6-C12)	75 J	mg/kg	J
	a,a,a-TFT	61	70-130	T1-17/10/06-SE-MB-26(Surface)	Total Petroleum Hydrocarbons (C6-C35)	520	mg/kg	J
				T1-17/10/06-SE-MB-26(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	360	mg/kg	J
				T1-17/10/06-SE-MB-26(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	78 J	mg/kg	J
TPH	o-Terphenyl	60	70-130	T1-17/10/06-SE-MB-31(Surface)	Total Petroleum Hydrocarbons (C6-C12)	54 U	mg/kg	UJ
				T1-17/10/06-SE-MB-31(Surface)	Total Petroleum Hydrocarbons (C6-C35)	54 U	mg/kg	UJ
				T1-17/10/06-SE-MB-31(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	54 U	mg/kg	UJ
				T1-17/10/06-SE-MB-31(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	54 U	mg/kg	UJ
TPH	o-Terphenyl	47	70-130	T1-17/10/06-SE-GSUC-1(Surface)	Total Petroleum Hydrocarbons (C6-C12)	63 U	mg/kg	UJ
				T1-17/10/06-SE-GSUC-1(Surface)	Total Petroleum Hydrocarbons (C6-C35)	75	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	75	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	63 U	mg/kg	UJ
TPH	o-Terphenyl	55	70-130	T1-17/10/06-SE-GSUC-1(Mid)	Total Petroleum Hydrocarbons (C6-C12)	47 J	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Mid)	Total Petroleum Hydrocarbons (C6-C35)	160	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	110	mg/kg	J
				T1-17/10/06-SE-GSUC-1(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	59 U	mg/kg	UJ
TPH	o-Terphenyl	52	70-130	T1-17/10/06-SE-GSUC-2(Surface)	Total Petroleum Hydrocarbons (C6-C12)	55 J	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Surface)	Total Petroleum Hydrocarbons (C6-C35)	240	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	190	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	71 U	mg/kg	UJ
TPH	o-Terphenyl	61	70-130	T1-17/10/06-SE-GSUC-2(Mid)	Total Petroleum Hydrocarbons (C6-C12)	57 J	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Mid)	Total Petroleum Hydrocarbons (C6-C35)	300	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	250	mg/kg	J
				T1-17/10/06-SE-GSUC-2(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	59 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TPH	o-Terphenyl	58	70-130	T1-17/10/06-SE-MB-32(Surface)	Total Petroleum Hydrocarbons (C6-C12)	52 U	mg/kg	UJ
				T1-17/10/06-SE-MB-32(Surface)	Total Petroleum Hydrocarbons (C6-C35)	52 U	mg/kg	UJ
				T1-17/10/06-SE-MB-32(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	52 U	mg/kg	UJ
				T1-17/10/06-SE-MB-32(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	52 U	mg/kg	UJ
TPH	o-Terphenyl	60	70-130	T1-17/10/06-SE-MB-28(Surface)	Total Petroleum Hydrocarbons (C6-C12)	98 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Surface)	Total Petroleum Hydrocarbons (C6-C35)	98 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	98 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	98 U	mg/kg	UJ
TPH	o-Terphenyl	35	70-130	T1-17/10/06-SE-MB-28(Mid)	Total Petroleum Hydrocarbons (C6-C12)	95 U	mg/kg	UJ
	a,a,a-TFT	48	70-130	T1-17/10/06-SE-MB-28(Mid)	Total Petroleum Hydrocarbons (C6-C35)	95 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	95 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	95 U	mg/kg	UJ
TPH	o-Terphenyl	49	70-130	T1-17/10/06-SE-MB-28(Refusal)	Total Petroleum Hydrocarbons (C6-C12)	91 U	mg/kg	UJ
	a,a,a-TFT	58	70-130	T1-17/10/06-SE-MB-28(Refusal)	Total Petroleum Hydrocarbons (C6-C35)	91 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Refusal)	Total Petroleum Hydrocarbons (>C12-C28)	91 U	mg/kg	UJ
				T1-17/10/06-SE-MB-28(Refusal)	Total Petroleum Hydrocarbons (>C28-C35)	91 U	mg/kg	UJ
TPH	o-Terphenyl	60	70-130	T1-17/10/06-SE-MB-30(Surface)	Total Petroleum Hydrocarbons (C6-C12)	57 U	mg/kg	UJ
				T1-17/10/06-SE-MB-30(Surface)	Total Petroleum Hydrocarbons (C6-C35)	57 U	mg/kg	UJ
				T1-17/10/06-SE-MB-30(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	57 U	mg/kg	UJ
				T1-17/10/06-SE-MB-30(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	57 U	mg/kg	UJ
TPH	o-Terphenyl	68	70-130	T1-17/10/06-SE-GSUC-3(Surface)	Total Petroleum Hydrocarbons (C6-C12)	80	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Surface)	Total Petroleum Hydrocarbons (C6-C35)	470	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	340	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	43 J	mg/kg	J
TPH	o-Terphenyl	34	70-130	T1-17/10/06-SE-GSUC-3(Mid)	Total Petroleum Hydrocarbons (C6-C12)	65 J	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Mid)	Total Petroleum Hydrocarbons (C6-C35)	310	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Mid)	Total Petroleum Hydrocarbons (>C12-C28)	240	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Mid)	Total Petroleum Hydrocarbons (>C28-C35)	75 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TPH	o-Terphenyl	56	70-130	T1-17/10/06-SE-GSUC-3(Refusal)	Total Petroleum Hydrocarbons (C6-C12)	220	mg/kg	J
	a,a,a-TFT	67	70-130	T1-17/10/06-SE-GSUC-3(Refusal)	Total Petroleum Hydrocarbons (C6-C35)	1200	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Refusal)	Total Petroleum Hydrocarbons (>C12-C28)	840	mg/kg	J
				T1-17/10/06-SE-GSUC-3(Refusal)	Total Petroleum Hydrocarbons (>C28-C35)	100	mg/kg	J
TPH	o-Terphenyl	52	70-130	T1-19/10/06-SE-JC-2(Surface)	Total Petroleum Hydrocarbons (C6-C12)	49 U	mg/kg	UJ
	a,a,a-TFT	63	70-130	T1-19/10/06-SE-JC-2(Surface)	Total Petroleum Hydrocarbons (C6-C35)	92	mg/kg	J
				T1-19/10/06-SE-JC-2(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	92	mg/kg	J
				T1-19/10/06-SE-JC-2(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	49 U	mg/kg	UJ
TPH	o-Terphenyl	63	70-130	T1-19/10/06-SE-JC-6(Surface)	Total Petroleum Hydrocarbons (C6-C12)	23 J	mg/kg	J
				T1-19/10/06-SE-JC-6(Surface)	Total Petroleum Hydrocarbons (C6-C35)	460	mg/kg	J
				T1-19/10/06-SE-JC-6(Surface)	Total Petroleum Hydrocarbons (>C12-C28)	420	mg/kg	J
				T1-19/10/06-SE-JC-6(Surface)	Total Petroleum Hydrocarbons (>C28-C35)	22 J	mg/kg	J

Notes:
J Estimated.
PAHs Polynuclear Aromatic Hydrocarbons.
TPH Total Petroleum Hydrocarbons.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-13/10/06-SE-MB-1(Refusal)	1,4-DCB-d4	49	50-200	1,1,2,2-Tetrachloroethane	0.00054 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00028 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00037 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00021 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00046 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00042 U	mg/kg	UJ
VOCs	T1-13/10/06-SE-MB-2(Surface)	1,4-DCB-d4	44	50-200	1,1,2,2-Tetrachloroethane	0.00044 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00030 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00038 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00034 U	mg/kg	UJ
VOCs	T1-13/10/06-SE-MB-4(Surface)	1,4-DCB-d4	33	50-200	1,1,2,2-Tetrachloroethane	0.00069 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00036 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00048 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00027 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00060 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00054 U	mg/kg	UJ
VOCs	T1-13/10/06-SE-MB-3(Surface)	1,4-DCB-d4	37	50-200	1,1,2,2-Tetrachloroethane	0.00043 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00030 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00038 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00034 U	mg/kg	UJ
VOCs	T1-13/10/06-SE-SLC-4(Refusal)	1,4-DCB-d4	43	50-200	1,1,2,2-Tetrachloroethane	0.00055 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00029 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00038 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00021 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00048 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00043 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-13/10/06-SE-SLC-4(Surface)	1,4-DCB-d4	40	50-200	1,1,2,2-Tetrachloroethane	0.00072 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00038 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00050 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00028 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00063 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00056 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-29(Surface)	1,4-DCB-d4	46	50-200	1,4-Dichlorobenzene	0.00082 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00092 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00061 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0012 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00046 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0010 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-18(Surface)	1,4-DCB-d4	17	50-200	Ethylbenzene	0.00029 U	mg/kg	UJ
		Chlorobenzene-d5	41	50-200	Styrene	0.00048 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00062 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00077 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00062 U	mg/kg	UJ
					Toluene	0.0022 J	mg/kg	J
					Chlorobenzene	0.00053 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00086 U	mg/kg	R
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00029 U	mg/kg	UJ
					m&p-Xylene	0.00082 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00057 U	mg/kg	R
					2-Hexanone	0.0039 U	mg/kg	UJ
					Bromoform	0.00057 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	R
					o-Xylene	0.0077 J	mg/kg	J
					1,2-Dichlorobenzene	0.00043 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00096 U	mg/kg	R
					Isopropylbenzene	0.00029 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-18(Mid)	1,4-DCB-d4	38	50-200	1,4-Dichlorobenzene	0.00057 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00058 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00039 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00074 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00050 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00064 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-23(Surface)	Fluorobenzene	48	50-200	Ethylbenzene	0.00085 J	mg/kg	J
		Chlorobenzene-d5	38	50-200	Styrene	0.00086 U	mg/kg	UJ
		1,4-DCB-d4	26	50-200	cis-1,3-Dichloropropene	0.0014 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.0011 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.0014 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.0011 U	mg/kg	UJ
					1,2-Dichloroethane	0.0013 U	mg/kg	UJ
					Methyl cyclohexane	0.00095 U	mg/kg	UJ
					Toluene	0.0045 J	mg/kg	J
					Chlorobenzene	0.00095 U	mg/kg	UJ
					Cyclohexane	0.0011 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.0016 U	mg/kg	UJ
					Dibromochloromethane	0.00043 U	mg/kg	UJ
					Tetrachloroethene	0.00052 U	mg/kg	UJ
					m&p-Xylene	0.0015 U	mg/kg	UJ
					cis-1,2-Dichloroethene	0.0016 U	mg/kg	UJ
					trans-1,2-Dichloroethene	0.0010 U	mg/kg	UJ
					Methyl Tert Butyl Ether	0.0018 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.0010 U	mg/kg	UJ
					Carbon tetrachloride	0.0012 U	mg/kg	UJ
					2-Hexanone	0.0071 U	mg/kg	UJ
					Acetone	0.77	mg/kg	J
					Chloroform (Trichloromethane)	0.0010 U	mg/kg	UJ
					Benzene	0.00086 U	mg/kg	UJ
					1,1,1-Trichloroethane	0.00077 U	mg/kg	UJ
					Bromomethane (Methyl Bromide)	0.0022 U	mg/kg	UJ
					Chloromethane (Methyl Chloride)	0.0029 U	mg/kg	UJ
					Chloroethane	0.0011 U	mg/kg	UJ
					Vinyl chloride	0.0014 U	mg/kg	UJ
					Methylene chloride	0.0021 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-23(Surface)	Fluorobenzene	48	50-200	Carbon disulfide	0.018 J	mg/kg	J
		Chlorobenzene-d5	38	50-200	Bromoform	0.0010 U	mg/kg	UJ
		1,4-DCB-d4	26	50-200	Bromodichloromethane	0.00070 U	mg/kg	UJ
					1,1-Dichloroethane	0.00086 U	mg/kg	UJ
					1,1-Dichloroethene	0.0034 U	mg/kg	UJ
					Trichlorofluoromethane (CFC-11)	0.0025 U	mg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	0.0010 U	mg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	0.0013 J	mg/kg	J
					1,2-Dichloropropane	0.0015 U	mg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	0.022 J	mg/kg	J
					1,1,2-Trichloroethane	0.0023 U	mg/kg	UJ
					Trichloroethene	0.0013 U	mg/kg	UJ
					Methyl acetate	0.0052 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0020 U	mg/kg	UJ
					o-Xylene	0.014 J	mg/kg	J
					1,2-Dichlorobenzene	0.00077 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0017 U	mg/kg	UJ
					Isopropylbenzene	0.00060 J	mg/kg	J
VOCs	T1-17/10/06-SE-MB-22(Surface)	1,4-DCB-d4	22	50-200	1,4-Dichlorobenzene	0.00075 U	mg/kg	R
					1,2,4-Trichlorobenzene	0.00085 U	mg/kg	R
					1,3-Dichlorobenzene	0.00056 U	mg/kg	R
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	R
					1,2-Dichlorobenzene	0.00042 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00094 U	mg/kg	R
VOCs	T1-17/10/06-SE-MB-26(Surface)	Chlorobenzene-d5	46	50-200	Ethylbenzene	0.00056 J	mg/kg	J
		1,4-DCB-d4	35	50-200	Styrene	0.00060 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00078 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00096 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00078 U	mg/kg	UJ
					Toluene	0.0014 J	mg/kg	J
					Chlorobenzene	0.00066 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0011 U	mg/kg	UJ
					Dibromochloromethane	0.00030 U	mg/kg	UJ
					Tetrachloroethene	0.00036 U	mg/kg	UJ
					m&p-Xylene	0.0011 J	mg/kg	J

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-26(Surface)	Chlorobenzene-d5	46	50-200	1,3-Dichlorobenzene	0.00072 U	mg/kg	UJ
		1,4-DCB-d4	35	50-200	2-Hexanone	0.0049 U	mg/kg	UJ
					Bromoform	0.00072 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0016 U	mg/kg	UJ
					Trichloroethene	0.00090 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0014 U	mg/kg	UJ
					o-Xylene	0.011 J	mg/kg	J
					1,2-Dichlorobenzene	0.00058 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.0012 U	mg/kg	UJ
					Isopropylbenzene	0.00082 J	mg/kg	J
VOCs	T1-17/10/06-SE-MB-33(Surface)	1,4-DCB-d4	23	50-200	1,4-Dichlorobenzene	0.00037 U	mg/kg	R
					1,2,4-Trichlorobenzene	0.00041 U	mg/kg	R
					1,3-Dichlorobenzene	0.00027 U	mg/kg	R
					1,1,2,2-Tetrachloroethane	0.00053 U	mg/kg	R
					1,2-Dichlorobenzene	0.00021 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00046 U	mg/kg	R
VOCs	T1-17/10/06-SE-MB-24(Refusal)	1,4-DCB-d4	40	50-200	1,4-Dichlorobenzene	0.00077 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00086 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00058 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00096 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-24(Mid)	1,4-DCB-d4	35	50-200	1,4-Dichlorobenzene	0.00077 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00087 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00058 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00097 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-28(Mid)	Chlorobenzene-d5	47	50-200	Ethylbenzene	0.00028 U	mg/kg	UJ
		1,4-DCB-d4	23	50-200	Styrene	0.00047 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00061 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00075 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00061 U	mg/kg	UJ
					Toluene	0.00082 J	mg/kg	J
					Chlorobenzene	0.00052 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00085 U	mg/kg	R
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00028 U	mg/kg	UJ
					m&p-Xylene	0.00080 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00057 U	mg/kg	R
					2-Hexanone	0.0039 U	mg/kg	UJ
					Bromoform	0.00057 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	R
					o-Xylene	0.0078 J	mg/kg	J
					1,2-Dichlorobenzene	0.00043 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00094 U	mg/kg	R
					Isopropylbenzene	0.00028 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-28(Refusal)	Chlorobenzene-d5	44	50-200	Ethylbenzene	0.00027 U	mg/kg	UJ
		1,4-DCB-d4	15	50-200	Styrene	0.00045 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00059 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00072 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00059 U	mg/kg	UJ
					Toluene	0.0011 J	mg/kg	J
					Chlorobenzene	0.00050 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00081 U	mg/kg	R
					Dibromochloromethane	0.00023 U	mg/kg	UJ
					Tetrachloroethene	0.00027 U	mg/kg	UJ
					m&p-Xylene	0.00076 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00054 U	mg/kg	R
					2-Hexanone	0.0037 U	mg/kg	UJ
					Bromoform	0.00054 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0012 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0010 U	mg/kg	R

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-28(Refusal)	Chlorobenzene-d5	44	50-200	o-Xylene	0.0073 J	mg/kg	J
		1,4-DCB-d4	15	50-200	1,2-Dichlorobenzene	0.00040 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00090 U	mg/kg	R
					Isopropylbenzene	0.00027 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-32(Surface)	1,4-DCB-d4	38	50-200	1,4-Dichlorobenzene	0.00041 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00047 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00031 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00060 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00052 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-28(Surface)	1,4-DCB-d4	29	50-200	1,4-Dichlorobenzene	0.00078 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00088 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00058 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00055 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00097 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-30(Surface)	Chlorobenzene-d5	32	50-200	Ethylbenzene	0.00017 U	mg/kg	UJ
		1,4-DCB-d4	11	50-200	Styrene	0.00029 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00038 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00046 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00038 U	mg/kg	UJ
					Toluene	0.00085 J	mg/kg	J
					Chlorobenzene	0.00032 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00052 U	mg/kg	R
					Dibromochloromethane	0.00014 U	mg/kg	UJ
					Tetrachloroethene	0.00017 U	mg/kg	UJ
					m&p-Xylene	0.00049 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00035 U	mg/kg	R
					2-Hexanone	0.0024 U	mg/kg	UJ
					Bromoform	0.00035 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00078 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00066 U	mg/kg	R
					o-Xylene	0.00049 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-30(Surface)	Chlorobenzene-d5	32	50-200	1,2-Dichlorobenzene	0.00026 U	mg/kg	R
		1,4-DCB-d4	11	50-200	1,2-Dibromo-3-chloropropane (DBCP)	0.00058 U	mg/kg	R
					Isopropylbenzene	0.00017 U	mg/kg	UJ
VOCs	T1-17/10/06-SE-MB-34(Surface)	Chlorobenzene-d5	50	50-200	Ethylbenzene	0.00043 U	mg/kg	UJ
		1,4-DCB-d4	23	50-200	Styrene	0.00071 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00091 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.0011 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00091 U	mg/kg	UJ
					Toluene	0.0018 J	mg/kg	J
					Chlorobenzene	0.00078 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0013 U	mg/kg	R
					Dibromochloromethane	0.00035 U	mg/kg	UJ
					Tetrachloroethene	0.00043 U	mg/kg	UJ
					m&p-Xylene	0.0012 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00085 U	mg/kg	R
					2-Hexanone	0.0058 U	mg/kg	UJ
					Bromoform	0.00085 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0019 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0016 U	mg/kg	R
					o-Xylene	0.011 J	mg/kg	J
					1,2-Dichlorobenzene	0.00064 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.0014 U	mg/kg	R
					Isopropylbenzene	0.00043 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-6(Surface)	1,4-DCB-d4	28	50-200	1,4-Dichlorobenzene	0.00058 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00065 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00083 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00032 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00072 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-18/10/06-SE-MB-11(Surface)	Chlorobenzene-d5	48	50-200	Ethylbenzene	0.00019 J	mg/kg	J
					Toluene	0.0018 J	mg/kg	J
					Styrene	0.00029 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00038 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00038 U	mg/kg	UJ
					Chlorobenzene	0.00032 U	mg/kg	UJ
					Dibromochloromethane	0.00015 U	mg/kg	UJ
					Tetrachloroethene	0.00018 U	mg/kg	UJ
					m&p-Xylene	0.00050 U	mg/kg	UJ
					2-Hexanone	0.0024 U	mg/kg	UJ
					Bromoform	0.00035 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00079 U	mg/kg	UJ
					o-Xylene	0.00050 U	mg/kg	UJ
					Isopropylbenzene	0.00018 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-11(Surface)	1,4-DCB-d4	20	50-200	1,4-Dichlorobenzene	0.00047 U	mg/kg	R
					1,2,4-Trichlorobenzene	0.00053 U	mg/kg	R
					1,3-Dichlorobenzene	0.00035 U	mg/kg	R
					1,1,2,2-Tetrachloroethane	0.00067 U	mg/kg	R
					1,2-Dichlorobenzene	0.00026 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00058 U	mg/kg	R
VOCs	T1-19/10/06-SE-MB-27(Surface)	Chlorobenzene-d5	48	50-200	Ethylbenzene	0.00021 J	mg/kg	J
					Toluene	0.0015 J	mg/kg	J
					m&p-Xylene	0.00055 J	mg/kg	J
					o-Xylene	0.0050 J	mg/kg	J
					Styrene	0.00032 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00041 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00041 U	mg/kg	UJ
					Chlorobenzene	0.00035 U	mg/kg	UJ
					Dibromochloromethane	0.00016 U	mg/kg	UJ
					Tetrachloroethene	0.00019 U	mg/kg	UJ
					2-Hexanone	0.0026 U	mg/kg	UJ
					Bromoform	0.00038 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00085 U	mg/kg	UJ
					Isopropylbenzene	0.00019 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-19/10/06-SE-MB-27(Surface)	1,4-DCB-d4	27	50-200	1,4-Dichlorobenzene	0.00050 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00057 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00038 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00073 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00028 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00063 U	mg/kg	UJ
VOCs	T1-19/10/06-SE-MB-27(Mid)	1,4-DCB-d4	40	50-200	1,4-Dichlorobenzene	0.00041 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00047 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00031 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00059 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00052 U	mg/kg	UJ
VOCs	T1-19/10/06-SE-SLC-6(Refusal)	1,4-DCB-d4	34	50-200	1,4-Dichlorobenzene	0.00052 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00059 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00039 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00075 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.0025 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00065 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-7(Surface)	Chlorobenzene-d5	45	50-200	Ethylbenzene	0.00028 U	mg/kg	UJ
					Styrene	0.00047 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00061 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00061 U	mg/kg	UJ
					Toluene	0.0022 J	mg/kg	J
					Chlorobenzene	0.00052 U	mg/kg	UJ
					Dibromochloromethane	0.00024 U	mg/kg	UJ
					Tetrachloroethene	0.00028 U	mg/kg	UJ
					m&p-Xylene	0.00080 U	mg/kg	UJ
					2-Hexanone	0.0039 U	mg/kg	UJ
					Bromoform	0.00057 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0013 U	mg/kg	UJ
					o-Xylene	0.0075 J	mg/kg	J
					Isopropylbenzene	0.00028 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-18/10/06-SE-MB-7(Surface)	1,4-DCB-d4	19	50-200	1,4-Dichlorobenzene	0.0011 J	mg/kg	J
					1,2,4-Trichlorobenzene	0.00085 U	mg/kg	R
					1,3-Dichlorobenzene	0.00068 J	mg/kg	J
					1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	R
					1,2-Dichlorobenzene	0.00086 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00094 U	mg/kg	R
VOCs	T1-18/10/06-SE-MB-8(Surface)	Chlorobenzene-d5	48	50-200	Ethylbenzene	0.00021 U	mg/kg	UJ
					Styrene	0.00035 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00045 U	mg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	0.00045 U	mg/kg	UJ
					Toluene	0.00068 J	mg/kg	J
					Chlorobenzene	0.00038 U	mg/kg	UJ
					Dibromochloromethane	0.00018 U	mg/kg	UJ
					Tetrachloroethene	0.00021 U	mg/kg	UJ
					m&p-Xylene	0.00059 U	mg/kg	UJ
					2-Hexanone	0.0029 U	mg/kg	UJ
					Bromoform	0.00042 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.00094 U	mg/kg	UJ
					o-Xylene	0.00059 U	mg/kg	UJ
					Isopropylbenzene	0.00021 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-8(Surface)	1,4-DCB-d4	23	50-200	1,4-Dichlorobenzene	0.00056 U	mg/kg	R
					1,2,4-Trichlorobenzene	0.00063 U	mg/kg	R
					1,3-Dichlorobenzene	0.00042 U	mg/kg	R
					1,1,2,2-Tetrachloroethane	0.00080 U	mg/kg	R
					1,2-Dichlorobenzene	0.00031 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00069 U	mg/kg	R
VOCs	T1-18/10/06-SE-MB-12(Surface)	1,4-DCB-d4	29	50-200	1,4-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00049 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00032 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00062 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00024 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00054 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-18/10/06-SE-MB-15(Surface)	Chlorobenzene-d5	40	50-200	Ethylbenzene	0.00035 U	mg/kg	UJ
		1,4-DCB-d4	18	50-200	Styrene	0.00058 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00076 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00094 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00076 U	mg/kg	UJ
					Toluene	0.0016 J	mg/kg	UJ
					Chlorobenzene	0.00064 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0011 U	mg/kg	R
					Dibromochloromethane	0.00029 U	mg/kg	UJ
					Tetrachloroethene	0.00035 U	mg/kg	UJ
					m&p-Xylene	0.00099 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00070 U	mg/kg	R
					2-Hexanone	0.0048 U	mg/kg	UJ
					Bromoform	0.00070 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0016 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0013 U	mg/kg	R
					o-Xylene	0.0091 J	mg/kg	UJ
					1,2-Dichlorobenzene	0.00053 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.0012 U	mg/kg	R
					Isopropylbenzene	0.00035 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-16(Surface)	1,4-DCB-d4	31	50-200	1,4-Dichlorobenzene	0.00072 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00081 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00054 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0010 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00041 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00090 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-17(Surface)	Chlorobenzene-d5	41	50-200	Ethylbenzene	0.00025 U	mg/kg	UJ
		1,4-DCB-d4	18	50-200	Styrene	0.00041 U	mg/kg	UJ
					trans-1,3-Dichloropropene	0.00053 U	mg/kg	UJ
					1,4-Dichlorobenzene	0.00065 U	mg/kg	R
					1,2-Dibromoethane (Ethylene Dibromide)	0.00053 U	mg/kg	UJ
					Toluene	0.00085 J	mg/kg	UJ
					Chlorobenzene	0.00045 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00073 U	mg/kg	R
					Dibromochloromethane	0.00021 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-18/10/06-SE-MB-17(Surface)	Chlorobenzene-d5	41	50-200	Tetrachloroethene	0.00025 U	mg/kg	UJ
		1,4-DCB-d4	18	50-200	m&p-Xylene	0.00069 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00049 U	mg/kg	R
					2-Hexanone	0.0033 U	mg/kg	UJ
					Bromoform	0.00049 U	mg/kg	UJ
					1,1,2-Trichloroethane	0.0011 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00094 U	mg/kg	R
					o-Xylene	0.00069 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00037 U	mg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	0.00081 U	mg/kg	R
					Isopropylbenzene	0.00025 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-MB-13(Surface)	1,4-DCB-d4	23	50-200	1,4-Dichlorobenzene	0.00087 J	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.0024 J	mg/kg	UJ
					1,3-Dichlorobenzene	0.00097 J	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.0012 U	mg/kg	R
					1,2-Dichlorobenzene	0.00094 J	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.0010 U	mg/kg	R
VOCs	T1-19/10/06-SE-SLC-8(Surface)	1,4-DCB-d4	47	50-200	1,4-Dichlorobenzene	0.00022 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00025 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00032 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00013 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00028 U	mg/kg	UJ
VOCs	T1-18/10/06-SE-SLC-7(Surface)	1,4-DCB-d4	39	50-200	1,4-Dichlorobenzene	0.00023 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00026 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00017 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00033 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00014 J	mg/kg	J
					1,2-Dibromo-3-chloropropane (DBCP)	0.00029 U	mg/kg	UJ

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	T1-18/10/06-SE-MB-9(Surface)	1,4-DCB-d4	34	50-200	1,4-Dichlorobenzene	0.00057 U	mg/kg	UJ
					1,2,4-Trichlorobenzene	0.00065 U	mg/kg	UJ
					1,3-Dichlorobenzene	0.00043 U	mg/kg	UJ
					1,1,2,2-Tetrachloroethane	0.00082 U	mg/kg	UJ
					1,2-Dichlorobenzene	0.00032 U	mg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	0.00071 U	mg/kg	UJ
PAHs	T1-13/10/06-SE-MB-1(Mid)	Perylene-d12	33	50-200	Benzo(g,h,i)perylene	0.035	mg/kg	J
					Benzo(b)fluoranthene	0.16	mg/kg	J
					Benzo(k)fluoranthene	0.046	mg/kg	J
					Benzo(a)pyrene	0.14	mg/kg	J
					Dibenz(a,h)anthracene	0.014	mg/kg	J
PAHs	T1-13/10/06-SE-MB-1(Refusal)	Chrysene-d12	46	50-200	Pyrene	0.15	mg/kg	J
		Perylene-d12	22	50-200	Indeno(1,2,3-cd)pyrene	0.012	mg/kg	J
					Chrysene	0.11	mg/kg	J
					Benzo(a)anthracene	0.036	mg/kg	J
					Benzo(g,h,i)perylene	0.013	mg/kg	J
					Benzo(b)fluoranthene	0.059	mg/kg	J
					Benzo(k)fluoranthene	0.019	mg/kg	J
					Benzo(a)pyrene	0.044	mg/kg	J
					Dibenz(a,h)anthracene	0.007	mg/kg	J
PAHs	T1-13/10/06-SE-MB-2(Surface)	Perylene-d12	9	50-200	Benzo(g,h,i)perylene	0.003 U	mg/kg	R
					Benzo(b)fluoranthene	0.003 U	mg/kg	R
					Benzo(k)fluoranthene	0.003 U	mg/kg	R
					Benzo(a)pyrene	0.003 U	mg/kg	R
					Dibenz(a,h)anthracene	0.003 U	mg/kg	R
PAHs	T1-13/10/06-SE-SLC-4(Surface)	Chrysene-d12	34	50-200	Pyrene	1.6	mg/kg	J
		Perylene-d12	14	50-200	Indeno(1,2,3-cd)pyrene	0.13	mg/kg	J
					Chrysene	0.66	mg/kg	J
					Benzo(a)anthracene	0.56	mg/kg	J
					Benzo(g,h,i)perylene	0.10	mg/kg	J
					Benzo(b)fluoranthene	0.81	mg/kg	J

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
PAHs	T1-13/10/06-SE-SLC-4(Surface)	Chrysene-d12	34	50-200	Benzo(k)fluoranthene	0.22	mg/kg	J
		Perylene-d12	14	50-200	Benzo(a)pyrene	0.64	mg/kg	J
					Dibenz(a,h)anthracene	0.033	mg/kg	J
PAHs	T1-18/10/06-SE-MB-10(Surface)	Acenaphthene-d10	280	50-200	Acenaphthylene	17	mg/kg	J
					Acenaphthene	55	mg/kg	J
					Fluorene	52	mg/kg	J
PAHs	T1-19/10/06-SE-SLC-6(Mid)	Chrysene-d12	49	50-200	Pyrene	3.0	mg/kg	J
		Perylene-d12	46	50-200	Indeno(1,2,3-cd)pyrene	0.58	mg/kg	J
					Chrysene	3.3	mg/kg	J
					Benzo(a)anthracene	1.2	mg/kg	J
					Benzo(g,h,i)perylene	0.59	mg/kg	J
					Benzo(b)fluoranthene	3.2	mg/kg	J
					Benzo(k)fluoranthene	0.003 U	mg/kg	UJ
					Benzo(a)pyrene	0.81	mg/kg	J
					Dibenz(a,h)anthracene	0.24	mg/kg	J

Notes:
J Estimated.
PAHs Polynuclear Aromatic Hydrocarbons.
R Rejected.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/18/06	Carbon disulfide	0.0002J	T1-12/10/06-SW-SLC-1	0.0001 J	0.0001 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00011 J	0.00011 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-27	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-MB-4	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-MB-6	0.00036 J	0.00036 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00009 J	0.00009 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00026 J	0.00026 U	mg/L
VOCs	10/18/06	Benzene	0.00007J	T1-12/10/06-SW-SLC-1	0.00035 J	0.00035 U	mg/L
				T1-13/10/06-SW-MB-1	0.00011 J	0.00011 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00023 J	0.00023 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00019 J	0.00019 U	mg/L
VOCs	10/18/06	Toluene	0.00006J	T1-13/10/06-SW-MB-1	0.00022 J	0.00022 U	mg/L
				T1-13/10/06-SW-MB-27	0.00003 J	0.00003 U	mg/L
				T1-13/10/06-SW-MB-4	0.00006 J	0.00006 U	mg/L
				T1-13/10/06-SW-MB-6	0.00003 J	0.00003 U	mg/L
VOCs	10/18/06	Ethylbenzene	0.00006J	T1-12/10/06-SW-SLC-1	0.00022 J	0.00022 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-4	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-MB-6	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00013 J	0.00013 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00012 J	0.00012 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00021 J	0.00021 U	mg/L
VOCs	10/18/06	m&p-Xylene	0.0001J	T1-12/10/06-SW-SLC-1	0.00036 J	0.00036 U	mg/L
				T1-13/10/06-SW-MB-1	0.00017 J	0.00017 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00028 J	0.00028 U	mg/L

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/18/06	Styrene	0.00001J	T1-12/10/06-SW-SLC-1	0.00005 J	0.00005 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00005 J	0.00005 U	mg/L
VOCs	10/19/06	Carbon disulfide	0.00005J	T1-13/10/06-SW-SLC-7	0.00014 J	0.00014 U	mg/L
VOCs	10/20/06	Carbon disulfide	0.0001J	T1-18/10/06-SW-JC-1	0.00012 J	0.00012 U	mg/L
				T1-18/10/06-SW-MB-10	0.00016 J	0.00016 U	mg/L
				T1-18/10/06-SW-MB-13	0.00013 J	0.00013 U	mg/L
VOCs	10/20/06	Methylene chloride	1J	T1-18/10/06-SW-JC-1	0.00006 J	0.00006 U	mg/L
VOCs	10/20/06	Methyl cyclohexane	0.00009J	T1-18/10/06-SW-MB-10	0.00011 J	0.00011 U	mg/L
VOCs	10/20/06	Toluene	0.00003J	T1-18/10/06-SW-JC-1	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-10	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-13	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-18	0.00005 J	0.00005 U	mg/L
VOCs	10/20/06	Ethylbenzene	0.00003J	T1-18/10/06-SW-MB-10	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-18	0.00002 J	0.00002 U	mg/L
VOCs	10/20/06	Styrene	0.00001J	T1-18/10/06-SW-MB-10	0.00003 J	0.00003 U	mg/L
				T1-18/10/06-SW-MB-13	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-18	0.00003 J	0.00003 U	mg/L
VOCs	10/20/06	1,2-Dichlorobenzene	0.00005J	T1-18/10/06-SW-MB-10	0.0001 J	0.0001 U	mg/L
VOCs	10/20/06	1,3-Dichlorobenzene	0.00006J	T1-18/10/06-SW-MB-10	0.00009 J	0.00009 U	mg/L
VOCs	10/20/06	1,4-Dichlorobenzene	0.00007J	T1-18/10/06-SW-MB-10	0.00012 J	0.00012 U	mg/L
VOCs	10/20/06	1,2,4-Trichlorobenzene	0.0002J	T1-18/10/06-SW-MB-10	0.00035 J	0.00035 U	mg/L
VOCs	10/17/06	Carbon disulfide	0.00013J	T1-12/10/06-SE-SLC-1(Mid)	0.00030 J	0.00030 U	mg/Kg
				T1-12/10/06-SE-SLC-1(Refusal)	0.00052 J	0.00052 U	mg/Kg
				T1-12/10/06-SE-SLC-1(Surface)	0.00019 J	0.00019 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/17/06	Ethylbenzene	0.00006J	T1-12/10/06-SE-SLC-2(Refusal)	0.00016 J	0.00016 U	mg/Kg
VOCs	10/19/06	Carbon disulfide	0.00016J	T1-13/10/06-SE-MB-1(Refusal)	0.0026 J	0.0026 U	mg/Kg
				T1-13/10/06-SE-MB-3(Surface)	0.00059 J	0.00059 U	mg/Kg
VOCs	10/19/06	Ethylbenzene	0.00007J	T1-13/10/06-SE-MB-1(Mid)	0.00015 J	0.00015 U	mg/Kg
				T1-13/10/06-SE-MB-1(Surface)	0.00014 J	0.00014 U	mg/Kg
				T1-13/10/06-SE-SLC-4(Mid)	0.00022 J	0.00022 U	mg/Kg
				T1-13/10/06-SE-SLC-5(Surface)	0.00024 J	0.00024 U	mg/Kg
VOCs	10/21/06	Carbon disulfide	0.00012J	T1-13/10/06-SE-SLC-4(Surface)	0.0033 J	0.0033 U	mg/Kg
VOCs	10/21/06	o-Xylene	0.00155J	T1-13/10/06-SE-SLC-4(Surface)	0.0049 J	0.0049 U	mg/Kg
				T1-17/10/06-SE-MB-19(Surface)	0.0058 J	0.0058 U	mg/Kg
				T1-17/10/06-SE-MB-20(Surface)	0.0052 J	0.0052 U	mg/Kg
				T1-17/10/06-SE-MB-22(Surface)	0.0074 J	0.0074 U	mg/Kg
				T1-17/10/06-SE-MB-25(Surface)	0.0059 J	0.0059 U	mg/Kg
				T1-17/10/06-SE-MB-33(Surface)	0.0035 J	0.0035 U	mg/Kg
				T1-17/10/06-SE-MB-35(Surface)	0.0042 J	0.0042 U	mg/Kg
VOCs	10/25/06	Methylene chloride	0.096J	T1-17/10/06-SE-MB-18(Refusal)	0.35 J	0.35 U	mg/Kg
				T1-17/10/06-SE-MB-21(Mid)	0.20 J	0.20 U	mg/Kg
				T1-17/10/06-SE-MB-21(Surface)	0.32 J	0.32 U	mg/Kg
VOCs	10/25/06	Ethylbenzene	0.008J	T1-17/10/06-SE-MB-21(Mid)	0.029 J	0.029 U	mg/Kg
VOCs	10/22/06	Trifluorotrichloroethane	0.0002J	T1-17/10/06-SE-GSUC-1(Surface)	0.00036 J	0.00036 U	mg/Kg
				T1-17/10/06-SE-MB-28(Surface)	0.00056 J	0.00056 U	mg/Kg
				T1-17/10/06-SE-MB-32(Surface)	0.00044 J	0.00044 U	mg/Kg
VOCs	10/22/06	o-Xylene	0.002J	T1-17/10/06-SE-MB-28(Mid)	0.0078 J	0.0078 U	mg/Kg
				T1-17/10/06-SE-MB-28(Refusal)	0.0073 J	0.0073 U	mg/Kg
				T1-17/10/06-SE-MB-28(Surface)	0.0083 J	0.0083 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/26/06	Toluene	0.0005J	T1-17/10/06-SE-GSUC-1(Refusal)	0.00083 J	0.00083 U	mg/Kg
VOCs	10/25/06	Methylene chloride	0.096J	T1-17/10/06-SE-GSUC-2(Mid)	0.30 J	0.30 U	mg/Kg
				T1-17/10/06-SE-GSUC-2(Refusal)	0.23 J	0.23 U	mg/Kg
				T1-17/10/06-SE-GSUC-3(Mid)	0.39 J	0.39 U	mg/Kg
				T1-17/10/06-SE-GSUC-3(Refusal)	0.29 J	0.29 U	mg/Kg
VOCs	10/25/06	Ethylbenzene	0.008J	T1-17/10/06-SE-GSUC-2(Refusal)	0.020 J	0.020 U	mg/Kg
VOCs	10/31/06	Ethylbenzene	0.0003	T1-19/10/06-SO-JC-9(0-2)	0.00038 J	0.00038 U	mg/Kg
VOCs	10/31/06	Toluene	0.0025	T1-19/10/06-SO-JC-8(0-2)	0.00014 J	0.00014 U	mg/Kg
				T1-19/10/06-SO-JC-9(0-2)	0.00091 J	0.00091 U	mg/Kg
				T1-19/10/06-SO-JC-10(0-2)	0.00047 J	0.00047 U	mg/Kg
				T1-19/10/06-SO-JC-11(0-2)	0.00043 J	0.00043 U	mg/Kg
VOCs	10/21/06	Carbon disulfide	0.00006J	T1-18/10/06-SW-MB-21	0.00027 J	0.00027 U	mg/L
				T1-18/10/06-SW-MB-24	0.00008 J	0.00008 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00006 J	0.00006 U	mg/L
VOCs	10/21/06	1,3-Dichlorobenzene	0.00006J	T1-18/10/06-SW-MB-21	0.00008 J	0.00008 U	mg/L
VOCs	10/23/06	Carbon disulfide	0.0002J	T1-19/10/06-SW-JC-3	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-4	0.00029 J	0.00029 U	mg/L
				T1-19/10/06-SW-JC-5	0.00063 J	0.00063 U	mg/L
				T1-19/10/06-SW-JC-7	0.0010 J	0.0010 U	mg/L
				T1-19/10/06-SW-WR-1	0.00011 J	0.00011 U	mg/L
VOCs	10/23/06	Methylene chloride	0.001J	T1-19/10/06-SW-JC-3	0.00041 J	0.00041 U	mg/L
				T1-19/10/06-SW-JC-4	0.00044 J	0.00044 U	mg/L
				T1-19/10/06-SW-JC-5	0.00042 J	0.00042 U	mg/L
				T1-19/10/06-SW-JC-6	0.00056 J	0.00056 U	mg/L
				T1-19/10/06-SW-JC-7	0.0022 J	0.0022 U	mg/L

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/24/06	Carbon disulfide	0.00005J	T1-19/10/06-SW-GSUC-1	0.00007 J	0.00007 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00012 J	0.00012 U	mg/L
				T1-19/10/06-SW-MB-32	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-WR-2	0.00017 J	0.00017 U	mg/L
VOCs	10/24/06	Methylene chloride	0.0008J	T1-19/10/06-SW-GSUC-2	0.00009 J	0.00009 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-WR-2	0.00025 J	0.00025 U	mg/L
VOCs	10/24/06	Ethylbenzene	0.00002J	T1-19/10/06-SW-GSUC-1	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00003 J	0.00003 U	mg/L
				T1-19/10/06-SW-MB-32	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00001 J	0.00001 U	mg/L
VOCs	10/24/06	1,2,4-Trichlorobenzene	0.0001J	T1-19/10/06-SW-WR-2	0.00009 J	0.00009 U	mg/L
VOCs	10/27/06	Carbon disulfide	0.0001	T1-18/10/06-SE-JC-1(Mid)	0.00025 J	0.00025 U	mg/Kg
				T1-18/10/06-SE-JC-1(Refusal)	0.00025 J	0.00025 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Mid)	0.00016 J	0.00016 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Refusal)	0.00015 J	0.00015 U	mg/Kg
VOCs	10/27/06	Cyclohexane	0.0005	T1-18/10/06-SE-MB-6(Surface)	0.00089 J	0.00089 U	mg/Kg
				T1-18/10/06-SE-MB-11(Surface)	0.00061 J	0.00061 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Surface)	0.00072 J	0.00072 U	mg/Kg
				T1-19/10/06-SE-MB-27(Refusal)	0.00040 J	0.00040 U	mg/Kg
VOCs	11/01/06	Methylene chloride	0.11	T1-19/10/06-SE-SLC-6(Mid)	0.24 J	0.24 U	mg/Kg
				T1-19/10/06-SE-SLC-6(Surface)	0.24 J	0.24 U	mg/Kg
VOCs	10/27/06	Toluene	0.0007	T1-18/10/06-SE-JC-1(Mid)	0.00024 J	0.00024 U	mg/Kg
				T1-18/10/06-SE-JC-1(Refusal)	0.00018 J	0.00018 U	mg/Kg
				T1-18/10/06-SE-JC-1(Surface)	0.00060 J	0.00060 U	mg/Kg
				T1-18/10/06-SE-MB-6(Surface)	0.0023 J	0.0023 U	mg/Kg
				T1-18/10/06-SE-MB-11(Surface)	0.0018 J	0.0018 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Refusal)	0.00025 J	0.00025 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Surface)	0.0012 J	0.0012 U	mg/Kg
				T1-19/10/06-SE-MB-27(Surface)	0.0015 J	0.0015 U	mg/Kg
				T1-19/10/06-SE-MB-27(Mid)	0.00085 J	0.00085 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/27/06	Toluene	0.0007	T1-19/10/06-SE-MB-27(Refusal)	0.0010 J	0.0010 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Mid)	0.00019 J	0.00019 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Refusal)	0.00033 J	0.00033 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Surface)	0.0013 J	0.0013 U	mg/Kg
VOCs	10/26/06	Carbon disulfide	0.0002	T1-18/10/06-SE-MB-12(Surface)	0.00046 J	0.00046 U	mg/Kg
VOCs	10/26/06	Cyclohexane	0.0004	T1-18/10/06-SE-MB-5(Surface)	0.00031 J	0.00031 U	mg/Kg
				T1-18/10/06-SE-MB-7(Surface)	0.0011 J	0.0011 U	mg/Kg
VOCs	10/26/06	Toluene	0.0005	T1-18/10/06-SE-MB-5(Surface)	0.00040 J	0.00040 U	mg/Kg
				T1-18/10/06-SE-MB-7(Surface)	0.0022 J	0.0022 U	mg/Kg
				T1-18/10/06-SE-MB-8(Surface)	0.00068 J	0.00068 U	mg/Kg
				T1-18/10/06-SE-MB-12(Surface)	0.00064 J	0.00064 U	mg/Kg
VOCs	10/23/06	Trifluorotrichloroethane	0.2J	T1-18/10/06-SE-MB-15(Surface)	0.0016 J	0.0016 U	mg/Kg
				T1-18/10/06-SE-MB-16(Surface)	0.00065 J	0.00065 U	mg/Kg
				T1-18/10/06-SE-MB-17(Surface)	0.00045 U	0.00045 U	mg/Kg
VOCs	10/23/06	Carbon disulfide	0.09J	T1-18/10/06-SE-MB-15(Surface)	0.012 J	0.012 U	mg/Kg
				T1-18/10/06-SE-MB-16(Surface)	0.012 J	0.012 U	mg/Kg
				T1-18/10/06-SE-MB-17(Surface)	0.014 J	0.014 U	mg/Kg
VOCs	10/23/06	Toluene	0.09J	T1-18/10/06-SE-MB-15(Surface)	0.0016 J	0.0016 U	mg/Kg
				T1-18/10/06-SE-MB-16(Surface)	0.0011 J	0.0011 U	mg/Kg
				T1-18/10/06-SE-MB-17(Surface)	0.00085 J	0.00085 U	mg/Kg
VOCs	10/26/06	Carbon disulfide	0.2J	T1-18/10/06-SE-MB-13(Surface)	0.0017 J	0.0017 U	mg/Kg
VOCs	10/26/06	Toluene	0.5J	T1-18/10/06-SE-MB-13(Surface)	0.0015 J	0.0015 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/31/06	Cyclohexane	0.6J	T1-19/10/06-SE-JC-2(Surface)	0.00063 J	0.00063 U	mg/Kg
				T1-19/10/06-SE-JC-3(Refusal)	0.00016 J	0.00016 U	mg/Kg
				T1-19/10/06-SE-JC-3(Surface)	0.00028 J	0.00028 U	mg/Kg
				T1-19/10/06-SE-SLC-8(Mid)	0.00019 J	0.00019 U	mg/Kg
VOCs	10/31/06	Toluene	0.5J	T1-19/10/06-SE-JC-2(Mid)	0.00086 J	0.00086 U	mg/Kg
				T1-19/10/06-SE-JC-2(Refusal)	0.00097 J	0.00097 U	mg/Kg
				T1-19/10/06-SE-JC-2(Surface)	0.0011 J	0.0011 U	mg/Kg
				T1-19/10/06-SE-JC-3(Mid)	0.00036 J	0.00036 U	mg/Kg
				T1-19/10/06-SE-JC-3(Refusal)	0.00043 J	0.00043 U	mg/Kg
				T1-19/10/06-SE-JC-3(Surface)	0.00059 J	0.00059 U	mg/Kg
				T1-19/10/06-SE-SLC-8(Mid)	0.00042 J	0.00042 U	mg/Kg
				T1-19/10/06-SE-SLC-8(Refusal)	0.00050 J	0.00050 U	mg/Kg
				T1-19/10/06-SE-SLC-8(Surface)	0.00037 J	0.00037 U	mg/Kg
VOCs	10/31/06	Ethylbenzene	0.06J	T1-19/10/06-SE-JC-2(Mid)	0.040	0.040 U	mg/Kg
				T1-19/10/06-SE-JC-2(Refusal)	0.050	0.050 U	mg/Kg
				T1-19/10/06-SE-JC-2(Surface)	0.0092 J	0.0092 U	mg/Kg
				T1-19/10/06-SE-SLC-8(Surface)	0.00010 J	0.00010 U	mg/Kg
VOCs	10/23/06	Carbon disulfide	0.00009	T1-18/10/06-SE-SLC-7(Mid)	0.00030 J	0.00030 U	mg/Kg
				T1-18/10/06-SE-SLC-7(Refusal)	0.00050 J	0.00050 U	mg/Kg
VOCs	10/23/06	Toluene	0.00009	T1-18/10/06-SE-MB-9(Surface)	0.00049 J	0.00049 U	mg/Kg
				T1-18/10/06-SE-SLC-7(Mid)	0.00029 J	0.00029 U	mg/Kg
				T1-18/10/06-SE-SLC-7(Refusal)	0.00047 J	0.00047 U	mg/Kg
				T1-18/10/06-SE-SLC-7(Surface)	0.00043 J	0.00043 U	mg/Kg
VOCs	10/31/06	Cyclohexane	0.0006	T1-19/10/06-SE-JC-4(Mid)	0.00023 J	0.00023 U	mg/Kg
				T1-19/10/06-SE-JC-4(Surface)	0.00035 J	0.00035 U	mg/Kg
				T1-19/10/06-SE-JC-5(Mid)	0.0038 J	0.0038 U	mg/Kg
VOCs	10/31/06	Ethylbenzene	0.00009	T1-19/10/06-SE-JC-4(Mid)	0.00016 J	0.00016 U	mg/Kg
				T1-19/10/06-SE-JC-4(Refusal)	0.00027 J	0.00027 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
VOCs	10/31/06	m&p-Xylene	0.0002	T1-19/10/06-SE-JC-4(Mid)	0.0011 J	0.0011 U	mg/Kg
				T1-19/10/06-SE-JC-4(Surface)	0.00026 J	0.00026 U	mg/Kg
VOCs	10/31/06	Toluene	0.002	T1-19/10/06-SE-JC-4(Mid)	0.00037 J	0.00037 U	mg/Kg
				T1-19/10/06-SE-JC-4(Refusal)	0.00027 J	0.00027 U	mg/Kg
				T1-19/10/06-SE-JC-4(Surface)	0.00038 J	0.00038 U	mg/Kg
				T1-19/10/06-SE-JC-5(Mid)	0.0031 J	0.0031 U	mg/Kg
VOCs	11/01/06	1,2,4-Trichlorobenzene	0.0003	T1-19/10/06-SE-JC-5(Surface)	0.00052 J	0.00052 U	mg/Kg
				T1-19/10/06-SE-JC-6(Mid)	0.00036 J	0.00036 U	mg/Kg
VOCs	11/01/06	Cyclohexane	0.0005	T1-19/10/06-SE-JC-6(Mid)	0.00031 J	0.00031 U	mg/Kg
				T1-19/10/06-SE-JC-6(Surface)	0.00057 J	0.00057 U	mg/Kg
				T1-19/10/06-SE-JC-7(Mid)	0.00014 J	0.00014 U	mg/Kg
VOCs	11/01/06	Ethylbenzene	0.00007	T1-19/10/06-SE-JC-6(Surface)	0.00026 J	0.00026 U	mg/Kg
				T1-19/10/06-SE-JC-7(Refusal)	0.00030 J	0.00030 U	mg/Kg
VOCs	11/01/06	Toluene	0.0006	T1-19/10/06-SE-JC-5(Refusal)	0.0019 J	0.0019 U	mg/Kg
				T1-19/10/06-SE-JC-5(Surface)	0.00028 J	0.00028 U	mg/Kg
				T1-19/10/06-SE-JC-6(Mid)	0.00024 J	0.00024 U	mg/Kg
				T1-19/10/06-SE-JC-6(Refusal)	0.00013 J	0.00013 U	mg/Kg
				T1-19/10/06-SE-JC-6(Surface)	0.00050 J	0.00050 U	mg/Kg
				T1-19/10/06-SE-JC-7(Mid)	0.0016 J	0.0016 U	mg/Kg
				T1-19/10/06-SE-JC-7(Refusal)	0.00074 J	0.00074 U	mg/Kg
Metals	10/31/06	Selenium	0.000514 J	T1-18/10/06-SW-SLC-8	0.0019 J	0.0019 U	mg/L
Metals	10/28/06	Sodium	96.9	T1-18/10/06-SE-SLC-9(Surface)	430	430 U	mg/Kg
			65.1	T1-18/10/06-SE-SLC-9(Mid)	146	146 U	mg/Kg
			67.3	T1-18/10/06-SE-SLC-9(Refusal)	152	152 U	mg/Kg
			154	T1-19/10/06-SO-JC-9(0-2)	264 J	264 U	mg/Kg
			98.3	T1-19/10/06-SO-JC-10(0-2)	287	287 U	mg/Kg
			72.5	T1-19/10/06-SO-JC-11(0-2)	157	157 U	mg/Kg
			78.6	T1-19/10/06-SE-JC-3(Mid)	344	344 U	mg/Kg

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
Metals	10/28/06	Sodium	73.8	T1-19/10/06-SE-JC-3(Refusal)	287	287 U	mg/Kg
			83.8	T1-19/10/06-SE-JC-4(Surface)	353	353 U	mg/Kg
			72.4	T1-19/10/06-SE-JC-7(Mid)	296	296 U	mg/Kg
Metals	10/28/06	Chromium Total	0.00094 J	T1-18/10/06-SW-JC-1	0.0045 J	0.0045 U	mg/L
				T1-18/10/06-SW-MB-18	0.0042 J	0.0042 U	mg/L
				T1-18/10/06-SW-MB-24	0.0029 J	0.0029 U	mg/L
Metals	10/19/06	Cobalt	0.0018 J	T1-12/10/06-SW-SLC-1	0.0023 J	0.0023 U	mg/L
				T1-13/10/06-SW-MB-1	0.0025 J	0.0025 U	mg/L
				T1-13/10/06-SW-SLC-3	0.0025 J	0.0025 U	mg/L
				T1-13/10/06-SW-SLC-4	0.0025 J	0.0025 U	mg/L
				T1-13/10/06-SW-MB-4	0.0034 J	0.0034 U	mg/L
				T1-13/10/06-SW-SLC-5	0.0035 J	0.0035 U	mg/L
Metals	10/19/06	Manganese (Dissolved)	0.00038 J	T1-13/10/06-SW-MB-1	0.00044 J	0.00044 U	mg/L
Metals	10/18/06	Copper	0.180 J	T1-12/10/06-SE-SLC-1(Surface)	0.519 J	0.519 U	mg/Kg
Metals	10/20/06	Mercury	0.026 J	T1-17/10/06-SE-MB-25(Surface)	0.0546 J	0.0546 U	mg/Kg
			0.034 J	T1-17/10/06-SE-MB-24(Mid)	0.0840 J	0.0840 U	mg/Kg
			0.033 J	T1-17/10/06-SE-MB-24(Refusal)	0.0774 J	0.0774 U	mg/Kg
			0.020 J	T1-17/10/06-SE-MB-35(Surface)	0.0471 J	0.0471 U	mg/Kg
			0.019 J	T1-17/10/06-SE-MB-31(Surface)	0.0615 J	0.0615 U	mg/Kg
			0.016 J	T1-17/10/06-SE-MB-33(Surface)	0.0517 J	0.0517 U	mg/Kg
Metals	10/26/06	Silver	0.159 J	T1-17/10/06-SE-GSUC-1(Refusal)	0.573 J	0.573 U	mg/Kg
			0.238 J	T1-17/10/06-SE-GSUC-2(Surface)	0.898 J	0.898 U	mg/Kg
			0.202 J	T1-17/10/06-SE-GSUC-3(Surface)	0.732 J	0.732 U	mg/Kg
Metals	10/19/06	Thallium	1.44 J	T1-13/10/06-SE-MB-1(Surface)	3.57 J	3.57 U	mg/Kg
AVS/SEM Metals	10/31/06	Copper	0.0036	T1-19/10/06-SE-MB-27(Surface)	0.00564 J	0.00564 U	umol/g

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE LABORATORY BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analysis Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Result*	*Units*
AVS/SEM Metals	10/27/06	Copper	0.003	T1-17/10/06-SE-MB-25(Surface)	0.00549 J	0.00549 U	umol/g
			0.002	T1-17/10/06-SE-MB-35(Surface)	0.00546 J	0.00546 U	umol/g
			0.002	T1-17/10/06-SE-MB-31(Surface)	0.00208 J	0.00208 U	umol/g
			0.002	T1-17/10/06-SE-MB-33(Surface)	0.00266 J	0.00266 U	umol/g
			0.0034	T1-18/10/06-SE-MB-17(Surface)	0.00396 J	0.00396 U	umol/g

Notes:
[1] Blank results reflect individual sample volumes/dry weights and dilutions.
AVS Acid Volatile Sulfide.
J Estimated.
SEM Simultaneously Extracted Metals.
U Non-detect at associated value.
VOCs Volatile Organic Compounds.

TABLE 10

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits %Rec*	*Control Limits %RPD*	*Sample Results*	*Units*	*Qualifier*
VOCs	Methyl acetate	10/22/06	T1-17/10/06-SE-GSUC-1(Refusal)	150	NA	NA	59-139	NA	0.0021 J	mg/kg	J
SVOCs	Benzaldehyde	10/19/06	T1-12/10/06-SE-SLC-1(Surface)	6	5	NA	10-46	NA	0.015 U	mg/kg	R
			T1-12/10/06-SE-SLC-1(Mid)	6	5	NA	10-46	NA	0.015 U	mg/kg	R
			T1-12/10/06-SE-SLC-1(Refusal)	6	5	NA	10-46	NA	0.016 U	mg/kg	R
			T1-12/10/06-SE-SLC-2(Surface)	6	5	NA	10-46	NA	0.066 U	mg/kg	R
			T1-12/10/06-SE-SLC-2(Mid)	6	5	NA	10-46	NA	0.042 U	mg/kg	R
			T1-12/10/06-SE-SLC-2(Refusal)	6	5	NA	10-46	NA	0.053 U	mg/kg	R
SVOCs	Benzaldehyde	10/20/06	T1-17/10/06-SE-GSUC-1(Surface)	6	8	NA	10-46	NA	0.051 U	mg/kg	R
			T1-17/10/06-SE-GSUC-1(Mid)	6	8	NA	10-46	NA	0.036 U	mg/kg	R
			T1-17/10/06-SE-GSUC-1(Refusal)	6	8	NA	10-46	NA	0.029 U	mg/kg	R
			T1-17/10/06-SE-GSUC-2(Surface)	6	8	NA	10-46	NA	0.099 U	mg/kg	R
			T1-17/10/06-SE-GSUC-2(Mid)	6	8	NA	10-46	NA	0.036 U	mg/kg	R
			T1-17/10/06-SE-GSUC-2(Refusal)	6	8	NA	10-46	NA	0.028 U	mg/kg	R
			T1-17/10/06-SE-MB-32(Surface)	6	8	NA	10-46	NA	0.032 U	mg/kg	R
			T1-17/10/06-SE-MB-28(Surface)	6	8	NA	10-46	NA	0.060 U	mg/kg	R
			T1-17/10/06-SE-MB-28(Mid)	6	8	NA	10-46	NA	0.076 U	mg/kg	R
			T1-17/10/06-SE-MB-28(Refusal)	6	8	NA	10-46	NA	0.072 U	mg/kg	R
			T1-17/10/06-SE-MB-30(Surface)	6	8	NA	10-46	NA	0.056 U	mg/kg	R
			T1-17/10/06-SE-MB-34(Surface)	6	8	NA	10-46	NA	0.087 U	mg/kg	R
			T1-17/10/06-SE-GSUC-3(Surface)	6	8	NA	10-46	NA	0.037 U	mg/kg	R
			T1-17/10/06-SE-GSUC-3(Mid)	6	8	NA	10-46	NA	0.046 U	mg/kg	R
			T1-17/10/06-SE-GSUC-3(Refusal)	6	8	NA	10-46	NA	0.037 U	mg/kg	R
SVOCs	Benzaldehyde	10/23/06	T1-13/10/06-SE-MB-1(Surface)	6	5	NA	10-46	NA	0.025 U	mg/kg	R
			T1-13/10/06-SE-MB-1(Mid)	6	5	NA	10-46	NA	0.033 U	mg/kg	R
			T1-13/10/06-SE-MB-1(Refusal)	6	5	NA	10-46	NA	0.029 U	mg/kg	R
			T1-13/10/06-SE-MB-2(Surface)	6	5	NA	10-46	NA	0.023 U	mg/kg	R
			T1-13/10/06-SE-SLC-4(Surface)	6	5	NA	10-46	NA	0.10 U	mg/kg	R
			T1-13/10/06-SE-SLC-4(Mid)	6	5	NA	10-46	NA	0.071 U	mg/kg	R
			T1-13/10/06-SE-SLC-4(Refusal)	6	5	NA	10-46	NA	0.12 U	mg/kg	R
			T1-13/10/06-SE-SLC-5(Surface)	6	5	NA	10-46	NA	0.035 U	mg/kg	R
			T1-13/10/06-SE-SLC-5(Mid)	6	5	NA	10-46	NA	0.055 U	mg/kg	R
			T1-13/10/06-SE-SLC-5(Refusal)	6	5	NA	10-46	NA	0.038 U	mg/kg	R
			T1-13/10/06-SE-MB-4(Surface)	6	5	NA	10-46	NA	0.037 U	mg/kg	R
			T1-13/10/06-SE-MB-3(Surface)	6	5	NA	10-46	NA	0.043 U	mg/kg	R
			T1-18/10/06-SE-SLC-7(Surface)	6	5	NA	10-46	NA	0.018 U	mg/kg	R

TABLE 10

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits %Rec*	*Control Limits %RPD*	*Sample Results*	*Units*	*Qualifier*
SVOCs	Benzaldehyde	10/24/06	T1-18/10/06-SE-JC-1(Surface)	3	NA	NA	10-46	NA	0.025 U	mg/kg	R
			T1-18/10/06-SE-JC-1(Mid)	3	NA	NA	10-46	NA	0.017 U	mg/kg	R
			T1-18/10/06-SE-JC-1(Refusal)	3	NA	NA	10-46	NA	0.017 U	mg/kg	R
			T1-18/10/06-SE-SLC-9(Surface)	3	NA	NA	10-46	NA	0.093 J	mg/kg	J
			T1-18/10/06-SE-SLC-9(Mid)	3	NA	NA	10-46	NA	0.016 U	mg/kg	R
			T1-18/10/06-SE-SLC-9(Refusal)	3	NA	NA	10-46	NA	0.016 U	mg/kg	R
			T1-18/10/06-SE-MB-6(Surface)	3	NA	NA	10-46	NA	0.064 J	mg/kg	J
			T1-18/10/06-SE-MB-10(Surface)	3	NA	NA	10-46	NA	0.049 U	mg/kg	R
			T1-18/10/06-SE-MB-11(Surface)	3	NA	NA	10-46	NA	0.042 J	mg/kg	J
			T1-19/10/06-SE-SLC-3(Surface)	3	NA	NA	10-46	NA	0.047 J	mg/kg	J
			T1-19/10/06-SE-SLC-3(Mid)	3	NA	NA	10-46	NA	0.024 U	mg/kg	R
			T1-19/10/06-SE-SLC-3(Refusal)	3	NA	NA	10-46	NA	0.025 U	mg/kg	R
			T1-19/10/06-SE-MB-27(Surface)	3	NA	NA	10-46	NA	0.039 U	mg/kg	R
			T1-19/10/06-SE-MB-27(Mid)	3	NA	NA	10-46	NA	0.037 J	mg/kg	J
			T1-19/10/06-SE-MB-27(Refusal)	3	NA	NA	10-46	NA	0.026 U	mg/kg	R
			T1-19/10/06-SE-SLC-6(Mid)	3	NA	NA	10-46	NA	0.026 U	mg/kg	R
			T1-19/10/06-SE-SLC-6(Surface)	3	NA	NA	10-46	NA	0.027 U	mg/kg	R
PAHs	Anthracene	10/25/06	T1-18/10/06-SE-MB-5(Surface)	55	NA	NA	60-111	NA	0.003 J	mg/kg	J
			T1-18/10/06-SE-MB-7(Surface)						0.010	mg/kg	J
			T1-18/10/06-SE-MB-8(Surface)						0.058	mg/kg	J
			T1-18/10/06-SE-MB-12(Surface)						0.049	mg/kg	J
PAHs	Benzo(a)pyrene	10/25/06	T1-18/10/06-SE-MB-5(Surface)	54	NA	NA	59-118	NA	0.003 J	mg/kg	J
			T1-18/10/06-SE-MB-7(Surface)						0.011	mg/kg	J
			T1-18/10/06-SE-MB-8(Surface)						0.039	mg/kg	J
			T1-18/10/06-SE-MB-12(Surface)						0.040	mg/kg	J
PAHs	Benzo(g,h,i)perylene	10/18/06	T1-12/10/06-SW-SLC-1	67	60	11	74-117	30	0.00005 U	mg/L	UJ
			T1-12/10/06-SW-SLC-2						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-MB-1						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-SLC-3						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-SLC-4						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-MB-4						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-MB-6						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-SLC-5						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-MB-27						0.00005 U	mg/L	UJ
			T1-13/10/06-SW-SLC-7						0.00005 U	mg/L	UJ

TABLE 10

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits %Rec*	*Control Limits %RPD*	*Sample Results*	*Units*	*Qualifier*
PAHs	Benzo(g,h,i)perylene	10/19/06	T1-17/10/06-SE-MB-21(Surface)	127	NA	NA	70-122	NA	2.5	mg/kg	J
			T1-17/10/06-SE-MB-21(Mid)						0.48	mg/kg	J
			T1-17/10/06-SE-MB-21(Refusal)						0.037	mg/kg	J
			T1-17/10/06-SE-MB-22(Surface)						0.006 J	mg/kg	J
			T1-17/10/06-SE-MB-18(Surface)						0.47	mg/kg	J
			T1-17/10/06-SE-MB-18(Mid)						3.3	mg/kg	J
			T1-17/10/06-SE-MB-18(Refusal)						5.7	mg/kg	J
			T1-17/10/06-SE-MB-29(Surface)						0.15	mg/kg	J
			T1-17/10/06-SE-MB-23(Surface)						0.14	mg/kg	J
			T1-17/10/06-SE-MB-25(Surface)						0.007	mg/kg	J
			T1-17/10/06-SE-MB-24(Surface)						0.22	mg/kg	J
			T1-17/10/06-SE-MB-24(Mid)						0.031	mg/kg	J
			T1-17/10/06-SE-MB-24(Refusal)						0.028	mg/kg	J
			T1-17/10/06-SE-MB-26(Surface)						0.25	mg/kg	J
			T1-17/10/06-SE-MB-35(Surface)						0.005	mg/kg	J
			T1-17/10/06-SE-MB-31(Surface)						0.002 J	mg/kg	J
PAHs	Indeno(1,2,3-cd)pyrene	10/19/06	T1-17/10/06-SE-MB-21(Surface)	126	NA	NA	71-125	NA	2.0	mg/kg	J
			T1-17/10/06-SE-MB-21(Mid)						0.23	mg/kg	J
			T1-17/10/06-SE-MB-21(Refusal)						0.027	mg/kg	J
			T1-17/10/06-SE-MB-22(Surface)						0.005 J	mg/kg	J
			T1-17/10/06-SE-MB-18(Surface)						0.48	mg/kg	J
			T1-17/10/06-SE-MB-18(Mid)						2.6	mg/kg	J
			T1-17/10/06-SE-MB-18(Refusal)						5.1	mg/kg	J
			T1-17/10/06-SE-MB-29(Surface)						0.090	mg/kg	J
			T1-17/10/06-SE-MB-23(Surface)						0.10	mg/kg	J
			T1-17/10/06-SE-MB-25(Surface)						0.005 J	mg/kg	J
			T1-17/10/06-SE-MB-24(Surface)						0.17	mg/kg	J
			T1-17/10/06-SE-MB-24(Mid)						0.024	mg/kg	J
			T1-17/10/06-SE-MB-24(Refusal)						0.024	mg/kg	J
			T1-17/10/06-SE-MB-26(Surface)						0.28	mg/kg	J
			T1-17/10/06-SE-MB-35(Surface)						0.003 J	mg/kg	J

Notes:
J Estimated.
LCS Laboratory Control Sample.
LCSD Laboratory Control Sample Duplicate.
PAHs Polynuclear Aromatic Hydrocarbons.
R Rejected.
SVOCs Semi-volatile Organic Compounds.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
VOCs	T1-17/10/06-SE-MB-29(Surface)	cis-1,3-Dichloropropene	50	49	NA	56-112	NA	0.00082 U	mg/kg	UJ
VOCs	T1-19/10/06-SO-JC-9(0-2)	Methyl acetate	6	3	67	42-136	30	0.0018 U	mg/kg	R
VOCs	T1-19/10/06-SO-JC-9(0-2)	1,1,2,2-Tetrachloroethane	2	2	NA	37-142	NA	0.00070 U	mg/kg	R
VOCs	T1-18/10/06-SE-JC-1(Surface)	1,2,4-Trichlorobenzene	86	54	46	7-121	30	0.0011 J	mg/kg	J
VOCs	T1-18/10/06-SE-SLC-7(Surface)	o-Xylene	52	72	32	44-127	30	0.0024 J	mg/kg	J
		Isopropylbenzene	43	74	53	41-120	30	0.00022 J	mg/kg	J
VOCs	T1-19/10/06-SE-JC-6(Mid)	Carbon disulfide	59	81	31	45-107	30	0.00075 J	mg/kg	J
		Isopropylbenzene	65	89	31	41-120	30	0.00091 J	mg/kg	J
VOCs	T1-13/10/06-SW-SLC-7	Vinyl chloride	65	NA	NA	67-142	NA	0.00008 U	mg/L	UJ
SVOCs	T1-18/10/06-SW-JC-1	Benzaldehyde	14	5	NA	10-47	NA	0.00021 U	mg/L	R
SVOCs	T1-18/10/06-SE-MB-17(Surface)	Hexachlorocyclopentadiene	6	4	NA	10-175	NA	0.43 U	mg/kg	R
SVOCs	T1-18/10/06-SE-SLC-7(Surface)	Hexachlorocyclopentadiene	0	0	NA	10-175	NA	0.16 U	mg/kg	R
SVOCs	T1-18/10/06-SE-MB-5(Surface)	Hexachlorocyclopentadiene	5	2	NA	10-175	NA	0.25 U	mg/kg	R
PAHs	T1-17/10/06-SE-MB-29(Surface)	Anthracene	9	19	71	55 - 118	30	0.23	mg/kg	J
		Benzo(b)fluoranthene	60	92	42	8 - 170	30	0.28	mg/kg	J
		Fluoranthene	24	51	72	49 - 125	30	0.35	mg/kg	J
		Acenaphthylene	36	92	88	48 - 126	30	0.62	mg/kg	J
		Acenaphthene	40	46	NA	62 - 119	NA	0.11	mg/kg	J
PAHs	T1-17/10/06-SE-MB-32(Surface)	Benzo(a)pyrene	66	68	NA	69 - 106	NA	0.008	mg/kg	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
PAHs	T1-18/10/06-SE-SLC-7(Surface)	Benzo(b)fluoranthene	0	0	NA	8 - 170	NA	0.14	mg/kg	J
		Fluoranthene	0	101	NA	49 - 125	NA	0.17	mg/kg	J
		Chrysene	0	11	NA	70 - 107	NA	0.12	mg/kg	J
		Benzo(a)pyrene	47	54	NA	69 - 106	NA	0.079	mg/kg	J
		Phenanthrene	0	271	NA	31 - 160	NA	0.17	mg/kg	J
		Naphthalene	42	898	182	54 - 121	30	0.13	mg/kg	J
		2-Methylnaphthalene	74	244	107	70 - 130	30	0.030	mg/kg	J
PAHs	T1-18/10/06-SE-JC-1(Surface)	Benzo(g,h,i)perylene	0	0	NA	46 - 122	NA	0.13	mg/kg	J
		Indeno(1,2,3-cd)pyrene	0	0	NA	50 - 123	NA	0.12	mg/kg	J
		Benzo(k)fluoranthene	14	29	70	55 - 125	30	0.053	mg/kg	J
		Phenanthrene	0	0	NA	31 - 160	NA	0.11	mg/kg	J
		2-Methylnaphthalene	0	4	NA	70 - 130	NA	0.052	mg/kg	J
PAHs	T1-19/10/06-SE-SLC-6(Surface)	Fluoranthene	11619	4168	94	49 - 125	30	4.1	mg/kg	J
		Benzo(k)fluoranthene	0	0	NA	55 - 125	NA	0.018 U	mg/kg	R
		Acenaphthene	330	226	37	62 - 119	30	0.10	mg/kg	J
		Phenanthrene	4487	517	159	31 - 160	30	0.29	mg/kg	J
		Fluorene	5522	1015	138	62 - 119	30	0.40	mg/kg	J
		Naphthalene	147	187	NA	54 - 121	NA	0.054	mg/kg	J
		2-Methylnaphthalene	266	281	NA	70 - 130	NA	0.11	mg/kg	J
Pesticides	T1-18/10/06-SW-SLC-8	Heptachlor epoxide	71	72	NA	74-125	NA	0.0000080 U	mg/L	UJ
		delta-BHC	39	40	NA	65-131	NA	0.0000080 U	mg/L	UJ
		4,4'-DDT	44	44	NA	56-145	NA	0.0000060 U	mg/L	UJ
		Dieldrin	70	70	NA	78-122	NA	0.0000040 U	mg/L	UJ
Pesticides	T1-18/10/06-SW-JC-1	Heptachlor epoxide	72	73	NA	74-125	NA	0.0000080 U	mg/L	UJ
		Aldrin	50	51	NA	62-117	NA	0.0000040 U	mg/L	UJ
		alpha-BHC	51	51	NA	74-121	NA	0.0000027 U	mg/L	UJ
		beta-BHC	46	48	NA	65-131	NA	0.0000080 U	mg/L	UJ
		4,4'-DDT	46	45	NA	56-145	NA	0.0000060 U	mg/L	UJ
		Dieldrin	72	72	NA	78-122	NA	0.0000061 J	mg/L	J
		Endrin aldehyde	63	68	NA	67-124	NA	0.000020 U	mg/L	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Pesticides	T1-17/10/06-SE-MB-29(Surface)	Endrin aldehyde	62	62	NA	63-125	NA	0.0017 U	mg/Kg	UJ
		Heptachlor	68	46	39	70-138	35	0.00087 U	mg/Kg	UJ
Pesticides	T1-17/10/06-SE-MB-32(Surface)	Endosulfan sulfate	59	61	NA	65-154	NA	0.00086 U	mg/Kg	UJ
		Methoxychlor	70	75	NA	74-162	NA	0.0044 U	mg/Kg	UJ
		Endrin aldehyde	47	45	NA	63-125	NA	0.00086 U	mg/Kg	UJ
Pesticides	T1-18/10/06-SE-MB-17(Surface)	4,4'-DDT	44	43	NA	62-166	NA	0.0013 U	mg/Kg	UJ
		Methoxychlor	50	48	NA	76-162	NA	0.0069 U	mg/Kg	UJ
		Endrin aldehyde	60	63	NA	63-125	NA	0.0013 U	mg/Kg	UJ
TPH	T1-13/10/06-SE-MB-3(Surface)	TPH (C6-C12)	49	67	32	75-125	20	38 U	mg/kg	UJ
	T1-13/10/06-SE-MB-3(Surface)	TPH (C6-C35)	49	65	27	75-125	20	38 U	mg/kg	UJ
	T1-13/10/06-SE-MB-3(Surface)	TPH (>C12-C28)	50	62	21	75-125	20	38 U	mg/kg	UJ
	T1-13/10/06-SE-MB-3(Surface)	TPH (>C28-C35)						38 U	mg/kg	UJ
TPH	T1-17/10/06-SE-MB-32(Surface)	TPH (C6-C12)	66	63	NA	75-125	NA	52 U	mg/kg	UJ
	T1-17/10/06-SE-MB-32(Surface)	TPH (C6-C35)	64	66	NA	75-125	NA	52 U	mg/kg	UJ
	T1-17/10/06-SE-MB-32(Surface)	TPH (>C12-C28)	61	69	NA	75-125	NA	52 U	mg/kg	UJ
	T1-17/10/06-SE-MB-32(Surface)	TPH (>C28-C35)						52 U	mg/kg	UJ
TPH	T1-18/10/06-SW-JC-1	TPH (>C12-C28)	73	74	NA	75-125	NA	1.8 U	mg/L	UJ
TPH	T1-18/10/06-SE-MB-17(Surface)	TPH (C6-C12)	73	63	NA	75-125	NA	81 U	mg/kg	UJ
	T1-18/10/06-SE-MB-17(Surface)	TPH (C6-C35)	71	61	NA	75-125	NA	81 U	mg/kg	UJ
	T1-18/10/06-SE-MB-17(Surface)	TPH (>C12-C28)	68	58	NA	75-125	NA	81 U	mg/kg	UJ
	T1-18/10/06-SE-MB-17(Surface)	TPH (>C28-C35)						81 U	mg/kg	UJ
TPH	T1-18/10/06-SE-MB-5(Surface)	TPH (>C12-C28)	67	71	NA	75-125	NA	61	mg/kg	J
TPH	T1-18/10/06-SE-JC-1(Surface)	TPH (C6-C35)	60	61	NA	75-125	NA	230	mg/kg	J
	T1-18/10/06-SE-JC-1(Surface)	TPH (>C12-C28)	45	46	NA	75-125	NA	150	mg/kg	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
TPH	T1-19/10/06-SO-JC-8(0-2)	TPH (C6-C12)	65	61	NA	75-125	NA	27 U	mg/kg	UJ
	T1-19/10/06-SO-JC-8(0-2)	TPH (C6-C35)	59	58	NA	75-125	NA	150	mg/kg	J
	T1-19/10/06-SO-JC-8(0-2)	TPH (>C12-C28)	54	54	NA	75-125	NA	120	mg/kg	J
	T1-19/10/06-SO-JC-8(0-2)	TPH (>C28-C35)						28	mg/kg	J
Metals	T1-12/10/06-SW-SLC-1	Aluminum	137	126	NA	75-125	NA	1.59	mg/L	J
	T1-12/10/06-SW-SLC-2							0.506	mg/L	J
	T1-13/10/06-SW-MB-1							5.54	mg/L	J
	T1-13/10/06-SW-SLC-3							4.75	mg/L	J
	T1-13/10/06-SW-SLC-4							2.75	mg/L	J
	T1-13/10/06-SW-MB-4							15.1	mg/L	J
	T1-13/10/06-SW-MB-6							4.35	mg/L	J
	T1-13/10/06-SW-SLC-5							4.94	mg/L	J
	T1-13/10/06-SW-MB-27							1.52	mg/L	J
	T1-13/10/06-SW-SLC-7							0.583	mg/L	J
Metals	T1-18/10/06-SW-MB-10	Aluminum	175	194	NA	75-125	NA	0.588	mg/L	J
	T1-18/10/06-SW-JC-1							2.65	mg/L	J
	T1-18/10/06-SW-MB-18							0.775	mg/L	J
	T1-18/10/06-SW-MB-13							0.255	mg/L	J
	T1-18/10/06-SW-MB-14							0.597	mg/L	J
	T1-18/10/06-SW-MB-21							0.233	mg/L	J
	T1-18/10/06-SW-SLC-8							0.216	mg/L	J
	T1-18/10/06-SW-MB-24							0.925	mg/L	J
	T1-18/10/06-SW-MB-28							0.431	mg/L	J
	T1-18/10/06-SW-MB-29							0.387	mg/L	J
Metals	T1-18/10/06-SW-MB-10	Iron	128	147	NA	75-125	NA	0.933	mg/L	J
	T1-18/10/06-SW-JC-1							1.86	mg/L	J
	T1-18/10/06-SW-MB-18							1.15	mg/L	J
	T1-18/10/06-SW-MB-13							0.388	mg/L	J
	T1-18/10/06-SW-MB-14							1.12	mg/L	J
	T1-18/10/06-SW-MB-21							0.539	mg/L	J
	T1-18/10/06-SW-SLC-8							0.375	mg/L	J
	T1-18/10/06-SW-MB-24							1.21	mg/L	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-18/10/06-SW-MB-28							0.540	mg/L	J
	T1-18/10/06-SW-MB-29							0.667	mg/L	J
Metals	T1-18/10/06-SW-JC-1	Mercury	96	62	30	80-120	20	0.00031	mg/L	J
Metals	T1-18/10/06-SE-JC-1(Surface)	Antimony	36	37	NA	75-125	NA	1.75 U	mg/kg	UJ
	T1-18/10/06-SE-JC-1(Mid)							1.17 U	mg/kg	UJ
	T1-18/10/06-SE-JC-1(Refusal)							1.25 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-9(Surface)							1.71 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-9(Mid)							1.14 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-9(Refusal)							1.16 U	mg/kg	UJ
	T1-18/10/06-SE-MB-6(Surface)							3.20 U	mg/kg	UJ
	T1-18/10/06-SE-MB-10(Surface)							3.61 U	mg/kg	UJ
	T1-18/10/06-SE-MB-11(Surface)							2.66 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-3(Surface)							2.16 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-3(Mid)							1.70 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-3(Refusal)							1.78 U	mg/kg	UJ
	T1-19/10/06-SE-MB-27(Surface)							2.85 U	mg/kg	UJ
	T1-19/10/06-SE-MB-27(Mid)							2.29 U	mg/kg	UJ
	T1-19/10/06-SE-MB-27(Refusal)							1.92 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-6(Mid)							1.87 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-6(Surface)							1.95 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-6(Refusal)							2.89 U	mg/kg	UJ
Metals	T1-19/10/06-SO-JC-8(0-2)	Antimony	37	41	NA	75-125	NA	1.23 U	mg/kg	UJ
	T1-19/10/06-SO-JC-9(0-2)							2.76 U	mg/kg	UJ
	T1-19/10/06-SO-JC-10(0-2)							1.74 U	mg/kg	UJ
	T1-19/10/06-SO-JC-11(0-2)							1.27 U	mg/kg	UJ
Metals	T1-19/10/06-SE-SLC-8(Surface)	Antimony	47	47	NA	75-125	NA	1.27 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-8(Mid)							1.19 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-8(Refusal)							1.37 U	mg/kg	UJ
	T1-19/10/06-SE-JC-2(Surface)							2.20 U	mg/kg	UJ
	T1-19/10/06-SE-JC-2(Mid)							1.31 U	mg/kg	UJ
	T1-19/10/06-SE-JC-2(Refusal)							1.29 U	mg/kg	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-19/10/06-SE-JC-3(Surface)							1.38 U	mg/kg	UJ
	T1-19/10/06-SE-JC-3(Mid)							1.38 U	mg/kg	UJ
	T1-19/10/06-SE-JC-3(Refusal)							1.30 U	mg/kg	UJ
	T1-19/10/06-SE-JC-4(Surface)							1.27 U	mg/kg	UJ
	T1-19/10/06-SE-JC-4(Mid)							1.30 U	mg/kg	UJ
	T1-19/10/06-SE-JC-4(Refusal)							1.29 U	mg/kg	UJ
	T1-19/10/06-SE-JC-5(Surface)							1.49 U	mg/kg	UJ
	T1-19/10/06-SE-JC-5(Mid)							1.32 U	mg/kg	UJ
	T1-19/10/06-SE-JC-5(Refusal)							1.44 U	mg/kg	UJ
	T1-19/10/06-SE-JC-6(Surface)							1.84 U	mg/kg	UJ
	T1-19/10/06-SE-JC-6(Mid)							1.43 U	mg/kg	UJ
	T1-19/10/06-SE-JC-6(Refusal)							1.25 U	mg/kg	UJ
	T1-19/10/06-SE-JC-7(Surface)							1.32 U	mg/kg	UJ
	T1-19/10/06-SE-JC-7(Mid)							1.12 U	mg/kg	UJ
	T1-19/10/06-SE-JC-7(Refusal)							1.16 U	mg/kg	UJ
Metals	T1-18/10/06-SE-MB-13(Surface)	Antimony	48	51	NA	75-125	NA	4.68 U	mg/kg	UJ
	T1-18/10/06-SE-MB-14(Surface)							4.26 U	mg/kg	UJ
	T1-18/10/06-SE-MB-15(Surface)							5.07 U	mg/kg	UJ
	T1-18/10/06-SE-MB-16(Surface)							4.05 U	mg/kg	UJ
	T1-18/10/06-SE-MB-17(Surface)							3.64 U	mg/kg	UJ
Metals	T1-17/10/06-SE-GSUC-1(Surface)	Antimony	58	59	NA	75-125	NA	2.85 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-1(Mid)							2.53 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-1(Refusal)							2.14 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Surface)							3.12 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Mid)							2.66 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Refusal)							2.01 U	mg/kg	UJ
	T1-17/10/06-SE-MB-32(Surface)							2.35 U	mg/kg	UJ
	T1-17/10/06-SE-MB-28(Surface)							4.34 U	mg/kg	UJ
	T1-17/10/06-SE-MB-28(Mid)							4.20 U	mg/kg	UJ
	T1-17/10/06-SE-MB-28(Refusal)							4.02 U	mg/kg	UJ
	T1-17/10/06-SE-MB-30(Surface)							2.52 U	mg/kg	UJ
	T1-17/10/06-SE-MB-34(Surface)							6.22 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-3(Surface)							2.67 U	mg/kg	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-17/10/06-SE-GSUC-3(Mid)							3.26 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-3(Refusal)							2.70 U	mg/kg	UJ
Metals	T1-18/10/06-SE-SLC-7(Surface)	Antimony	64	63	NA	75-125	NA	1.32 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-7(Mid)							1.11 U	mg/kg	UJ
	T1-18/10/06-SE-MB-9(Surface)							3.20 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-7(Refusal)							1.28 U	mg/kg	UJ
Metals	T1-18/10/06-SE-MB-5(Surface)	Antimony	65	64	NA	75-125	NA	2.13 U	mg/kg	UJ
	T1-18/10/06-SE-MB-7(Surface)							4.24 U	mg/kg	UJ
	T1-18/10/06-SE-MB-8(Surface)							3.08 U	mg/kg	UJ
	T1-18/10/06-SE-MB-12(Surface)							2.41 U	mg/kg	UJ
Metals	T1-17/10/06-SE-MB-19(Surface)	Antimony	71	72	NA	75-125	NA	3.38 U	mg/kg	UJ
	T1-17/10/06-SE-MB-20(Surface)							3.06 U	mg/kg	UJ
	T1-17/10/06-SE-MB-21(Surface)							2.87 U	mg/kg	UJ
	T1-17/10/06-SE-MB-21(Mid)							1.71 U	mg/kg	UJ
	T1-17/10/06-SE-MB-21(Refusal)							4.97 U	mg/kg	UJ
	T1-17/10/06-SE-MB-22(Surface)							4.08 U	mg/kg	UJ
	T1-17/10/06-SE-MB-18(Surface)							4.32 U	mg/kg	UJ
	T1-17/10/06-SE-MB-18(Mid)							2.86 U	mg/kg	UJ
	T1-17/10/06-SE-MB-18(Refusal)							3.08 U	mg/kg	UJ
	T1-17/10/06-SE-MB-29(Surface)							4.63 U	mg/kg	UJ
	T1-17/10/06-SE-MB-23(Surface)							7.70 U	mg/kg	UJ
	T1-17/10/06-SE-MB-25(Surface)							3.30 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Surface)							4.09 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Mid)							4.32 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Refusal)							4.26 U	mg/kg	UJ
	T1-17/10/06-SE-MB-26(Surface)							5.37 U	mg/kg	UJ
	T1-17/10/06-SE-MB-35(Surface)							2.48 U	mg/kg	UJ
	T1-17/10/06-SE-MB-31(Surface)							2.40 U	mg/kg	UJ
	T1-17/10/06-SE-MB-33(Surface)							2.00 U	mg/kg	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-13/10/06-SE-MB-1(Surface)	Antimony	73	73	NA	75-125	NA	1.83 U	mg/kg	UJ
	T1-13/10/06-SE-MB-1(Mid)							1.75 U	mg/kg	UJ
	T1-13/10/06-SE-MB-1(Refusal)							2.04 U	mg/kg	UJ
	T1-13/10/06-SE-MB-2(Surface)							1.69 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-4(Surface)							2.71 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-4(Mid)							2.42 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-4(Refusal)							2.15 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-5(Surface)							1.78 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-5(Mid)							2.06 U	mg/kg	UJ
	T1-13/10/06-SE-SLC-5(Refusal)							1.60 U	mg/kg	UJ
	T1-13/10/06-SE-MB-4(Surface)							2.61 U	mg/kg	UJ
	T1-13/10/06-SE-MB-3(Surface)							1.71 U	mg/kg	UJ
Metals	T1-18/10/06-SE-JC-1(Surface)	Lead	132	127	NA	75-125	NA	30.1	mg/kg	J
	T1-18/10/06-SE-JC-1(Mid)							13.7	mg/kg	J
	T1-18/10/06-SE-JC-1(Refusal)							14.0	mg/kg	J
	T1-18/10/06-SE-SLC-9(Surface)							15.6	mg/kg	J
	T1-18/10/06-SE-SLC-9(Mid)							12.3	mg/kg	J
	T1-18/10/06-SE-SLC-9(Refusal)							12.8	mg/kg	J
	T1-18/10/06-SE-MB-6(Surface)							70.4	mg/kg	J
	T1-18/10/06-SE-MB-10(Surface)							165	mg/kg	J
	T1-18/10/06-SE-MB-11(Surface)							17.3	mg/kg	J
	T1-19/10/06-SE-SLC-3(Surface)							24.8	mg/kg	J
	T1-19/10/06-SE-SLC-3(Mid)							17.9	mg/kg	J
	T1-19/10/06-SE-SLC-3(Refusal)							16.8	mg/kg	J
	T1-19/10/06-SE-MB-27(Surface)							13.8 J	mg/kg	J
	T1-19/10/06-SE-MB-27(Mid)							16.8	mg/kg	J
	T1-19/10/06-SE-MB-27(Refusal)							19.5	mg/kg	J
	T1-19/10/06-SE-SLC-6(Mid)							155	mg/kg	J
	T1-19/10/06-SE-SLC-6(Surface)							117	mg/kg	J
	T1-19/10/06-SE-SLC-6(Refusal)							30.3	mg/kg	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-18/10/06-SE-JC-1(Surface)	Mercury	97	262	82	75-125	20	0.0676 J	mg/kg	J
	T1-18/10/06-SE-SLC-9(Surface)							0.133 J	mg/kg	J
	T1-18/10/06-SE-SLC-9(Mid)							0.0154 J	mg/kg	J
	T1-18/10/06-SE-SLC-9(Refusal)							0.0193 J	mg/kg	J
	T1-18/10/06-SE-MB-6(Surface)							0.178 J	mg/kg	J
	T1-18/10/06-SE-MB-10(Surface)							0.709	mg/kg	J
	T1-18/10/06-SE-MB-11(Surface)							0.0340 J	mg/kg	J
	T1-19/10/06-SE-SLC-3(Surface)							0.0672 J	mg/kg	J
	T1-19/10/06-SE-SLC-3(Mid)							0.0286 J	mg/kg	J
	T1-19/10/06-SE-SLC-3(Refusal)							0.0303 J	mg/kg	J
	T1-19/10/06-SE-MB-27(Surface)							0.0651 J	mg/kg	J
	T1-19/10/06-SE-MB-27(Mid)							0.0584 J	mg/kg	J
	T1-19/10/06-SE-MB-27(Refusal)							0.0370 J	mg/kg	J
	T1-19/10/06-SE-SLC-6(Mid)							3.40	mg/kg	J
	T1-19/10/06-SE-SLC-6(Surface)							2.67	mg/kg	J
	T1-19/10/06-SE-SLC-6(Refusal)							0.189 J	mg/kg	J
Metals	T1-18/10/06-SE-MB-13(Surface)	Potassium	169	144	NA	75-125	NA	4490	mg/kg	J
	T1-18/10/06-SE-MB-14(Surface)							3890	mg/kg	J
	T1-18/10/06-SE-MB-15(Surface)							3900	mg/kg	J
	T1-18/10/06-SE-MB-16(Surface)							4510	mg/kg	J
	T1-18/10/06-SE-MB-17(Surface)							3920	mg/kg	J
Metals	T1-19/10/06-SE-SLC-8(Surface)	Potassium	177	173	NA	75-125	NA	2230	mg/kg	J
	T1-19/10/06-SE-SLC-8(Mid)							1730	mg/kg	J
	T1-19/10/06-SE-SLC-8(Refusal)							2050	mg/kg	J
	T1-19/10/06-SE-JC-2(Surface)							3090	mg/kg	J
	T1-19/10/06-SE-JC-2(Mid)							2670	mg/kg	J
	T1-19/10/06-SE-JC-2(Refusal)							2250	mg/kg	J
	T1-19/10/06-SE-JC-3(Surface)							1870	mg/kg	J
	T1-19/10/06-SE-JC-3(Mid)							1730	mg/kg	J
	T1-19/10/06-SE-JC-3(Refusal)							1660	mg/kg	J
	T1-19/10/06-SE-JC-4(Surface)							2130	mg/kg	J
	T1-19/10/06-SE-JC-4(Mid)							3130	mg/kg	J
	T1-19/10/06-SE-JC-4(Refusal)							3620	mg/kg	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-19/10/06-SE-JC-5(Surface)							1620	mg/kg	J
	T1-19/10/06-SE-JC-5(Mid)							1180	mg/kg	J
	T1-19/10/06-SE-JC-5(Refusal)							1740	mg/kg	J
	T1-19/10/06-SE-JC-6(Surface)							1260	mg/kg	J
	T1-19/10/06-SE-JC-6(Mid)							1270	mg/kg	J
	T1-19/10/06-SE-JC-6(Refusal)							1170	mg/kg	J
	T1-19/10/06-SE-JC-7(Surface)							1130	mg/kg	J
	T1-19/10/06-SE-JC-7(Mid)							862	mg/kg	J
	T1-19/10/06-SE-JC-7(Refusal)							1620	mg/kg	J
Metals	T1-13/10/06-SE-MB-1(Surface)	Potassium	190	187	NA	75-125	NA	2950	mg/kg	J
	T1-13/10/06-SE-MB-1(Mid)							2560	mg/kg	J
	T1-13/10/06-SE-MB-1(Refusal)							2560	mg/kg	J
	T1-13/10/06-SE-MB-2(Surface)							4480	mg/kg	J
	T1-13/10/06-SE-SLC-4(Surface)							4040	mg/kg	J
	T1-13/10/06-SE-SLC-4(Mid)							5120	mg/kg	J
	T1-13/10/06-SE-SLC-4(Refusal)							2920	mg/kg	J
	T1-13/10/06-SE-SLC-5(Surface)							2740	mg/kg	J
	T1-13/10/06-SE-SLC-5(Mid)							4060	mg/kg	J
	T1-13/10/06-SE-SLC-5(Refusal)							2540	mg/kg	J
	T1-13/10/06-SE-MB-4(Surface)							3310	mg/kg	J
	T1-13/10/06-SE-MB-3(Surface)							3190	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Potassium	217	225	NA	75-125	NA	1090	mg/kg	J
	T1-19/10/06-SO-JC-9(0-2)							406	mg/kg	J
	T1-19/10/06-SO-JC-10(0-2)							1430	mg/kg	J
	T1-19/10/06-SO-JC-11(0-2)							1760	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Silver	160	110	32	75-125	20	1.34 J	mg/kg	J
	T1-19/10/06-SO-JC-9(0-2)							0.541 J	mg/kg	J
	T1-19/10/06-SO-JC-10(0-2)							0.745 J	mg/kg	J
	T1-19/10/06-SO-JC-11(0-2)							0.345 J	mg/kg	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
Metals	T1-19/10/06-SO-JC-8(0-2)	Sodium	72	64	NA	75-125	NA	1190	mg/kg	J
	T1-19/10/06-SO-JC-9(0-2)							264 U	mg/kg	UJ
	T1-19/10/06-SO-JC-10(0-2)							287 U	mg/kg	UJ
	T1-19/10/06-SO-JC-11(0-2)							157 U	mg/kg	UJ
AVS/SEM Metals	T1-18/10/06-SE-SLC-7(Surface)	Cadmium	62	54	NA	75-125	NA	0.00191 J	umol/g	J
	T1-18/10/06-SE-MB-9(Surface)							0.000768 J	umol/g	J
	T1-19/10/06-SE-JC-4(Surface)							0.000614 J	umol/g	J
	T1-19/10/06-SE-JC-5(Surface)							0.00248 J	umol/g	J
	T1-19/10/06-SE-JC-6(Surface)							0.00476 J	umol/g	J
	T1-19/10/06-SE-JC-7(Surface)							0.00187 J	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-5(Surface)	Cadmium	63	63	NA	75-125	NA	0.000392 J	umol/g	J
	T1-18/10/06-SE-MB-7(Surface)							0.000868 J	umol/g	J
	T1-18/10/06-SE-MB-8(Surface)							0.000907 J	umol/g	J
	T1-18/10/06-SE-MB-12(Surface)							0.00200 J	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-SLC-7(Surface)	Copper	0	0	NA	75-125	NA	0.0846	umol/g	J
	T1-18/10/06-SE-MB-9(Surface)							0.148	umol/g	J
	T1-19/10/06-SE-JC-4(Surface)							0.0657	umol/g	J
	T1-19/10/06-SE-JC-5(Surface)							0.324	umol/g	J
	T1-19/10/06-SE-JC-6(Surface)							3.05	umol/g	J
	T1-19/10/06-SE-JC-7(Surface)							0.0406	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-JC-1(Surface)	Copper	143	167	NA	75-125	NA	0.494	umol/g	J
	T1-18/10/06-SE-SLC-9(Surface)							0.691	umol/g	J
	T1-18/10/06-SE-MB-6(Surface)							0.0403 J	umol/g	J
	T1-18/10/06-SE-MB-10(Surface)							0.579	umol/g	J
	T1-19/10/06-SE-SLC-3(Surface)							0.0482	umol/g	J
	T1-19/10/06-SE-SLC-6(Surface)							0.663	umol/g	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
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PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
AVS/SEM Metals	T1-18/10/06-SE-MB-5(Surface)	Copper	21	36	53	75-125	35	0.0356 J	umol/g	J
	T1-18/10/06-SE-MB-7(Surface)							0.00678 J	umol/g	J
	T1-18/10/06-SE-MB-8(Surface)							0.200	umol/g	J
	T1-18/10/06-SE-MB-12(Surface)							0.268	umol/g	J
AVS/SEM Metals	T1-17/10/06-SE-MB-19(Surface)	Copper	21	38	58	75-125	35	0.0734 U	umol/g	UJ
	T1-17/10/06-SE-MB-20(Surface)							0.00373	umol/g	J
	T1-17/10/06-SE-MB-21(Surface)							0.389	umol/g	J
	T1-17/10/06-SE-MB-22(Surface)							0.0132	umol/g	J
	T1-17/10/06-SE-MB-18(Surface)							0.516	umol/g	J
	T1-17/10/06-SE-MB-29(Surface)							0.0308	umol/g	J
	T1-17/10/06-SE-MB-23(Surface)							1.16	umol/g	J
	T1-17/10/06-SE-MB-25(Surface)							0.0718 U	umol/g	UJ
	T1-17/10/06-SE-MB-24(Surface)							0.176	umol/g	J
	T1-17/10/06-SE-MB-26(Surface)							0.684	umol/g	J
	T1-17/10/06-SE-MB-35(Surface)							0.0540 U	umol/g	UJ
	T1-17/10/06-SE-MB-31(Surface)							0.0520 U	umol/g	UJ
	T1-17/10/06-SE-MB-33(Surface)							0.0437 U	umol/g	UJ
AVS/SEM Metals	T1-18/10/06-SE-MB-13(Surface)	Copper	59	71	NA	75-125	NA	0.615	umol/g	J
	T1-18/10/06-SE-MB-14(Surface)							0.293	umol/g	J
	T1-18/10/06-SE-MB-15(Surface)							0.00927 J	umol/g	J
	T1-18/10/06-SE-MB-16(Surface)							0.136	umol/g	J
	T1-18/10/06-SE-MB-17(Surface)							0.00396 J	umol/g	J
	T1-19/10/06-SE-SLC-8(Surface)							0.0371	umol/g	J
	T1-19/10/06-SE-JC-2(Surface)							2.20	umol/g	J
	T1-19/10/06-SE-JC-3(Surface)							0.0507	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-SLC-7(Surface)	Lead	50	15	108	75-125	35	0.0468	umol/g	J
	T1-18/10/06-SE-MB-9(Surface)							0.142	umol/g	J
	T1-19/10/06-SE-JC-4(Surface)							0.0431	umol/g	J
	T1-19/10/06-SE-JC-5(Surface)							0.0855	umol/g	J
	T1-19/10/06-SE-JC-6(Surface)							0.260	umol/g	J
	T1-19/10/06-SE-JC-7(Surface)							0.481	umol/g	J

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QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
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OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
AVS/SEM Metals	T1-17/10/06-SE-MB-19(Surface)	Lead	0	0	NA	75-125	NA	0.0397	umol/g	J
	T1-17/10/06-SE-MB-20(Surface)							0.0385	umol/g	J
	T1-17/10/06-SE-MB-21(Surface)							0.924	umol/g	J
	T1-17/10/06-SE-MB-22(Surface)							0.0469	umol/g	J
	T1-17/10/06-SE-MB-18(Surface)							0.825	umol/g	J
	T1-17/10/06-SE-MB-29(Surface)							0.122	umol/g	J
	T1-17/10/06-SE-MB-23(Surface)							0.630	umol/g	J
	T1-17/10/06-SE-MB-25(Surface)							0.0432	umol/g	J
	T1-17/10/06-SE-MB-24(Surface)							0.297	umol/g	J
	T1-17/10/06-SE-MB-26(Surface)							0.699	umol/g	J
	T1-17/10/06-SE-MB-35(Surface)							0.0449	umol/g	J
	T1-17/10/06-SE-MB-31(Surface)							0.0542	umol/g	J
	T1-17/10/06-SE-MB-33(Surface)							0.0561	umol/g	J
	T1-18/10/06-SE-MB-5(Surface)							0.133	umol/g	J
	T1-18/10/06-SE-MB-7(Surface)							0.0704	umol/g	J
	T1-18/10/06-SE-MB-8(Surface)							0.255	umol/g	J
	T1-18/10/06-SE-MB-12(Surface)							0.127	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-JC-1(Surface)	Lead	222	285	NA	75-125	NA	0.0814	umol/g	J
	T1-18/10/06-SE-SLC-9(Surface)							0.0521	umol/g	J
	T1-18/10/06-SE-MB-6(Surface)							0.175	umol/g	J
	T1-18/10/06-SE-MB-10(Surface)							0.236	umol/g	J
	T1-18/10/06-SE-MB-11(Surface)							0.0401	umol/g	J
	T1-19/10/06-SE-SLC-3(Surface)							0.0517	umol/g	J
	T1-19/10/06-SE-MB-27(Surface)							0.0334	umol/g	J
	T1-19/10/06-SE-SLC-6(Surface)							0.425	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-13(Surface)	Lead	53	53	NA	75-125	NA	0.452	umol/g	J
	T1-18/10/06-SE-MB-14(Surface)							0.790	umol/g	J
	T1-18/10/06-SE-MB-15(Surface)							0.0841	umol/g	J
	T1-18/10/06-SE-MB-16(Surface)							0.156	umol/g	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
AVS/SEM Metals	T1-18/10/06-SE-MB-17(Surface)							0.0516	umol/g	J
	T1-19/10/06-SE-SLC-8(Surface)							0.0913	umol/g	J
	T1-19/10/06-SE-JC-2(Surface)							0.129	umol/g	J
	T1-19/10/06-SE-JC-3(Surface)							0.0354	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-13(Surface)	Nickel	104	176	51	75-125	35	0.649	umol/g	J
	T1-18/10/06-SE-MB-14(Surface)							0.577	umol/g	J
	T1-18/10/06-SE-MB-15(Surface)							0.103 J	umol/g	J
	T1-18/10/06-SE-MB-16(Surface)							0.361	umol/g	J
	T1-18/10/06-SE-MB-17(Surface)							0.0324 J	umol/g	J
	T1-19/10/06-SE-SLC-8(Surface)							0.0295 J	umol/g	J
	T1-19/10/06-SE-JC-2(Surface)							0.553	umol/g	J
	T1-19/10/06-SE-JC-3(Surface)							0.0223 J	umol/g	J
AVS/SEM Metals	T1-12/10/06-SE-SLC-1(Surface)	Nickel	123	71	54	75-125	35	0.353	umol/g	J
	T1-12/10/06-SE-SLC-2(Surface)							0.138	umol/g	J
	T1-13/10/06-SE-MB-1(Surface)							0.0835	umol/g	J
	T1-13/10/06-SE-MB-2(Surface)							0.308	umol/g	J
	T1-13/10/06-SE-SLC-4(Surface)							0.169	umol/g	J
	T1-13/10/06-SE-SLC-5(Surface)							0.114	umol/g	J
	T1-13/10/06-SE-MB-4(Surface)							0.165	umol/g	J
	T1-13/10/06-SE-MB-3(Surface)							0.714	umol/g	J
	T1-17/10/06-SE-GSUC-1(Surface)							0.815	umol/g	J
	T1-17/10/06-SE-GSUC-2(Surface)							0.801	umol/g	J
	T1-17/10/06-SE-MB-32(Surface)							0.222	umol/g	J
	T1-17/10/06-SE-MB-28(Surface)							0.347	umol/g	J
	T1-17/10/06-SE-MB-30(Surface)							0.0606 J	umol/g	J
	T1-17/10/06-SE-MB-34(Surface)							0.0631 J	umol/g	J
	T1-17/10/06-SE-GSUC-3(Surface)							0.759	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-SLC-7(Surface)	Nickel	142	153	NA	75-125	NA	0.0755	umol/g	J
	T1-18/10/06-SE-MB-9(Surface)							0.108	umol/g	J
	T1-19/10/06-SE-JC-4(Surface)							0.135	umol/g	J
	T1-19/10/06-SE-JC-5(Surface)							0.416	umol/g	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
AVS/SEM Metals	T1-19/10/06-SE-JC-6(Surface)							1.28	umol/g	J
	T1-19/10/06-SE-JC-7(Surface)							0.264	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-JC-1(Surface)	Nickel	24	110	128	75-125	35	0.385	umol/g	J
	T1-18/10/06-SE-SLC-9(Surface)							0.987	umol/g	J
	T1-18/10/06-SE-MB-6(Surface)							0.0959	umol/g	J
	T1-18/10/06-SE-MB-10(Surface)							0.813	umol/g	J
	T1-18/10/06-SE-MB-11(Surface)							0.0165 J	umol/g	J
	T1-19/10/06-SE-SLC-3(Surface)							0.0701	umol/g	J
	T1-19/10/06-SE-MB-27(Surface)							0.157	umol/g	J
	T1-19/10/06-SE-SLC-6(Surface)							0.0821	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-5(Surface)	Nickel	68	61	NA	75-125	NA	0.0749	umol/g	J
	T1-18/10/06-SE-MB-7(Surface)							0.144	umol/g	J
	T1-18/10/06-SE-MB-8(Surface)							0.0538 J	umol/g	J
	T1-18/10/06-SE-MB-12(Surface)							0.457	umol/g	J
AVS/SEM Metals	T1-17/10/06-SE-MB-19(Surface)	Nickel	84	157	61	75-125	35	0.252	umol/g	J
	T1-17/10/06-SE-MB-20(Surface)							0.0930	umol/g	J
	T1-17/10/06-SE-MB-21(Surface)							0.260	umol/g	J
	T1-17/10/06-SE-MB-22(Surface)							0.336	umol/g	J
	T1-17/10/06-SE-MB-18(Surface)							0.286	umol/g	J
	T1-17/10/06-SE-MB-29(Surface)							0.117	umol/g	J
	T1-17/10/06-SE-MB-23(Surface)							0.771	umol/g	J
	T1-17/10/06-SE-MB-25(Surface)							0.0777	umol/g	J
	T1-17/10/06-SE-MB-24(Surface)							0.720	umol/g	J
	T1-17/10/06-SE-MB-26(Surface)							0.145	umol/g	J
	T1-17/10/06-SE-MB-35(Surface)							0.264	umol/g	J
	T1-17/10/06-SE-MB-31(Surface)							0.170	umol/g	J
	T1-17/10/06-SE-MB-33(Surface)							0.0503	umol/g	J
AVS/SEM Metals	T1-12/10/06-SE-SLC-1(Surface)	Zinc	72	71	NA	75-125	NA	0.0231	umol/g	J
	T1-12/10/06-SE-SLC-2(Surface)							0.879	umol/g	J
	T1-13/10/06-SE-MB-1(Surface)							0.402	umol/g	J
	T1-13/10/06-SE-MB-2(Surface)							0.468	umol/g	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
AVS/SEM Metals	T1-13/10/06-SE-SLC-4(Surface)							0.911	umol/g	J
	T1-13/10/06-SE-SLC-5(Surface)							0.615	umol/g	J
	T1-13/10/06-SE-MB-4(Surface)							0.225	umol/g	J
	T1-13/10/06-SE-MB-3(Surface)							0.512	umol/g	J
	T1-17/10/06-SE-GSUC-1(Surface)							1.99	umol/g	J
	T1-17/10/06-SE-GSUC-2(Surface)							1.78	umol/g	J
	T1-17/10/06-SE-MB-32(Surface)							0.216	umol/g	J
	T1-17/10/06-SE-MB-28(Surface)							0.497	umol/g	J
	T1-17/10/06-SE-MB-30(Surface)							0.120	umol/g	J
	T1-17/10/06-SE-MB-34(Surface)							0.403	umol/g	J
	T1-17/10/06-SE-GSUC-3(Surface)							0.903	umol/g	J
AVS/SEM Metals	T1-17/10/06-SE-MB-19(Surface)	Zinc	18	7	88	75-125	35	0.0733	umol/g	J
	T1-17/10/06-SE-MB-20(Surface)							0.0960	umol/g	J
	T1-17/10/06-SE-MB-21(Surface)							1.74	umol/g	J
	T1-17/10/06-SE-MB-22(Surface)							0.0695 J	umol/g	J
	T1-17/10/06-SE-MB-18(Surface)							2.31	umol/g	J
	T1-17/10/06-SE-MB-29(Surface)							1.17	umol/g	J
	T1-17/10/06-SE-MB-23(Surface)							2.68	umol/g	J
	T1-17/10/06-SE-MB-25(Surface)							0.114	umol/g	J
	T1-17/10/06-SE-MB-24(Surface)							1.18	umol/g	J
	T1-17/10/06-SE-MB-26(Surface)							2.03	umol/g	J
	T1-17/10/06-SE-MB-35(Surface)							0.138	umol/g	J
	T1-17/10/06-SE-MB-31(Surface)							0.339	umol/g	J
	T1-17/10/06-SE-MB-33(Surface)							0.132	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-5(Surface)	Zinc	52	49	NA	75-125	NA	0.166	umol/g	J
	T1-18/10/06-SE-MB-7(Surface)							0.263	umol/g	J
	T1-18/10/06-SE-MB-8(Surface)							0.436	umol/g	J
	T1-18/10/06-SE-MB-12(Surface)							0.594	umol/g	J

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
General Chemistry	T1-18/10/06-SW-MB-10	Cyanide (Dissolved)	76	NA	NA	83-111	NA	0.0050 U	mg/L	UJ
	T1-18/10/06-SW-JC-1							0.0050 U	mg/L	UJ
	T1-18/10/06-SW-MB-18							0.0050 U	mg/L	UJ
	T1-18/10/06-SW-MB-13							0.0050 U	mg/L	UJ
	T1-18/10/06-SW-MB-14							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-2							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-3							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-4							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-5							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-6							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-JC-7							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-WR-1							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-WR-2							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-GSUC-1							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-GSUC-2							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-GSUC-3							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-MB-32							0.0050 U	mg/L	UJ
	T1-19/10/06-SW-SLC-9							0.0050 U	mg/L	UJ
General Chemistry	T1-17/10/06-SE-MB-32(Surface)	Chromium VI (Hexavalent)	22	31	34	75-125	11	10.4 U	mg/kg	UJ
	T1-17/10/06-SE-MB-28(Surface)							104	mg/kg	J
	T1-17/10/06-SE-MB-28(Mid)							19.0 U	mg/kg	UJ
	T1-17/10/06-SE-MB-28(Refusal)							47.9 J	mg/kg	J
	T1-17/10/06-SE-MB-30(Surface)							11.5 U	mg/kg	UJ
	T1-17/10/06-SE-MB-34(Surface)							28.4 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-3(Surface)							1.2 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-3(Mid)							1.5 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-3(Refusal)							1.2 U	mg/kg	UJ
	T1-18/10/06-SE-MB-13(Surface)							20.9 U	mg/kg	UJ
	T1-18/10/06-SE-MB-14(Surface)							1.9 U	mg/kg	UJ
	T1-18/10/06-SE-MB-15(Surface)							23.1 U	mg/kg	UJ
	T1-18/10/06-SE-MB-16(Surface)							18.1 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-8(Surface)							0.56 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-8(Mid)							0.53 U	mg/kg	UJ
	T1-19/10/06-SE-SLC-8(Refusal)							0.62 U	mg/kg	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
General Chemistry	T1-19/10/06-SE-JC-2(Surface)							0.97 U	mg/kg	UJ
	T1-19/10/06-SE-JC-2(Mid)							0.60 U	mg/kg	UJ
	T1-19/10/06-SE-JC-2(Refusal)							0.58 U	mg/kg	UJ
	T1-19/10/06-SE-JC-3(Surface)							6.3 U	mg/kg	UJ
General Chemistry	T1-17/10/06-SE-MB-18(Mid)	Chromium VI (Hexavalent)	50	41	17	75-125	11	1.9 J	mg/kg	J
	T1-17/10/06-SE-MB-18(Refusal)							1.4 U	mg/kg	UJ
	T1-17/10/06-SE-MB-29(Surface)							20.5 U	mg/kg	UJ
	T1-17/10/06-SE-MB-23(Surface)							34.8 U	mg/kg	UJ
	T1-17/10/06-SE-MB-25(Surface)							15.0 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Surface)							18.1 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Mid)							19.3 U	mg/kg	UJ
	T1-17/10/06-SE-MB-24(Refusal)							19.0 U	mg/kg	UJ
	T1-17/10/06-SE-MB-26(Surface)							9.7 U	mg/kg	UJ
	T1-17/10/06-SE-MB-35(Surface)							11.2 U	mg/kg	UJ
	T1-17/10/06-SE-MB-31(Surface)							10.8 U	mg/kg	UJ
	T1-17/10/06-SE-MB-33(Surface)							9.2 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-1(Surface)							1.3 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-1(Mid)							1.2 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-1(Refusal)							0.95 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Surface)							1.4 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Mid)							1.2 U	mg/kg	UJ
	T1-17/10/06-SE-GSUC-2(Refusal)							0.90 U	mg/kg	UJ
General Chemistry	T1-18/10/06-SE-MB-17(Surface)	Chromium VI (Hexavalent)	80	67	15	75-125	11	16.1 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-7(Mid)							0.52 J	mg/kg	J
	T1-18/10/06-SE-MB-9(Surface)							5.8 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-7(Refusal)							0.57 U	mg/kg	UJ
	T1-18/10/06-SE-MB-7(Surface)							19.0 U	mg/kg	UJ
	T1-18/10/06-SE-MB-8(Surface)							5.6 U	mg/kg	UJ
	T1-18/10/06-SE-MB-12(Surface)							4.3 U	mg/kg	UJ
	T1-18/10/06-SE-JC-1(Mid)							0.54 U	mg/kg	UJ
	T1-18/10/06-SE-JC-1(Refusal)							0.56 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-9(Surface)							0.77 U	mg/kg	UJ

TABLE 11

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
General Chemistry	T1-18/10/06-SE-SLC-9(Mid)							0.51 U	mg/kg	UJ
	T1-18/10/06-SE-SLC-9(Refusal)							0.53 U	mg/kg	UJ
	T1-18/10/06-SE-MB-6(Surface)							5.8 U	mg/kg	UJ
	T1-18/10/06-SE-MB-10(Surface)							2.0 J	mg/kg	J

Notes:
AVS Acid Volatile Sulfide.
J Estimated.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
PAHs Polynuclear Aromatic Hydrocarbons.
R Rejected.
SEM Simultaneously Extracted Metals.
SVOCs Semi-volatile Organic Compounds.
TPH Total Petroleum Hydrocarbons.
U Non-detect at associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 12

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*RPD*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-18/10/06-SE-JC-1(Surface)	Barium	29	0-20	T1-18/10/06-SE-JC-1(Surface)	316	mg/kg	J
					T1-18/10/06-SE-JC-1(Mid)	127	mg/kg	J
					T1-18/10/06-SE-JC-1(Refusal)	487	mg/kg	J
					T1-18/10/06-SE-SLC-9(Surface)	123	mg/kg	J
					T1-18/10/06-SE-SLC-9(Mid)	70.2	mg/kg	J
					T1-18/10/06-SE-SLC-9(Refusal)	82.0	mg/kg	J
					T1-18/10/06-SE-MB-6(Surface)	67.7	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	119	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	68.6	mg/kg	J
					T1-19/10/06-SE-SLC-3(Surface)	117	mg/kg	J
					T1-19/10/06-SE-SLC-3(Mid)	66.5	mg/kg	J
					T1-19/10/06-SE-SLC-3(Refusal)	62.2	mg/kg	J
					T1-19/10/06-SE-MB-27(Surface)	135	mg/kg	J
					T1-19/10/06-SE-MB-27(Mid)	212	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	187	mg/kg	J
					T1-19/10/06-SE-SLC-6(Mid)	65.9	mg/kg	J
					T1-19/10/06-SE-SLC-6(Surface)	74.3	mg/kg	J
					T1-19/10/06-SE-SLC-6(Refusal)	89.5	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Barium	60	0-20	T1-19/10/06-SO-JC-8(0-2)	133	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	25.3	mg/kg	J
					T1-19/10/06-SO-JC-10(0-2)	81.3	mg/kg	J
					T1-19/10/06-SO-JC-11(0-2)	209	mg/kg	J
Metals	T1-18/10/06-SE-SLC-7(Surface)	Calcium	21	0-20	T1-18/10/06-SE-SLC-7(Surface)	7120	mg/kg	J
					T1-18/10/06-SE-SLC-7(Mid)	3930	mg/kg	J
					T1-18/10/06-SE-MB-9(Surface)	3310	mg/kg	J
					T1-18/10/06-SE-SLC-7(Refusal)	11200	mg/kg	J
					T1-18/10/06-SE-MB-5(Surface)	2800	mg/kg	J
					T1-18/10/06-SE-MB-7(Surface)	4270	mg/kg	J
					T1-18/10/06-SE-MB-8(Surface)	4260	mg/kg	J
					T1-18/10/06-SE-MB-12(Surface)	2880	mg/kg	J
Metals	T1-18/10/06-SE-JC-1(Surface)	Cobalt	75	0-20	T1-18/10/06-SE-JC-1(Surface)	11.3	mg/kg	J
					T1-18/10/06-SE-JC-1(Mid)	12.6	mg/kg	J
					T1-18/10/06-SE-JC-1(Refusal)	10.3	mg/kg	J
					T1-18/10/06-SE-SLC-9(Surface)	6.39 J	mg/kg	J
					T1-18/10/06-SE-SLC-9(Mid)	5.66 J	mg/kg	J
					T1-18/10/06-SE-SLC-9(Refusal)	6.29 J	mg/kg	J
					T1-18/10/06-SE-MB-6(Surface)	8.89 J	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	12.2 J	mg/kg	J

TABLE 12

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*RPD*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-18/10/06-SE-JC-1(Surface)	Cobalt	75	0-20	T1-18/10/06-SE-MB-11(Surface)	4.04 J	mg/kg	J
					T1-19/10/06-SE-SLC-3(Surface)	10.5 J	mg/kg	J
					T1-19/10/06-SE-SLC-3(Mid)	34.9	mg/kg	J
					T1-19/10/06-SE-SLC-3(Refusal)	16.4	mg/kg	J
					T1-19/10/06-SE-MB-27(Surface)	4.06 J	mg/kg	J
					T1-19/10/06-SE-MB-27(Mid)	4.64 J	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	4.51 J	mg/kg	J
					T1-19/10/06-SE-SLC-6(Mid)	13.0	mg/kg	J
					T1-19/10/06-SE-SLC-6(Surface)	7.64 J	mg/kg	J
					T1-19/10/06-SE-SLC-6(Refusal)	9.79 J	mg/kg	J
Metals	T1-18/10/06-SE-JC-1(Surface)	Copper	31	0-20	T1-18/10/06-SE-JC-1(Surface)	67.0	mg/kg	J
					T1-18/10/06-SE-JC-1(Mid)	8.08	mg/kg	J
					T1-18/10/06-SE-JC-1(Refusal)	14.7	mg/kg	J
					T1-18/10/06-SE-SLC-9(Surface)	80.0	mg/kg	J
					T1-18/10/06-SE-SLC-9(Mid)	8.57	mg/kg	J
					T1-18/10/06-SE-SLC-9(Refusal)	8.52	mg/kg	J
					T1-18/10/06-SE-MB-6(Surface)	87.2	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	179	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	11.8 J	mg/kg	J
					T1-19/10/06-SE-SLC-3(Surface)	30.7	mg/kg	J
					T1-19/10/06-SE-SLC-3(Mid)	11.6	mg/kg	J
					T1-19/10/06-SE-SLC-3(Refusal)	10.9	mg/kg	J
					T1-19/10/06-SE-MB-27(Surface)	18.1	mg/kg	J
					T1-19/10/06-SE-MB-27(Mid)	21.8	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	17.7	mg/kg	J
					T1-19/10/06-SE-SLC-6(Mid)	624	mg/kg	J
					T1-19/10/06-SE-SLC-6(Surface)	635	mg/kg	J
					T1-19/10/06-SE-SLC-6(Refusal)	65.7	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Iron	22	0-20	T1-19/10/06-SO-JC-8(0-2)	10400	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	5680	mg/kg	J
					T1-19/10/06-SO-JC-10(0-2)	13600	mg/kg	J
					T1-19/10/06-SO-JC-11(0-2)	31900	mg/kg	J
Metals	T1-18/10/06-SE-SLC-7(Surface)	Manganese	27	0-20	T1-18/10/06-SE-SLC-7(Surface)	203	mg/kg	J
					T1-18/10/06-SE-SLC-7(Mid)	94.3	mg/kg	J
					T1-18/10/06-SE-MB-9(Surface)	772	mg/kg	J
					T1-18/10/06-SE-SLC-7(Refusal)	86.6	mg/kg	J
					T1-18/10/06-SE-MB-5(Surface)	126	mg/kg	J

TABLE 12

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*RPD*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-18/10/06-SE-SLC-7(Surface)	Manganese	27	0-20	T1-18/10/06-SE-MB-7(Surface)	110	mg/kg	J
					T1-18/10/06-SE-MB-8(Surface)	817	mg/kg	J
					T1-18/10/06-SE-MB-12(Surface)	591	mg/kg	J
Metals	T1-18/10/06-SE-JC-1(Surface)	Manganese	78	0-20	T1-18/10/06-SE-JC-1(Surface)	780	mg/kg	J
					T1-18/10/06-SE-JC-1(Mid)	325	mg/kg	J
					T1-18/10/06-SE-JC-1(Refusal)	1090	mg/kg	J
					T1-18/10/06-SE-SLC-9(Surface)	106	mg/kg	J
					T1-18/10/06-SE-SLC-9(Mid)	65.8	mg/kg	J
					T1-18/10/06-SE-SLC-9(Refusal)	101	mg/kg	J
					T1-18/10/06-SE-MB-6(Surface)	490	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	1130	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	71.1	mg/kg	J
					T1-19/10/06-SE-SLC-3(Surface)	343	mg/kg	J
					T1-19/10/06-SE-SLC-3(Mid)	146	mg/kg	J
					T1-19/10/06-SE-SLC-3(Refusal)	173	mg/kg	J
					T1-19/10/06-SE-MB-27(Surface)	158	mg/kg	J
					T1-19/10/06-SE-MB-27(Mid)	137	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	123	mg/kg	J
					T1-19/10/06-SE-SLC-6(Mid)	126	mg/kg	J
					T1-19/10/06-SE-SLC-6(Surface)	125	mg/kg	J
					T1-19/10/06-SE-SLC-6(Refusal)	146	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Manganese	99	0-20	T1-19/10/06-SO-JC-8(0-2)	225	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	190	mg/kg	J
					T1-19/10/06-SO-JC-10(0-2)	322	mg/kg	J
					T1-19/10/06-SO-JC-11(0-2)	425	mg/kg	J
Metals	T1-19/10/06-SO-JC-8(0-2)	Potassium	22	0-20	T1-19/10/06-SO-JC-8(0-2)	1090	mg/kg	J
					T1-19/10/06-SO-JC-9(0-2)	406	mg/kg	J
					T1-19/10/06-SO-JC-10(0-2)	1430	mg/kg	J
					T1-19/10/06-SO-JC-11(0-2)	1760	mg/kg	J
Metals	T1-13/10/06-SE-MB-1(Surface)	Zinc	23	0-20	T1-13/10/06-SE-MB-1(Surface)	53.0	mg/kg	J
					T1-13/10/06-SE-MB-1(Mid)	52.8	mg/kg	J
					T1-13/10/06-SE-MB-1(Refusal)	60.1	mg/kg	J
					T1-13/10/06-SE-MB-2(Surface)	53.9	mg/kg	J
					T1-13/10/06-SE-SLC-4(Surface)	148	mg/kg	J
					T1-13/10/06-SE-SLC-4(Mid)	110	mg/kg	J
					T1-13/10/06-SE-SLC-4(Refusal)	139	mg/kg	J
					T1-13/10/06-SE-SLC-5(Surface)	84.0	mg/kg	J

TABLE 12

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*RPD*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-13/10/06-SE-MB-1(Surface)	Zinc	23	0-20	T1-13/10/06-SE-SLC-5(Mid)	92.1	mg/kg	J
					T1-13/10/06-SE-SLC-5(Refusal)	83.8	mg/kg	J
					T1-13/10/06-SE-MB-4(Surface)	50.0	mg/kg	J
					T1-13/10/06-SE-MB-3(Surface)	65.4	mg/kg	J
AVS/SEM Metals	T1-18/10/06-SE-SLC-7(Surface)	Copper	51	0-35	T1-18/10/06-SE-SLC-7(Surface)	0.0846	umol/g	J
					T1-18/10/06-SE-MB-9(Surface)	0.148	umol/g	J
					T1-19/10/06-SE-JC-4(Surface)	0.0657	umol/g	J
					T1-19/10/06-SE-JC-5(Surface)	0.324	umol/g	J
					T1-19/10/06-SE-JC-6(Surface)	3.05	umol/g	J
					T1-19/10/06-SE-JC-7(Surface)	0.0406	umol/g	J
AVS/SEM Metals	T1-18/10/06-SE-MB-17(Surface)	Nickel	123	0-35	T1-18/10/06-SE-MB-13(Surface)	0.649	umol/g	J
					T1-18/10/06-SE-MB-14(Surface)	0.577	umol/g	J
					T1-18/10/06-SE-MB-15(Surface)	0.103 J	umol/g	J
					T1-18/10/06-SE-MB-16(Surface)	0.361	umol/g	J
					T1-18/10/06-SE-MB-17(Surface)	0.0324 J	umol/g	J
					T1-19/10/06-SE-SLC-8(Surface)	0.0295 J	umol/g	J
					T1-19/10/06-SE-JC-2(Surface)	0.553	umol/g	J
					T1-19/10/06-SE-JC-3(Surface)	0.0223 J	umol/g	J
AVS/SEM Metals	T1-17/10/06-SE-MB-32(Surface)	Nickel	76	0-35	T1-12/10/06-SE-SLC-1(Surface)	0.353	umol/g	J
					T1-12/10/06-SE-SLC-2(Surface)	0.138	umol/g	J
					T1-13/10/06-SE-MB-1(Surface)	0.0835	umol/g	J
					T1-13/10/06-SE-MB-2(Surface)	0.308	umol/g	J
					T1-13/10/06-SE-SLC-4(Surface)	0.169	umol/g	J
					T1-13/10/06-SE-SLC-5(Surface)	0.114	umol/g	J
					T1-13/10/06-SE-MB-4(Surface)	0.165	umol/g	J
					T1-13/10/06-SE-MB-3(Surface)	0.714	umol/g	J
					T1-17/10/06-SE-GSUC-1(Surface)	0.815	umol/g	J
					T1-17/10/06-SE-GSUC-2(Surface)	0.801	umol/g	J
					T1-17/10/06-SE-MB-32(Surface)	0.222	umol/g	J
					T1-17/10/06-SE-MB-28(Surface)	0.347	umol/g	J
					T1-17/10/06-SE-MB-30(Surface)	0.0606 J	umol/g	J
					T1-17/10/06-SE-MB-34(Surface)	0.0631 J	umol/g	J
					T1-17/10/06-SE-GSUC-3(Surface)	0.759	umol/g	J

TABLE 12

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*RPD*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
AVS/SEM Metals	T1-18/10/06-SE-JC-1(Surface)	Nickel	150	0-35	T1-18/10/06-SE-JC-1(Surface)	0.385	umol/g	J
					T1-18/10/06-SE-SLC-9(Surface)	0.987	umol/g	J
					T1-18/10/06-SE-MB-6(Surface)	0.0959	umol/g	J
					T1-18/10/06-SE-MB-10(Surface)	0.813	umol/g	J
					T1-18/10/06-SE-MB-11(Surface)	0.0165 J	umol/g	J
					T1-19/10/06-SE-SLC-3(Surface)	0.0701	umol/g	J
					T1-19/10/06-SE-MB-27(Surface)	0.157	umol/g	J
					T1-19/10/06-SE-SLC-6(Surface)	0.0821	umol/g	J
AVS/SEM Metals	T1-17/10/06-SE-MB-29(Surface)	Nickel	153	0-35	T1-17/10/06-SE-MB-19(Surface)	0.252	umol/g	J
					T1-17/10/06-SE-MB-20(Surface)	0.0930	umol/g	J
					T1-17/10/06-SE-MB-21(Surface)	0.260	umol/g	J
					T1-17/10/06-SE-MB-22(Surface)	0.336	umol/g	J
					T1-17/10/06-SE-MB-18(Surface)	0.286	umol/g	J
					T1-17/10/06-SE-MB-29(Surface)	0.117	umol/g	J
					T1-17/10/06-SE-MB-23(Surface)	0.771	umol/g	J
					T1-17/10/06-SE-MB-25(Surface)	0.0777	umol/g	J
					T1-17/10/06-SE-MB-24(Surface)	0.720	umol/g	J
					T1-17/10/06-SE-MB-26(Surface)	0.145	umol/g	J
					T1-17/10/06-SE-MB-35(Surface)	0.264	umol/g	J
					T1-17/10/06-SE-MB-31(Surface)	0.170	umol/g	J
					T1-17/10/06-SE-MB-33(Surface)	0.0503	umol/g	J

Notes:
AVS Acid Volatile Sulfide.
J Estimated.
SEM Simultaneously Extracted Metals.

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-12/10/06-SW-SLC-1	Potassium	11	0-10	T1-12/10/06-SW-SLC-1	161	mg/L	J
					T1-12/10/06-SW-SLC-2	141	mg/L	J
					T1-13/10/06-SW-MB-1	169	mg/L	J
					T1-13/10/06-SW-SLC-3	27.4	mg/L	J
					T1-13/10/06-SW-SLC-4	115	mg/L	J
					T1-13/10/06-SW-MB-4	149	mg/L	J
					T1-13/10/06-SW-MB-6	120	mg/L	J
					T1-13/10/06-SW-SLC-5	99.1	mg/L	J
					T1-13/10/06-SW-MB-27	115	mg/L	J
					T1-13/10/06-SW-SLC-7	81.8	mg/L	J
Metals	T1-18/10/06-SW-SLC-8	Magnesium (Dissolved)	11	0-10	T1-18/10/06-SW-MB-21	153	mg/L	J
					T1-18/10/06-SW-SLC-8	3.14	mg/L	J
					T1-18/10/06-SW-MB-24	41.7	mg/L	J
					T1-18/10/06-SW-MB-28	126	mg/L	J
					T1-18/10/06-SW-MB-29	109	mg/L	J
Metals	T1-19/10/06-SW-SLC-9	Potassium	14	0-10	T1-19/10/06-SW-JC-2	3.34	mg/L	J
					T1-19/10/06-SW-JC-3	3.17	mg/L	J
					T1-19/10/06-SW-JC-4	3.16	mg/L	J
					T1-19/10/06-SW-JC-5	5.77	mg/L	J
					T1-19/10/06-SW-JC-6	10.7	mg/L	J
					T1-19/10/06-SW-JC-7	2.00	mg/L	J
					T1-19/10/06-SW-WR-1	55.3	mg/L	J
					T1-19/10/06-SW-WR-2	3.09	mg/L	J
					T1-19/10/06-SW-GSUC-1	61.4	mg/L	J
					T1-19/10/06-SW-GSUC-2	45.8	mg/L	J
					T1-19/10/06-SW-GSUC-3	46.4	mg/L	J
					T1-19/10/06-SW-MB-32	58.2	mg/L	J
					T1-19/10/06-SW-SLC-9	55.7	mg/L	J
Metals	T1-19/10/06-SW-SLC-9	Sodium	14	0-10	T1-19/10/06-SW-JC-2	67.3	mg/L	J
					T1-19/10/06-SW-JC-3	131	mg/L	J
					T1-19/10/06-SW-JC-4	177	mg/L	J
					T1-19/10/06-SW-JC-5	651	mg/L	J
					T1-19/10/06-SW-JC-6	913	mg/L	J
					T1-19/10/06-SW-JC-7	42.9	mg/L	J
					T1-19/10/06-SW-WR-1	120	mg/L	J
					T1-19/10/06-SW-WR-2	97.8	mg/L	J
					T1-19/10/06-SW-GSUC-1	1070	mg/L	J
					T1-19/10/06-SW-GSUC-2	620	mg/L	J

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-19/10/06-SW-SLC-9	Sodium	14	0-10	T1-19/10/06-SW-GSUC-3	342	mg/L	J
					T1-19/10/06-SW-MB-32	1180	mg/L	J
					T1-19/10/06-SW-SLC-9	120	mg/L	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Aluminum	21	0-10	T1-17/10/06-SE-MB-19(Surface)	30400	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	37400	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	28500	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	24400	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	32900	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	35500	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	40900	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	42500	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	38200	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	30400	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	29800	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	34600	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	28500	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	30500	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	22100	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	49500	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	34000	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	28800	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	32700	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Barium	20	0-10	T1-17/10/06-SE-MB-19(Surface)	119	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	86.9	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	115	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	66.6	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	105	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	74.7	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	96.0	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	98.1	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	88.6	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	95.6	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	62.7	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	114	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	81.5	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	93.8	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	97.1	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	88.2	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	99.5	mg/kg	J

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-17/10/06-SE-MB-29(Surface)	Barium	20	0-10	T1-17/10/06-SE-MB-31(Surface)	121	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	96.0	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Calcium	23	0-10	T1-17/10/06-SE-MB-19(Surface)	8470	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	6180	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	109000	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	2710	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	7090	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	5060	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	5710	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	68300	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	43000	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	6740	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	6520	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	8660	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	6500	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	6870	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	7010	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	5390	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	5070	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	4130	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	4490	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Copper	24	0-10	T1-17/10/06-SE-MB-19(Surface)	16.2 J	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	8.55 J	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	234	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	360	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	21.7 J	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	15.1 J	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	248	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	383	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	365	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	54.1	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	442	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	18.2 J	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	45.3	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	15.7 J	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	16.3 J	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	419	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	18.9	mg/kg	J

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-17/10/06-SE-MB-29(Surface)	Copper	24	0-10	T1-17/10/06-SE-MB-31(Surface)	11.9 J	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	14.4	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Iron	22	0-10	T1-17/10/06-SE-MB-19(Surface)	18200	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	16700	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	23100	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	19400	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	30600	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	15300	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	28300	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	35400	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	32500	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	21000	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	15000	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	25900	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	25900	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	27200	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	51200	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	31100	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	20500	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	21000	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	20800	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Magnesium	21	0-10	T1-17/10/06-SE-MB-19(Surface)	8350	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	7690	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	19000	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	4700	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	8430	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	6980	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	8020	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	9460	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	11000	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	8540	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	8380	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	8400	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	6490	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	7230	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	6650	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	9580	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	7570	mg/kg	J

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-17/10/06-SE-MB-29(Surface)	Magnesium	21	0-10	T1-17/10/06-SE-MB-31(Surface)	7680	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	7840	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Manganese	20	0-10	T1-17/10/06-SE-MB-19(Surface)	184	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	123	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	1020	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	118	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	242	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	108	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	175	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	632	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	675	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	322	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	87.6	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	177	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	217	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	275	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	348	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	196	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	144	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	145	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	96.4	mg/kg	J
Metals	T1-18/10/06-SE-JC-1(Surface)	Potassium	11	0-10	T1-18/10/06-SE-JC-1(Surface)	5870	mg/kg	J
					T1-18/10/06-SE-JC-1(Mid)	2570	mg/kg	J
					T1-18/10/06-SE-JC-1(Refusal)	3860	mg/kg	J
					T1-18/10/06-SE-SLC-9(Surface)	2480	mg/kg	J
					T1-18/10/06-SE-SLC-9(Mid)	1210	mg/kg	J
					T1-18/10/06-SE-SLC-9(Refusal)	1430	mg/kg	J
					T1-18/10/06-SE-MB-6(Surface)	4600	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	4260	mg/kg	J
					T1-18/10/06-SE-MB-11(Surface)	4010	mg/kg	J
					T1-19/10/06-SE-SLC-3(Surface)	4880	mg/kg	J
					T1-19/10/06-SE-SLC-3(Mid)	4740	mg/kg	J
					T1-19/10/06-SE-SLC-3(Refusal)	4570	mg/kg	J
					T1-19/10/06-SE-MB-27(Surface)	3770	mg/kg	J
					T1-19/10/06-SE-MB-27(Mid)	4180	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	4290	mg/kg	J
					T1-19/10/06-SE-SLC-6(Mid)	4610	mg/kg	J
					T1-19/10/06-SE-SLC-6(Surface)	4050	mg/kg	J
					T1-19/10/06-SE-SLC-6(Refusal)	3810	mg/kg	J

TABLE 13

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTION RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Analyte*	*%D*	*Control Limits*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	T1-17/10/06-SE-MB-29(Surface)	Potassium	21	0-10	T1-17/10/06-SE-MB-19(Surface)	4970	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	5030	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	3180	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	2740	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	3890	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	4780	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	5710	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	5220	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	4140	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	5240	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	4830	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	5470	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	3390	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	3530	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	3020	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	6240	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	4820	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	5260	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	5330	mg/kg	J
Metals	T1-17/10/06-SE-MB-29(Surface)	Vanadium	19	0-10	T1-17/10/06-SE-MB-19(Surface)	60.2	mg/kg	J
					T1-17/10/06-SE-MB-20(Surface)	66.3	mg/kg	J
					T1-17/10/06-SE-MB-21(Surface)	52.6	mg/kg	J
					T1-17/10/06-SE-MB-21(Mid)	39.3	mg/kg	J
					T1-17/10/06-SE-MB-21(Refusal)	54.7	mg/kg	J
					T1-17/10/06-SE-MB-22(Surface)	55.3	mg/kg	J
					T1-17/10/06-SE-MB-18(Surface)	89.0	mg/kg	J
					T1-17/10/06-SE-MB-18(Mid)	81.8	mg/kg	J
					T1-17/10/06-SE-MB-18(Refusal)	76.2	mg/kg	J
					T1-17/10/06-SE-MB-29(Surface)	54.8	mg/kg	J
					T1-17/10/06-SE-MB-23(Surface)	84.0	mg/kg	J
					T1-17/10/06-SE-MB-25(Surface)	65.9	mg/kg	J
					T1-17/10/06-SE-MB-24(Surface)	48.7	mg/kg	J
					T1-17/10/06-SE-MB-24(Mid)	49.3	mg/kg	J
					T1-17/10/06-SE-MB-24(Refusal)	45.4	mg/kg	J
					T1-17/10/06-SE-MB-26(Surface)	99.0	mg/kg	J
					T1-17/10/06-SE-MB-35(Surface)	64.7	mg/kg	J
					T1-17/10/06-SE-MB-31(Surface)	62.4	mg/kg	J
					T1-17/10/06-SE-MB-33(Surface)	67.1	mg/kg	J

Notes:
%D Percent Difference.
J Estimated.

TABLE 14

QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analyte*	*Original Sample ID*	*Original Result*	*Duplicate Sample ID*	*Duplicate Result*	*RPD*	*Units*	*Qualifier* [(1)]
VOCs	1,2,4-Trichlorobenzene	T1-19/10/06-SW-JC-2	0.00005U	T1-19/10/06-SW-WR-2	0.00009J	57.1	mg/L	J
	Acetone	T1-19/10/06-SW-JC-2	0.0072J	T1-19/10/06-SW-WR-2	0.0041J	54.8	mg/L	J
	Styrene	T1-19/10/06-SW-JC-2	0.00001J	T1-19/10/06-SW-WR-2	0.00003J	100	mg/L	J
VOCs	1,2-Dichloropropane	T1-19/10/06-SW-SLC-9	0.00004U	T1-19/10/06-SW-WR-1	0.00009J	76.9	mg/L	J
	Toluene	T1-19/10/06-SW-SLC-9	0.00002J	T1-19/10/06-SW-WR-1	0.00001J	67	mg/L	J

Notes:

(1) Qualifier is associated with both the original and duplicate sample.
J Estimated.
RPD Relative Percent Difference.
U Non-detect at associated value.
VOCs Volatile Organic Compounds.

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/13/06	Ethylbenzene	0.00006	T1-12/10/06-SE-SLC-2(Refusal)	0.00016 J	0.00016 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.00015 J	0.00015 U	mg/kg
				T1-13/10/06-SE-MB-1(Surface)	0.00014 J	0.00014 U	mg/kg
				T1-13/10/06-SE-SLC-4(Mid)	0.00022 J	0.00022 U	mg/kg
				T1-13/10/06-SE-SLC-4(Refusal)	0.0010 J	0.0010 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.00051 J	0.00051 U	mg/kg
				T1-13/10/06-SE-SLC-5(Refusal)	0.00072 J	0.00072 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.00024 J	0.00024 U	mg/kg
VOCs	10/13/06	Toluene	0.00034	T1-12/10/06-SE-SLC-1(Mid)	0.00014 J	0.00014 U	mg/kg
				T1-12/10/06-SE-SLC-1(Refusal)	0.00052 J	0.00052 U	mg/kg
				T1-12/10/06-SE-SLC-2(Mid)	0.00053 J	0.00053 U	mg/kg
				T1-12/10/06-SE-SLC-2(Refusal)	0.00032 J	0.00032 U	mg/kg
				T1-12/10/06-SE-SLC-2(Surface)	0.0010 J	0.0010 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.00093 J	0.00093 U	mg/kg
				T1-13/10/06-SE-MB-1(Refusal)	0.00050 J	0.00050 U	mg/kg
				T1-13/10/06-SE-MB-1(Surface)	0.00098 J	0.00098 U	mg/kg
				T1-13/10/06-SE-MB-2(Surface)	0.00077 J	0.00077 U	mg/kg
				T1-13/10/06-SE-MB-3(Surface)	0.00067 J	0.00067 U	mg/kg
				T1-13/10/06-SE-MB-4(Surface)	0.0013 J	0.0013 U	mg/kg
				T1-13/10/06-SE-SLC-4(Mid)	0.00091 J	0.00091 U	mg/kg
				T1-13/10/06-SE-SLC-4(Refusal)	0.0012 J	0.0012 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.00031 J	0.00031 U	mg/kg
				T1-13/10/06-SE-SLC-5(Mid)	0.00070 J	0.00070 U	mg/kg
				T1-13/10/06-SE-SLC-5(Refusal)	0.00064 J	0.00064 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.00086 J	0.00086 U	mg/kg
VOCs	10/13/06	m&p-Xylene	0.00016	T1-13/10/06-SE-SLC-4(Mid)	0.00076 J	0.00076 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.00079 J	0.00079 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.00076 J	0.00076 U	mg/kg

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/13/06	Acetone	0.0044	T1-12/10/06-SE-SLC-1(Refusal)	0.011 J	0.011 U	mg/kg
				T1-12/10/06-SE-SLC-2(Mid)	0.11 J	0.11 U	mg/kg
				T1-12/10/06-SE-SLC-2(Refusal)	0.093 J	0.093 U	mg/kg
				T1-12/10/06-SE-SLC-2(Surface)	0.14 J	0.14 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.096 J	0.096 U	mg/kg
				T1-13/10/06-SE-MB-1(Refusal)	0.065 J	0.065 U	mg/kg
				T1-13/10/06-SE-MB-1(Surface)	0.053 J	0.053 U	mg/kg
				T1-13/10/06-SE-MB-3(Surface)	0.073 J	0.073 U	mg/kg
				T1-13/10/06-SE-MB-4(Surface)	0.059 J	0.059 U	mg/kg
				T1-13/10/06-SE-SLC-4(Mid)	0.14 J	0.14 U	mg/kg
				T1-13/10/06-SE-SLC-4(Refusal)	0.097 J	0.097 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.054 J	0.054 U	mg/kg
				T1-13/10/06-SE-SLC-5(Mid)	0.10 J	0.10 U	mg/kg
				T1-13/10/06-SE-SLC-5(Refusal)	0.052 J	0.052 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.096 J	0.096 U	mg/kg
VOCs	10/13/06	Benzene	0.00009	T1-13/10/06-SE-SLC-4(Refusal)	0.00030 J	0.00030 U	mg/kg
				T1-13/10/06-SE-SLC-5(Refusal)	0.00019 J	0.00019 U	mg/kg
VOCs	10/13/06	Carbon disulfide	0.00006	T1-12/10/06-SE-SLC-1(Mid)	0.00030 J	0.00030 U	mg/kg
				T1-12/10/06-SE-SLC-1(Refusal)	0.00052 J	0.00052 U	mg/kg
				T1-12/10/06-SE-SLC-1(Surface)	0.00019 J	0.00019 U	mg/kg
				T1-12/10/06-SE-SLC-2(Surface)	0.0013 J	0.0013 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.00084 J	0.00084 U	mg/kg
				T1-13/10/06-SE-MB-1(Surface)	0.00084 J	0.00084 U	mg/kg
				T1-13/10/06-SE-MB-3(Surface)	0.00059 J	0.00059 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.0017 J	0.0017 U	mg/kg
VOCs	10/13/06	Ethylbenzene	0.00005	T1-12/10/06-SW-SLC-1	0.00022 J	0.00022 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-4	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-MB-6	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00013 J	0.00013 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00012 J	0.00012 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00021 J	0.00021 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00011 J	0.00011 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/13/06	Toluene	0.00037	T1-12/10/06-SW-SLC-1	0.00047 J	0.00047 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00084 J	0.00084 U	mg/L
				T1-13/10/06-SW-MB-1	0.00022 J	0.00022 U	mg/L
				T1-13/10/06-SW-MB-27	0.00003 J	0.00003 U	mg/L
				T1-13/10/06-SW-MB-4	0.00006 J	0.00006 U	mg/L
				T1-13/10/06-SW-MB-6	0.00003 J	0.00003 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00046 J	0.00046 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00037 J	0.00037 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00082 J	0.00082 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00032 J	0.00032 U	mg/L
VOCs	10/13/06	m&p-Xylene	0.00017	T1-12/10/06-SW-SLC-1	0.00036 J	0.00036 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00075 J	0.00075 U	mg/L
				T1-13/10/06-SW-MB-1	0.00017 J	0.00017 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00057 J	0.00057 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00026 J	0.00026 U	mg/L
VOCs	10/13/06	Acetone	0.0034	T1-12/10/06-SW-SLC-1	0.0038 J	0.0038 U	mg/L
				T1-12/10/06-SW-SLC-2	0.0038 J	0.0038 U	mg/L
				T1-13/10/06-SW-MB-1	0.011	0.011 U	mg/L
				T1-13/10/06-SW-MB-27	0.0083	0.0083 U	mg/L
				T1-13/10/06-SW-MB-4	0.0049 J	0.0049 U	mg/L
				T1-13/10/06-SW-MB-6	0.0042 J	0.0042 U	mg/L
				T1-13/10/06-SW-SLC-3	0.0062 J	0.0062 U	mg/L
				T1-13/10/06-SW-SLC-4	0.0090	0.0090 U	mg/L
				T1-13/10/06-SW-SLC-5	0.022	0.022 U	mg/L
				T1-13/10/06-SW-SLC-7	0.017	0.017 U	mg/L
VOCs	10/13/06	Benzene	0.00009	T1-12/10/06-SW-SLC-1	0.00035 J	0.00035 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00045 J	0.00045 U	mg/L
				T1-13/10/06-SW-MB-1	0.00011 J	0.00011 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00023 J	0.00023 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00019 J	0.00019 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/13/06	Benzene	0.00009	T1-13/10/06-SW-SLC-5	0.00037 J	0.00037 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00028 J	0.00028 U	mg/L
VOCs	10/13/06	Carbon disulfide	0.00006	T1-12/10/06-SW-SLC-1	0.0001 J	0.0001 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00011 J	0.00011 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-27	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-MB-4	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00009 J	0.00009 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00014 J	0.00014 U	mg/L
VOCs	10/17/06	Ethylbenzene	0.00007	T1-17/10/06-SE-GSUC-1(Refusal)	0.00031 J	0.00031 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Surface)	0.00090 J	0.00090 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.0015 J	0.0015 U	mg/kg
				T1-17/10/06-SE-MB-18(Mid)	0.0016 J	0.0016 U	mg/kg
				T1-17/10/06-SE-MB-20(Surface)	0.00044 J	0.00044 U	mg/kg
				T1-17/10/06-SE-MB-23(Surface)	0.00085 J	0.00085 U	mg/kg
				T1-17/10/06-SE-MB-26(Surface)	0.00056 J	0.00056 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.00035 J	0.00035 U	mg/kg
				T1-17/10/06-SE-MB-33(Surface)	0.00039 J	0.00039 U	mg/kg
VOCs	10/17/06	Toluene	0.00026	T1-17/10/06-SE-GSUC-1(Mid)	0.0027 J	0.0027 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Refusal)	0.00083 J	0.00083 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Surface)	0.00063 J	0.00063 U	mg/kg
				T1-17/10/06-SE-GSUC-2(Surface)	0.0027 J	0.0027 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.0010 J	0.0010 U	mg/kg
				T1-17/10/06-SE-MB-18(Mid)	0.0018 J	0.0018 U	mg/kg
				T1-17/10/06-SE-MB-18(Surface)	0.0022 J	0.0022 U	mg/kg
				T1-17/10/06-SE-MB-21(Refusal)	0.0011 J	0.0011 U	mg/kg
				T1-17/10/06-SE-MB-22(Surface)	0.00052 J	0.00052 U	mg/kg
				T1-17/10/06-SE-MB-23(Surface)	0.0045 J	0.0045 U	mg/kg
				T1-17/10/06-SE-MB-24(Mid)	0.0029 J	0.0029 U	mg/kg
				T1-17/10/06-SE-MB-24(Refusal)	0.0013 J	0.0013 U	mg/kg
				T1-17/10/06-SE-MB-26(Surface)	0.0014 J	0.0014 U	mg/kg

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	Toluene	0.00026	T1-17/10/06-SE-MB-28(Mid)	0.00082 J	0.00082 U	mg/kg
				T1-17/10/06-SE-MB-28(Refusal)	0.0011 J	0.0011 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.0014 J	0.0014 U	mg/kg
				T1-17/10/06-SE-MB-29(Surface)	0.0015 J	0.0015 U	mg/kg
				T1-17/10/06-SE-MB-30(Surface)	0.00085 J	0.00085 U	mg/kg
				T1-17/10/06-SE-MB-32(Surface)	0.00045 J	0.00045 U	mg/kg
				T1-17/10/06-SE-MB-33(Surface)	0.00021 J	0.00021 U	mg/kg
				T1-17/10/06-SE-MB-34(Surface)	0.0018 J	0.0018 U	mg/kg
VOCs	10/17/06	m&p-Xylene	0.0002	T1-17/10/06-SE-GSUC-1(Refusal)	0.0011 J	0.0011 U	mg/kg
				T1-17/10/06-SE-MB-21(Refusal)	0.0031 J	0.0031 U	mg/kg
				T1-17/10/06-SE-MB-26(Surface)	0.0011 J	0.0011 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.0012 J	0.0012 U	mg/kg
VOCs	10/17/06	Acetone	0.0016	T1-17/10/06-SE-MB-31(Surface)	0.037 J	0.037 U	mg/kg
				T1-17/10/06-SE-MB-35(Surface)	0.040 J	0.040 U	mg/kg
VOCs	10/17/06	Ethylbenzene	0.00006	T1-18/10/06-SW-JC-1	0.00015 J	0.00015 U	mg/L
				T1-18/10/06-SW-MB-10	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-14	0.00001 J	0.00001 U	mg/L
				T1-18/10/06-SW-MB-18	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00004 J	0.00004 U	mg/L
				T1-18/10/06-SW-MB-28	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-29	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00002 J	0.00002 U	mg/L
VOCs	10/17/06	1,2-Dichloroethane	0.00007	T1-18/10/06-SW-JC-1	0.00005 J	0.00005 U	mg/L
VOCs	10/17/06	Toluene	0.005	T1-18/10/06-SW-JC-1	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-10	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-13	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-14	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-18	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00012 J	0.00012 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	Toluene	0.005	T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00001 J	0.00001 U	mg/L
VOCs	10/17/06	m&p-Xylene	0.00012	T1-18/10/06-SW-MB-10	0.00011 J	0.00011 U	mg/L
				T1-18/10/06-SW-MB-28	0.00010 J	0.00010 U	mg/L
				T1-18/10/06-SW-MB-29	0.00011 J	0.00011 U	mg/L
VOCs	10/17/06	Acetone	0.0045	T1-18/10/06-SW-JC-1	0.0061 J	0.0061 U	mg/L
				T1-18/10/06-SW-MB-10	0.0027 J	0.0027 U	mg/L
				T1-18/10/06-SW-MB-13	0.0030 J	0.0030 U	mg/L
				T1-18/10/06-SW-MB-14	0.0038 J	0.0038 U	mg/L
				T1-18/10/06-SW-MB-18	0.0034 J	0.0034 U	mg/L
				T1-18/10/06-SW-MB-21	0.0034 J	0.0034 U	mg/L
				T1-18/10/06-SW-MB-24	0.0033 J	0.0033 U	mg/L
				T1-18/10/06-SW-MB-28	0.0042 J	0.0042 U	mg/L
				T1-18/10/06-SW-SLC-8	0.0063 J	0.0063 U	mg/L
VOCs	10/17/06	Chloroform (Trichloromethane)	0.00009	T1-18/10/06-SW-JC-1	0.00047 J	0.00047 U	mg/L
				T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-28	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00032 J	0.00032 U	mg/L
VOCs	10/17/06	Chloromethane (Methyl Chloride)	0.00017	T1-18/10/06-SW-JC-1	0.00024 J	0.00024 U	mg/L
				T1-18/10/06-SW-MB-10	0.00036 J	0.00036 U	mg/L
				T1-18/10/06-SW-MB-18	0.00064 J	0.00064 U	mg/L
				T1-18/10/06-SW-MB-21	0.00054 J	0.00054 U	mg/L
				T1-18/10/06-SW-MB-24	0.00020 J	0.00020 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00027 J	0.00027 U	mg/L
VOCs	10/17/06	Methylene chloride	0.00014	T1-18/10/06-SW-JC-1	0.00006 J	0.00006 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	Carbon disulfide	0.00015	T1-18/10/06-SW-JC-1	0.00012 J	0.00012 U	mg/L
				T1-18/10/06-SW-MB-10	0.00016 J	0.00016 U	mg/L
				T1-18/10/06-SW-MB-13	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-14	0.00036 J	0.00036 U	mg/L
				T1-18/10/06-SW-MB-18	0.00057 J	0.00057 U	mg/L
				T1-18/10/06-SW-MB-21	0.00027 J	0.00027 U	mg/L
				T1-18/10/06-SW-MB-24	0.00008 J	0.00008 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00006 J	0.00006 U	mg/L
VOCs	10/17/06	Toluene	0.00016	T1-18/10/06-SE-MB-13(Surface)	0.0015 J	0.0015 U	mg/kg
				T1-18/10/06-SE-MB-15(Surface)	0.0016 J	0.0016 U	mg/kg
				T1-18/10/06-SE-MB-16(Surface)	0.0011 J	0.0011 U	mg/kg
				T1-18/10/06-SE-MB-17(Surface)	0.00085 J	0.00085 U	mg/kg
VOCs	10/17/06	Acetone	0.004	T1-18/10/06-SE-MB-15(Surface)	0.073 J	0.073 U	mg/kg
				T1-18/10/06-SE-MB-16(Surface)	0.095 J	0.095 U	mg/kg
				T1-18/10/06-SE-MB-17(Surface)	0.087 J	0.087 U	mg/kg
VOCs	10/17/06	Carbon disulfide	0.00016	T1-18/10/06-SE-MB-13(Surface)	0.0017 J	0.0017 U	mg/kg
VOCs	10/17/06	2-Butanone (Methyl Ethyl Ketone)	0.001	T1-18/10/06-SE-MB-15(Surface)	0.0083 J	0.0083 U	mg/kg
				T1-18/10/06-SE-MB-16(Surface)	0.013 J	0.013 U	mg/kg
				T1-18/10/06-SE-MB-17(Surface)	0.010 J	0.010 U	mg/kg
VOCs	10/17/06	Ethylbenzene	0.00004	T1-19/10/06-SE-SLC-8(Surface)	0.00010 J	0.00010 U	mg/kg
VOCs	10/17/06	Toluene	0.0002	T1-19/10/06-SE-JC-2(Mid)	0.00086 J	0.00086 U	mg/kg
				T1-19/10/06-SE-JC-2(Refusal)	0.00097 J	0.00097 U	mg/kg
				T1-19/10/06-SE-JC-2(Surface)	0.0011 J	0.0011 U	mg/kg
				T1-19/10/06-SE-JC-3(Mid)	0.00036 J	0.00036 U	mg/kg
				T1-19/10/06-SE-JC-3(Refusal)	0.00043 J	0.00043 U	mg/kg
				T1-19/10/06-SE-JC-3(Surface)	0.00059 J	0.00059 U	mg/kg
				T1-19/10/06-SE-SLC-8(Mid)	0.00042 J	0.00042 U	mg/kg

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	Toluene	0.0002	T1-19/10/06-SE-SLC-8(Refusal)	0.00050 J	0.00050 U	mg/kg
				T1-19/10/06-SE-SLC-8(Surface)	0.00037 J	0.00037 U	mg/kg
VOCs	10/17/06	m&p-Xylene	0.001	T1-19/10/06-SE-JC-2(Mid)	0.0019 J	0.0019 U	mg/kg
				T1-19/10/06-SE-JC-2(Refusal)	0.0023 J	0.0023 U	mg/kg
				T1-19/10/06-SE-JC-2(Surface)	0.0013 J	0.0013 U	mg/kg
VOCs	10/17/06	Acetone	0.0021	T1-19/10/06-SE-JC-2(Mid)	0.031 J	0.031 U	mg/kg
				T1-19/10/06-SE-JC-2(Refusal)	0.025 J	0.025 U	mg/kg
				T1-19/10/06-SE-JC-2(Surface)	0.052 J	0.052 U	mg/kg
				T1-19/10/06-SE-JC-3(Mid)	0.061 J	0.061 U	mg/kg
				T1-19/10/06-SE-JC-3(Refusal)	0.054 J	0.054 U	mg/kg
				T1-19/10/06-SE-JC-3(Surface)	0.042 J	0.042 U	mg/kg
				T1-19/10/06-SE-SLC-8(Mid)	0.034 J	0.034 U	mg/kg
VOCs	10/17/06	Carbon disulfide	0.00011	T1-19/10/06-SE-JC-2(Refusal)	0.00048 J	0.00048 U	mg/kg
				T1-19/10/06-SE-JC-3(Mid)	0.00067 J	0.00067 U	mg/kg
				T1-19/10/06-SE-JC-3(Refusal)	0.00059 J	0.00059 U	mg/kg
				T1-19/10/06-SE-JC-3(Surface)	0.00038 J	0.00038 U	mg/kg
SVOCs	10/13/06	Acetophenone	0.00039	T1-13/10/06-SW-SLC-3	0.00020 J	0.00020 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00045 J	0.00045 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00060 J	0.00060 U	mg/L
				T1-13/10/06-SW-MB-27	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-SLC-7	0.0020 J	0.0020 U	mg/L
SVOCs	10/13/06	Benzaldehyde	0.00043	T1-13/10/06-SW-SLC-5	0.00021 J	0.00021 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00068 J	0.00068 U	mg/L
SVOCs	10/17/06	Benzaldehyde	0.23	T1-17/10/06-SE-MB-18(Surface)	0.14 J	0.14 U	mg/kg
			0.16	T1-17/10/06-SE-MB-18(Mid)	0.30 J	0.30 U	mg/kg
			0.18	T1-17/10/06-SE-MB-25(Surface)	.093 J	0.093 U	mg/kg
			0.11	T1-17/10/06-SE-MB-33(Surface)	.045 J	0.045 U	mg/kg

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
PAHs	10/13/06	2-Methylnaphthalene	0.0038	T1-12/10/06-SE-SLC-2(Mid)	0.005	0.005 U	mg/kg
			0.0031	T1-13/10/06-SE-MB-1(Refusal)	0.002 J	0.004 U	mg/kg
			0.0039	T1-13/10/06-SE-MB-4(Surface)	0.003 J	0.005 U	mg/kg
PAHs	10/13/06	2-Methylnaphthalene	0.00004	T1-13/10/06-SW-SLC-3	0.00004 J	0.00005 U	mg/L
			0.00004	T1-13/10/06-SW-SLC-4	0.0001	0.00005 U	mg/L
			0.00004	T1-13/10/06-SW-SLC-5	0.00008	0.00005 U	mg/L
			0.00004	T1-13/10/06-SW-MB-27	0.00008	0.00005 U	mg/L
			0.00004	T1-12/10/06-SW-SLC-2	0.00002 J	0.00005 U	mg/L
PAHs	10/13/06	Phenanthrene	0.00001	T1-12/10/06-SW-SLC-2	0.00001 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-MB-1	0.00001 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-SLC-3	0.00001 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-SLC-4	0.00002 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-SLC-7	0.00003 J	0.00005 U	mg/L
PAHs	10/13/06	Fluorene	0.00001	T1-12/10/06-SW-SLC-1	0.00002 J	0.00005 U	mg/L
			0.00001	T1-12/10/06-SW-SLC-2	0.00004 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-MB-1	0.00001 J	0.00005 U	mg/L
			0.00001	T1-13/10/06-SW-MB-6	0.00001 J	0.00005 U	mg/L
PAHs	10/13/06	Naphthalene	0.0067	T1-12/10/06-SE-SLC-2(Mid)	0.006 J	0.01 U	mg/kg
			0.0058	T1-12/10/06-SE-SLC-2(Refusal)	0.014	0.008 U	mg/kg
			0.0045	T1-13/10/06-SE-MB-1(Mid)	0.008	0.007 U	mg/kg
			0.0054	T1-13/10/06-SE-MB-1(Refusal)	0.003 J	0.008 U	mg/kg
			0.0062	T1-13/10/06-SE-SLC-4(Mid)	0.013	0.009 U	mg/kg
			0.0046	T1-13/10/06-SE-SLC-5(Surface)	0.013	0.007 U	mg/kg
			0.0068	T1-13/10/06-SE-MB-4(Surface)	0.004 J	0.01 U	mg/kg
			0.0044	T1-13/10/06-SE-MB-3(Surface)	0.008	0.006 U	mg/kg
PAHs	10/13/06	Naphthalene	0.00007	T1-13/10/06-SW-SLC-4	0.00005	0.00005 U	mg/L
			0.00007	T1-13/10/06-SW-SLC-5	0.00008	0.00005 U	mg/L
			0.00007	T1-13/10/06-SW-MB-27	0.00004 J	0.00005 U	mg/L
			0.00007	T1-13/10/06-SW-SLC-7	0.0001	0.00005 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
PAHs	10/17/06	2-Methylnaphthalene	0.0058	T1-17/10/06-SE-MB-20(Surface)	0.005 J	0.006 U	mg/kg
			0.0080	T1-17/10/06-SE-MB-22(Surface)	0.004 J	0.008 U	mg/kg
			0.0064	T1-17/10/06-SE-MB-25(Surface)	0.003 J	0.006 U	mg/kg
			0.0048	T1-17/10/06-SE-MB-35(Surface)	0.002 J	0.005 U	mg/kg
			0.0046	T1-17/10/06-SE-MB-31(Surface)	0.0009 J	0.002 U	mg/kg
			0.0044	T1-17/10/06-SE-MB-32(Surface)	0.002 J	0.004 U	mg/kg
			0.0077	T1-17/10/06-SE-MB-28(Refusal)	0.003 J	0.008 U	mg/kg
			0.0121	T1-17/10/06-SE-MB-34(Surface)	0.005 J	0.012 U	mg/kg
PAHs	10/17/06	Naphthalene	0.0256	T1-17/10/06-SE-MB-19(Surface)	0.008 J	0.013 U	mg/kg
			0.0227	T1-17/10/06-SE-MB-20(Surface)	0.010 J	0.011 U	mg/kg
			0.0315	T1-17/10/06-SE-MB-22(Surface)	0.005 J	0.016 U	mg/kg
			0.0252	T1-17/10/06-SE-MB-25(Surface)	0.006 J	0.013 U	mg/kg
			0.0188	T1-17/10/06-SE-MB-35(Surface)	0.020	0.009 U	mg/kg
			0.018	T1-17/10/06-SE-MB-31(Surface)	0.001 J	0.004 U	mg/kg
			0.0211	T1-17/10/06-SE-GSUC-1(Surface)	0.017	0.011 U	mg/kg
			0.0195	T1-17/10/06-SE-GSUC-1(Mid)	0.019	0.01 U	mg/kg
			0.0159	T1-17/10/06-SE-GSUC-1(Refusal)	0.012	0.008 U	mg/kg
			0.0174	T1-17/10/06-SE-MB-32(Surface)	0.003 J	0.009 U	mg/kg
			0.0328	T1-17/10/06-SE-MB-28(Surface)	0.013 J	0.016 U	mg/kg
			0.0318	T1-17/10/06-SE-MB-28(Mid)	0.008 J	0.016 U	mg/kg
			0.0305	T1-17/10/06-SE-MB-28(Refusal)	0.014 J	0.015 U	mg/kg
			0.0193	T1-17/10/06-SE-MB-30(Surface)	0.004 J	0.01 U	mg/kg
			0.0475	T1-17/10/06-SE-MB-34(Surface)	0.013 J	0.024 U	mg/kg
			0.0202	T1-17/10/06-SE-GSUC-3(Surface)	0.031	0.010 U	mg/kg
PAHs	10/18/06	Naphthalene	0.00002	T1-18/10/06-SW-MB-10	0.00001 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-18	0.00004 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-13	0.00001 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-14	0.00002 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-21	0.00002 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-SLC-8	0.00002 J	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-24	0.00008	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-28	0.00007	0.00005 U	mg/L
			0.00002	T1-18/10/06-SW-MB-29	0.00001 J	0.00005 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
PAHs	10/19/06	Naphthalene	0.00004	T1-19/10/06-SW-JC-3	0.00005	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-JC-6	0.00005	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-JC-7	0.00006	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-WR-1	0.00001 J	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-GSUC-1	0.00002 J	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-GSUC-2	0.00002 J	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-GSUC-3	0.00006	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-MB-32	0.0001	0.00005 U	mg/L
			0.00004	T1-19/10/06-SW-SLC-9	0.00001 J	0.00005 U	mg/L
PAHs	10/19/06	Naphthalene	0.0026	T1-19/10/06-SE-MB-27(Mid)	0.003 J	0.009 U	mg/kg
			0.0014	T1-19/10/06-SE-SLC-8(Surface)	0.003 J	0.005 U	mg/kg
			0.0016	T1-19/10/06-SE-SLC-8(Refusal)	0.002 J	0.005 U	mg/kg
			0.0015	T1-19/10/06-SE-JC-3(Refusal)	0.002 J	0.005 U	mg/kg
			0.0013	T1-19/10/06-SE-JC-7(Refusal)	0.002 J	0.004 U	mg/kg
Pesticides	10/13/06	gamma-Chlordane	0.00197	T1-13/10/06-SE-MB-1(Refusal)	0.0069 J	0.0069 U	mg/kg
				T1-13/10/06-SE-MB-2(Surface)	0.0026 J	0.0026 U	mg/kg
				T1-13/10/06-SE-MB-4(Surface)	0.0060 J	0.0060 U	mg/kg
Pesticides	10/18/06	gamma-Chlordane	0.000013	T1-18/10/06-SW-JC-1	0.0000059 J	0.0000059 U	mg/L
				T1-18/10/06-SW-MB-10	0.0000050 J	0.0000050 U	mg/L
				T1-18/10/06-SW-MB-21	0.0000032 J	0.0000032 U	mg/L
				T1-18/10/06-SW-MB-24	0.0000036 J	0.0000036 U	mg/L
				T1-18/10/06-SW-MB-28	0.0000042 J	0.0000042 U	mg/L
Metals	10/13/06	Mercury	0.00027	T1-12/10/06-SW-SLC-1	0.00014 J	0.00014 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-MB-1	0.000065 J	0.000065 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00012 J	0.00012 U	mg/L
				T1-13/10/06-SW-MB-4	0.000064 J	0.000064 U	mg/L
				T1-13/10/06-SW-MB-6	0.00017 J	0.00017 U	mg/L
				T1-13/10/06-SW-MB-27	0.000088 J	0.000088 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00012 J	0.00012 U	mg/L

TABLE 15

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
Metals	10/13/06	Mercury	0.104	T1-12/10/06-SE-SLC-2(Surface)	0.290 J	0.290 U	mg/Kg
			0.0968	T1-12/10/06-SE-SLC-2(Mid)	0.0978 J	0.0978 U	mg/Kg
			0.0827	T1-12/10/06-SE-SLC-2(Refusal)	0.228 J	0.228 U	mg/Kg
			0.0668	T1-13/10/06-SE-MB-1(Surface)	0.0583 J	0.0583 U	mg/Kg
			0.0646	T1-13/10/06-SE-MB-1(Mid)	0.0689 J	0.0689 U	mg/Kg
			0.0775	T1-13/10/06-SE-MB-1(Refusal)	0.118 J	0.118 U	mg/Kg
			0.0625	T1-13/10/06-SE-MB-2(Surface)	0.0412 J	0.0412 U	mg/Kg
			0.103	T1-13/10/06-SE-SLC-4(Surface)	0.292 J	0.292 U	mg/Kg
			0.0892	T1-13/10/06-SE-SLC-4(Mid)	0.138 J	0.138 U	mg/Kg
			0.0795	T1-13/10/06-SE-SLC-4(Refusal)	0.281	0.281 U	mg/Kg
			0.0663	T1-13/10/06-SE-SLC-5(Surface)	0.0860 J	0.0860 U	mg/Kg
			0.0775	T1-13/10/06-SE-SLC-5(Mid)	0.278	0.278 U	mg/Kg
			0.0608	T1-13/10/06-SE-SLC-5(Refusal)	0.189	0.189 U	mg/Kg
			0.0982	T1-13/10/06-SE-MB-4(Surface)	0.0631 J	0.0631 U	mg/Kg
			0.0626	T1-13/10/06-SE-MB-3(Surface)	0.105 J	0.105 U	mg/Kg
Metals	10/17/06	Silver	0.350	T1-17/10/06-SE-MB-21(Mid)	0.871 J	0.871 U	mg/Kg
			0.870	T1-17/10/06-SE-MB-18(Surface)	1.40 J	1.40 U	mg/Kg
			0.632	T1-17/10/06-SE-MB-18(Refusal)	1.97 J	1.97 U	mg/Kg
			1.09	T1-17/10/06-SE-MB-26(Surface)	3.25 J	3.25 U	mg/Kg
			0.568	T1-17/10/06-SE-GSUC-1(Surface)	0.921 J	0.921 U	mg/Kg
			0.525	T1-17/10/06-SE-GSUC-1(Mid)	0.824 J	0.824 U	mg/Kg
			0.529	T1-17/10/06-SE-GSUC-2(Mid)	1.14 J	1.14 U	mg/Kg
			0.405	T1-17/10/06-SE-GSUC-2(Refusal)	1.08 J	1.08 U	mg/Kg
			0.677	T1-17/10/06-SE-GSUC-3(Mid)	1.48 J	1.48 U	mg/Kg
			0.539	T1-17/10/06-SE-GSUC-3(Refusal)	1.52 J	1.52 U	mg/Kg

Notes:
[1] Blank results reflect individual sample volumes/dry weights and dilutions.
J Estimated.
PAHs Polynuclear Aromatic Hydrocarbons.
U Non-detect at associated value.
SVOCs Semi-volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.00036	T1-19/10/06-SO-JC-9(0-2)	0.017 J	0.017 U	mg/Kg
VOCs	10/19/06	Acetone	0.0087	T1-19/10/06-SO-JC-10(0-2)	0.02	0.02 U	mg/Kg
				T1-19/10/06-SO-JC-11(0-2)	0.015	0.015 U	mg/Kg
				T1-19/10/06-SO-JC-9(0-2)	0.2	0.2 U	mg/Kg
VOCs	10/19/06	Chloroform (Trichloromethane)	0.00014	T1-19/10/06-SO-JC-9(0-2)	0.0005 J	0.0005 U	mg/Kg
VOCs	10/19/06	Methylene chloride	0.00025	T1-19/10/06-SO-JC-8(0-2)	0.0033 J	0.0033 U	mg/Kg
				T1-19/10/06-SO-JC-9(0-2)	0.0011 J	0.0011 U	mg/Kg
VOCs	10/18/06	1,2,4-Trichlorobenzene	0.00029	T1-18/10/06-SW-MB-21	0.00032 J	0.00032 U	mg/L
VOCs	10/18/06	1,2-Dichlorobenzene	0.00008	T1-18/10/06-SW-MB-21	0.00009 J	0.00009 U	mg/L
VOCs	10/18/06	1,3-Dichlorobenzene	0.00008	T1-18/10/06-SW-MB-21	0.00008 J	0.00008 U	mg/L
VOCs	10/18/06	1,4-Dichlorobenzene	0.00008	T1-18/10/06-SW-MB-21	0.00010 J	0.00010 U	mg/L
VOCs	10/18/06	2-Butanone (Methyl Ethyl Ketone)	0.0027	T1-18/10/06-SW-SLC-8	0.00084 J	0.00084 U	mg/L
VOCs	10/18/06	Acetone	0.0067	T1-18/10/06-SW-MB-21	0.0034 J	0.0034 U	mg/L
				T1-18/10/06-SW-MB-24	0.0033 J	0.0033 U	mg/L
				T1-18/10/06-SW-MB-28	0.0042 J	0.0042 U	mg/L
				T1-18/10/06-SW-SLC-8	0.0063 J	0.0063 U	mg/L
VOCs	10/18/06	Carbon disulfide	0.00016	T1-18/10/06-SW-MB-21	0.00027 J	0.00027 U	mg/L
				T1-18/10/06-SW-MB-24	0.00008 J	0.00008 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00006 J	0.00006 U	mg/L
VOCs	10/18/06	Chloroform (Trichloromethane)	0.00017	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-28	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00032 J	0.00032 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/18/06	Chloromethane (Methyl Chloride)	0.00042	T1-18/10/06-SW-MB-21	0.00054 J	0.00054 U	mg/L
				T1-18/10/06-SW-MB-24	0.00020 J	0.00020 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00027 J	0.00027 U	mg/L
VOCs	10/18/06	Ethylbenzene	0.00009	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00004 J	0.00004 U	mg/L
				T1-18/10/06-SW-MB-28	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-29	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00002 J	0.00002 U	mg/L
VOCs	10/18/06	m&p-Xylene	0.00016	T1-18/10/06-SW-MB-28	0.00010 J	0.00010 U	mg/L
				T1-18/10/06-SW-MB-29	0.00011 J	0.00011 U	mg/L
VOCs	10/18/06	Styrene	0.00002	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00003 J	0.00003 U	mg/L
				T1-18/10/06-SW-MB-28	0.00004 J	0.00004 U	mg/L
				T1-18/10/06-SW-MB-29	0.00004 J	0.00004 U	mg/L
VOCs	10/18/06	Toluene	0.0065	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00012 J	0.00012 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00001 J	0.00001 U	mg/L
VOCs	10/19/06	1,2,4-Trichlorobenzene	0.00028	T1-19/10/06-SW-WR-2	0.00009 J	0.00009 U	mg/L
VOCs	10/19/06	1,2-Dichloropropane	0.0003	T1-19/10/06-SW-WR-1	0.00009 J	0.00009 U	mg/L
VOCs	10/19/06	1,3-Dichlorobenzene	0.00007	T1-19/10/06-SW-JC-7	0.00006 J	0.00006 U	mg/L
VOCs	10/19/06	1,4-Dichlorobenzene	0.00009	T1-19/10/06-SW-WR-2	0.00007 J	0.00007 U	mg/L
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.0025	T1-19/10/06-SW-SLC-9	0.0013 J	0.0013 U	mg/L
				T1-19/10/06-SW-WR-1	0.0018 J	0.0018 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Acetone	0.0087	T1-19/10/06-SW-GSUC-1	0.0022 J	0.0022 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.0037 J	0.0037 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.0050 J	0.0050 U	mg/L
				T1-19/10/06-SW-JC-2	0.0072 J	0.0072 U	mg/L
				T1-19/10/06-SW-JC-3	0.0047 J	0.0047 U	mg/L
				T1-19/10/06-SW-JC-4	0.0050 J	0.0050 U	mg/L
				T1-19/10/06-SW-JC-5	0.0029 J	0.0029 U	mg/L
				T1-19/10/06-SW-JC-6	0.0046 J	0.0046 U	mg/L
				T1-19/10/06-SW-JC-7	0.0034 J	0.0034 U	mg/L
				T1-19/10/06-SW-MB-32	0.0030 J	0.0030 U	mg/L
				T1-19/10/06-SW-SLC-9	0.0038 J	0.0038 U	mg/L
				T1-19/10/06-SW-WR-1	0.0044 J	0.0044 U	mg/L
				T1-19/10/06-SW-WR-2	0.0041 J	0.0041 U	mg/L
VOCs	10/19/06	Carbon disulfide	0.00019	T1-19/10/06-SW-GSUC-1	0.00007 J	0.00007 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00012 J	0.00012 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00027 J	0.00027 U	mg/L
				T1-19/10/06-SW-JC-2	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-JC-3	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-4	0.00029 J	0.00029 U	mg/L
				T1-19/10/06-SW-JC-5	0.00063 J	0.00063 U	mg/L
				T1-19/10/06-SW-MB-32	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-WR-1	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-WR-2	0.00017 J	0.00017 U	mg/L
VOCs	10/19/06	Chloroform (Trichloromethane)	0.00014	T1-19/10/06-SW-SLC-9	0.00029 J	0.00029 U	mg/L
				T1-19/10/06-SW-WR-1	0.00027 J	0.00027 U	mg/L
VOCs	10/19/06	Chloromethane (Methyl Chloride)	0.00026	T1-19/10/06-SW-GSUC-1	0.00018 J	0.00018 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00019 J	0.00019 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00023 J	0.00023 U	mg/L
				T1-19/10/06-SW-JC-2	0.00049 J	0.00049 U	mg/L
				T1-19/10/06-SW-MB-32	0.00029 J	0.00029 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Ethylbenzene	0.00007	T1-19/10/06-SW-GSUC-1	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00003 J	0.00003 U	mg/L
				T1-19/10/06-SW-JC-2	0.00019 J	0.00019 U	mg/L
				T1-19/10/06-SW-JC-3	0.00037 J	0.00037 U	mg/L
				T1-19/10/06-SW-JC-4	0.00007 J	0.00007 U	mg/L
				T1-19/10/06-SW-JC-5	0.00003 J	0.00003 U	mg/L
				T1-19/10/06-SW-JC-6	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-JC-7	0.00021 J	0.00021 U	mg/L
				T1-19/10/06-SW-MB-32	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-WR-2	0.00019 J	0.00019 U	mg/L
VOCs	10/19/06	m&p-Xylene	0.00013	T1-19/10/06-SW-GSUC-2	0.00008 J	0.00008 U	mg/L
				T1-19/10/06-SW-JC-3	0.0001 J	0.0001 U	mg/L
				T1-19/10/06-SW-JC-4	0.00014 J	0.00014 U	mg/L
				T1-19/10/06-SW-JC-5	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-JC-6	0.00012 J	0.00012 U	mg/L
VOCs	10/19/06	Methylene chloride	0.00025	T1-19/10/06-SW-GSUC-2	0.00009 J	0.00009 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-JC-2	0.00028 J	0.00028 U	mg/L
				T1-19/10/06-SW-JC-3	0.00041 J	0.00041 U	mg/L
				T1-19/10/06-SW-JC-4	0.00044 J	0.00044 U	mg/L
				T1-19/10/06-SW-JC-5	0.00042 J	0.00042 U	mg/L
				T1-19/10/06-SW-JC-6	0.00056 J	0.00056 U	mg/L
				T1-19/10/06-SW-WR-2	0.00025 J	0.00025 U	mg/L
VOCs	10/19/06	Styrene	0.00003	T1-19/10/06-SW-JC-2	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00005 J	0.00005 U	mg/L
				T1-19/10/06-SW-WR-1	0.00006 J	0.00006 U	mg/L
				T1-19/10/06-SW-WR-2	0.00003 J	0.00003 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Toluene	0.00099	T1-19/10/06-SW-GSUC-1	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00005 J	0.00005 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-JC-2	0.00014 J	0.00014 U	mg/L
				T1-19/10/06-SW-JC-3	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-4	0.00006 J	0.00006 U	mg/L
				T1-19/10/06-SW-JC-5	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-6	0.00004 J	0.00004 U	mg/L
				T1-19/10/06-SW-JC-7	0.00044 J	0.00044 U	mg/L
				T1-19/10/06-SW-MB-32	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-WR-1	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-WR-2	0.00016 J	0.00016 U	mg/L
VOCs	10/18/06	1,2,4-Trichlorobenzene	0.0003	T1-18/10/06-SE-JC-1(Mid)	0.00030 J	0.00030 U	mg/Kg
				T1-18/10/06-SE-JC-1(Surface)	0.0011 J	0.0011 U	mg/Kg
VOCs	10/18/06	1,2-Dichloropropane	0.0003	T1-18/10/06-SE-SLC-9(Mid)	0.00028 J	0.00028 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Refusal)	0.00047 J	0.00047 U	mg/Kg
VOCs	10/18/06	1,3-Dichlorobenzene	0.00008	T1-18/10/06-SE-JC-1(Mid)	0.00019 J	0.00019 U	mg/Kg
VOCs	10/18/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-18/10/06-SE-JC-1(Mid)	0.0035 J	0.0035 U	mg/Kg
				T1-18/10/06-SE-JC-1(Surface)	0.012 J	0.012 U	mg/Kg
				T1-18/10/06-SE-MB-6(Surface)	0.0097 J	0.0097 U	mg/Kg
				T1-18/10/06-SE-MB-11(Surface)	0.0055 J	0.0055 U	mg/Kg
				T1-18/10/06-SE-SLC-9(Surface)	0.0040 J	0.0040 U	mg/Kg
				T1-19/10/06-SE-MB-27(Surface)	0.0074 J	0.0074 U	mg/Kg
				T1-19/10/06-SE-MB-27(Mid)	0.0042 J	0.0042 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Mid)	0.0038 J	0.0038 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Refusal)	0.0033 J	0.0033 U	mg/Kg
				T1-19/10/06-SE-SLC-3(Surface)	0.0043 J	0.0043 U	mg/Kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*		*Units*
VOCs	10/18/06	Acetone	0.0087	T1-18/10/06-SE-JC-1(Mid)	0.030	0.030	U	mg/Kg
				T1-18/10/06-SE-JC-1(Refusal)	0.025	0.025	U	mg/Kg
				T1-18/10/06-SE-JC-1(Surface)	0.084	0.084	U	mg/Kg
				T1-18/10/06-SE-MB-6(Surface)	0.076	0.076	U	mg/Kg
				T1-18/10/06-SE-MB-11(Surface)	0.048	0.048	U	mg/Kg
				T1-18/10/06-SE-SLC-9(Mid)	0.010 J	0.010	U	mg/Kg
				T1-18/10/06-SE-SLC-9(Refusal)	0.010 J	0.010	U	mg/Kg
				T1-18/10/06-SE-SLC-9(Surface)	0.032	0.032	U	mg/Kg
				T1-19/10/06-SE-MB-27(Surface)	0.077	0.077	U	mg/Kg
				T1-19/10/06-SE-MB-27(Mid)	0.057	0.057	U	mg/Kg
				T1-19/10/06-SE-MB-27(Refusal)	0.023	0.023	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Mid)	0.048	0.048	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Refusal)	0.038	0.038	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Surface)	0.040	0.040	U	mg/Kg
				T1-19/10/06-SE-SLC-6(Refusal)	0.19	0.19	U	mg/Kg
VOCs	10/18/06	Ethylbenzene	0.00009	T1-18/10/06-SE-JC-1(Surface)	0.00041 J	0.00041	U	mg/Kg
				T1-18/10/06-SE-MB-6(Surface)	0.00028 J	0.00028	U	mg/Kg
				T1-18/10/06-SE-MB-11(Surface)	0.00019 J	0.00019	U	mg/Kg
				T1-19/10/06-SE-MB-27(Surface)	0.00021 J	0.00021	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Surface)	0.00017 J	0.00017	U	mg/Kg
VOCs	10/18/06	m&p-Xylene	0.00016	T1-18/10/06-SE-JC-1(Surface)	0.00037 J	0.00037	U	mg/Kg
				T1-19/10/06-SE-MB-27(Surface)	0.00055 J	0.00055	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Surface)	0.00051 J	0.00051	U	mg/Kg
VOCs	10/18/06	Methylene chloride	0.00037	T1-18/10/06-SE-JC-1(Mid)	0.0023 J	0.0023	U	mg/Kg
				T1-18/10/06-SE-JC-1(Refusal)	0.0017 J	0.0017	U	mg/Kg
				T1-18/10/06-SE-SLC-9(Refusal)	0.0033 J	0.0033	U	mg/Kg
				T1-19/10/06-SE-SLC-3(Refusal)	0.00096 J	0.00096	U	mg/Kg
VOCs	10/18/06	Toluene	0.0065	T1-18/10/06-SE-MB-10(Surface)	0.033 J	0.033	U	mg/Kg
				T1-19/10/06-SE-SLC-6(Refusal)	0.0045 J	0.0045	U	mg/Kg
VOCs	10/18/06	1,2-Dichlorobenzene	0.00008	T1-18/10/06-SE-MB-7(Surface)	0.00086 J	0.00086	U	mg/Kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/18/06	1,3-Dichlorobenzene	0.00008	T1-18/10/06-SE-MB-7(Surface)	0.00068 J	0.00068 U	mg/Kg
VOCs	10/18/06	1,4-Dichlorobenzene	0.00012	T1-18/10/06-SE-MB-7(Surface)	0.0011 J	0.0011 U	mg/Kg
VOCs	10/18/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-18/10/06-SE-MB-5(Surface)	0.0035 J	0.0035 U	mg/Kg
				T1-18/10/06-SE-MB-7(Surface)	0.018 J	0.018 U	mg/Kg
				T1-18/10/06-SE-MB-8(Surface)	0.0098 J	0.0098 U	mg/Kg
VOCs	10/18/06	Acetone	0.0068	T1-18/10/06-SE-MB-5(Surface)	0.026	0.026 U	mg/Kg
				T1-18/10/06-SE-MB-7(Surface)	0.15	0.15 U	mg/Kg
				T1-18/10/06-SE-MB-8(Surface)	0.075	0.075 U	mg/Kg
VOCs	10/18/06	Chloroform (Trichloromethane)	0.00021	T1-18/10/06-SE-MB-12(Surface)	0.00037 J	0.00037 U	mg/Kg
VOCs	10/18/06	Methylene chloride	0.00037	T1-18/10/06-SE-MB-5(Surface)	0.0015 J	0.0015 U	mg/Kg
				T1-18/10/06-SE-MB-7(Surface)	0.0070 J	0.0070 U	mg/Kg
				T1-18/10/06-SE-MB-8(Surface)	0.0060 J	0.0060 U	mg/Kg
				T1-18/10/06-SE-MB-12(Surface)	0.0037 J	0.0037 U	mg/Kg
VOCs	10/18/06	1,2,4-Trichlorobenzene	0.003	T1-18/10/06-SW-MB-10	0.00035 J	0.00035 U	mg/L
VOCs	10/18/06	1,2-Dichlorobenzene	0.00008	T1-18/10/06-SW-MB-10	0.0001 J	0.0001 U	mg/L
VOCs	10/18/06	1,3-Dichlorobenzene	0.00007	T1-18/10/06-SW-MB-10	0.00009 J	0.00009 U	mg/L
VOCs	10/18/06	1,4-Dichlorobenzene	0.00012	T1-18/10/06-SW-MB-10	0.00012 J	0.00012 U	mg/L
VOCs	10/18/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-13/10/06-SW-SLC-7	0.00087 J	0.00087 U	mg/L
VOCs	10/18/06	Acetone	0.0075	T1-12/10/06-SW-SLC-1	0.0038 J	0.0038 U	mg/L
				T1-12/10/06-SW-SLC-2	0.0038 J	0.0038 U	mg/L
				T1-13/10/06-SW-MB-1	0.011	0.011 U	mg/L
				T1-13/10/06-SW-MB-27	0.0083	0.0083 U	mg/L
				T1-13/10/06-SW-MB-4	0.0049 J	0.0049 U	mg/L
				T1-13/10/06-SW-MB-6	0.0042 J	0.0042 U	mg/L
				T1-13/10/06-SW-SLC-3	0.0062 J	0.0062 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/18/06	Acetone	0.0075	T1-13/10/06-SW-SLC-4	0.0090	0.0090 U	mg/L
				T1-13/10/06-SW-SLC-5	0.022	0.022 U	mg/L
				T1-13/10/06-SW-SLC-7	0.017	0.017 U	mg/L
				T1-18/10/06-SW-JC-1	0.0061 J	0.0061 U	mg/L
				T1-18/10/06-SW-MB-10	0.0027 J	0.0027 U	mg/L
				T1-18/10/06-SW-MB-13	0.0030 J	0.0030 U	mg/L
				T1-18/10/06-SW-MB-14	0.0038 J	0.0038 U	mg/L
				T1-18/10/06-SW-MB-18	0.0034 J	0.0034 U	mg/L
VOCs	10/18/06	Carbon disulfide	0.00023	T1-12/10/06-SW-SLC-1	0.0001 J	0.0001 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00011 J	0.00011 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-27	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-MB-4	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-MB-6	0.00036 J	0.00036 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00009 J	0.00009 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00014 J	0.00014 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-JC-1	0.00012 J	0.00012 U	mg/L
				T1-18/10/06-SW-MB-10	0.00016 J	0.00016 U	mg/L
				T1-18/10/06-SW-MB-13	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-14	0.00036 J	0.00036 U	mg/L
				T1-18/10/06-SW-MB-18	0.00057 J	0.00057 U	mg/L
VOCs	10/18/06	Chloroform (Trichloromethane)	0.0023	T1-13/10/06-SW-SLC-4	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00012 J	0.00012 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00023 J	0.00023 U	mg/L
				T1-18/10/06-SW-JC-1	0.00047 J	0.00047 U	mg/L
VOCs	10/18/06	Chloromethane (Methyl Chloride)	0.00035	T1-13/10/06-SW-MB-1	0.00020 J	0.00020 U	mg/L
				T1-13/10/06-SW-MB-4	0.00026 J	0.00026 U	mg/L
				T1-13/10/06-SW-MB-6	0.00020 J	0.00020 U	mg/L
				T1-18/10/06-SW-JC-1	0.00024 J	0.00024 U	mg/L
				T1-18/10/06-SW-MB-10	0.00036 J	0.00036 U	mg/L
				T1-18/10/06-SW-MB-13	0.00092 J	0.00092 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/18/06	Chloromethane (Methyl Chloride)	0.00035	T1-18/10/06-SW-MB-14	0.0013 J	0.0013 U	mg/L
				T1-18/10/06-SW-MB-18	0.00064 J	0.00064 U	mg/L
VOCs	10/18/06	Ethylbenzene	0.00007	T1-12/10/06-SW-SLC-1	0.00022 J	0.00022 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-MB-1	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-MB-4	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-MB-6	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00013 J	0.00013 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00012 J	0.00012 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00021 J	0.00021 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00011 J	0.00011 U	mg/L
				T1-18/10/06-SW-JC-1	0.00015 J	0.00015 U	mg/L
				T1-18/10/06-SW-MB-10	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-14	0.00001 J	0.00001 U	mg/L
				T1-18/10/06-SW-MB-18	0.00002 J	0.00002 U	mg/L
VOCs	10/18/06	m&p-Xylene	0.00011	T1-12/10/06-SW-SLC-1	0.00036 J	0.00036 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00075 J	0.00075 U	mg/L
				T1-13/10/06-SW-MB-1	0.00017 J	0.00017 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00028 J	0.00028 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00057 J	0.00057 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00026 J	0.00026 U	mg/L
				T1-18/10/06-SW-MB-10	0.00011 J	0.00011 U	mg/L
VOCs	10/18/06	Methylene chloride	0.00017	T1-18/10/06-SW-JC-1	0.00006 J	0.00006 U	mg/L
VOCs	10/18/06	Styrene	0.00002	T1-12/10/06-SW-SLC-1	0.00005 J	0.00005 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00005 J	0.00005 U	mg/L
				T1-13/10/06-SW-MB-27	0.00007 J	0.00007 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-JC-1	0.00008 J	0.00008 U	mg/L
				T1-18/10/06-SW-MB-10	0.00003 J	0.00003 U	mg/L
				T1-18/10/06-SW-MB-13	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-18	0.00003 J	0.00003 U	mg/L

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/18/06	Toluene	0.00013	T1-12/10/06-SW-SLC-1	0.00047 J	0.00047 U	mg/L
				T1-12/10/06-SW-SLC-2	0.00084 J	0.00084 U	mg/L
				T1-13/10/06-SW-MB-1	0.00022 J	0.00022 U	mg/L
				T1-13/10/06-SW-MB-27	0.00003 J	0.00003 U	mg/L
				T1-13/10/06-SW-MB-4	0.00006 J	0.00006 U	mg/L
				T1-13/10/06-SW-MB-6	0.00003 J	0.00003 U	mg/L
				T1-13/10/06-SW-SLC-3	0.00046 J	0.00046 U	mg/L
				T1-13/10/06-SW-SLC-4	0.00037 J	0.00037 U	mg/L
				T1-13/10/06-SW-SLC-5	0.00082 J	0.00082 U	mg/L
				T1-13/10/06-SW-SLC-7	0.00032 J	0.00032 U	mg/L
				T1-18/10/06-SW-JC-1	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-10	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-13	0.00002 J	0.00002 U	mg/L
				T1-18/10/06-SW-MB-14	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-18	0.00005 J	0.00005 U	mg/L
VOCs	10/13/06	Ethylbenzene	0.00005	T1-12/10/06-SE-SLC-2(Refusal)	0.00016 J	0.00016 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.00015 J	0.00015 U	mg/kg
				T1-13/10/06-SE-MB-1(Surface)	0.00014 J	0.00014 U	mg/kg
				T1-13/10/06-SE-SLC-4(Mid)	0.00022 J	0.00022 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.00024 J	0.00024 U	mg/kg
VOCs	10/13/06	Toluene	0.00012	T1-12/10/06-SE-SLC-1(Mid)	0.00014 J	0.00014 U	mg/kg
				T1-12/10/06-SE-SLC-1(Refusal)	0.00052 J	0.00052 U	mg/kg
				T1-12/10/06-SE-SLC-2(Mid)	0.00053 J	0.00053 U	mg/kg
				T1-12/10/06-SE-SLC-2(Refusal)	0.00032 J	0.00032 U	mg/kg
				T1-13/10/06-SE-MB-1(Refusal)	0.00050 J	0.00050 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.00031 J	0.00031 U	mg/kg
VOCs	10/13/06	Acetone	0.0023	T1-12/10/06-SE-SLC-1(Refusal)	0.011 J	0.011 U	mg/kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/13/06	Methylene chloride	0.00024	T1-12/10/06-SE-SLC-2(Surface)	0.00079 J	0.00079 U	mg/kg
				T1-13/10/06-SE-MB-1(Mid)	0.0019 J	0.0019 U	mg/kg
				T1-13/10/06-SE-SLC-4(Mid)	0.00076 J	0.00076 U	mg/kg
				T1-13/10/06-SE-SLC-4(Surface)	0.0013 J	0.0013 U	mg/kg
				T1-13/10/06-SE-SLC-5(Surface)	0.0013 J	0.0013 U	mg/kg
VOCs	10/13/06	Carbon disulfide	0.0001	T1-12/10/06-SE-SLC-1(Mid)	0.00030 J	0.00030 U	mg/kg
				T1-12/10/06-SE-SLC-1(Surface)	0.00019 J	0.00019 U	mg/kg
VOCs	10/17/06	1,4-Dichlorobenzene	0.00014	T1-17/10/06-SE-MB-18(Mid)	0.00057 J	0.00057 U	mg/kg
VOCs	10/17/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-17/10/06-SE-MB-18(Mid)	0.016 J	0.016 U	mg/kg
				T1-17/10/06-SE-MB-18(Surface)	0.026 J	0.026 U	mg/kg
				T1-17/10/06-SE-MB-19(Surface)	0.0059 J	0.0059 U	mg/kg
				T1-17/10/06-SE-MB-20(Surface)	0.0047 J	0.0047 U	mg/kg
				T1-17/10/06-SE-MB-21(Refusal)	0.013 J	0.013 U	mg/kg
				T1-17/10/06-SE-MB-22(Surface)	0.011 J	0.011 U	mg/kg
				T1-17/10/06-SE-MB-23(Surface)	0.022 J	0.022 U	mg/kg
				T1-17/10/06-SE-MB-24(Mid)	0.016 J	0.016 U	mg/kg
				T1-17/10/06-SE-MB-24(Refusal)	0.013 J	0.013 U	mg/kg
				T1-17/10/06-SE-MB-25(Surface)	0.0078 J	0.0078 U	mg/kg
				T1-17/10/06-SE-MB-26(Surface)	0.021 J	0.021 U	mg/kg
				T1-17/10/06-SE-MB-29(Surface)	0.015 J	0.015 U	mg/kg
				T1-17/10/06-SE-MB-33(Surface)	0.0078 J	0.0078 U	mg/kg
				T1-17/10/06-SE-MB-35(Surface)	0.0060 J	0.0060 U	mg/kg
VOCs	10/17/06	Acetone	0.0075	T1-17/10/06-SE-MB-20(Surface)	0.060 J	0.060 U	mg/kg
				T1-17/10/06-SE-MB-25(Surface)	0.068 J	0.068 U	mg/kg
				T1-17/10/06-SE-MB-31(Surface)	0.037 J	0.037 U	mg/kg
				T1-17/10/06-SE-MB-35(Surface)	0.040 J	0.040 U	mg/kg
VOCs	10/17/06	Benzene	0.00008	T1-17/10/06-SE-MB-24(Refusal)	0.00081 J	0.00081 U	mg/kg
VOCs	10/17/06	Methylene chloride	0.0016	T1-17/10/06-SE-MB-22(Surface)	0.0023 J	0.0023 U	mg/kg
				T1-17/10/06-SE-MB-33(Surface)	0.00075 J	0.00075 U	mg/kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	Toluene	0.00019	T1-17/10/06-SE-MB-22(Surface)	0.00052 J	0.00052 U	mg/kg
				T1-17/10/06-SE-MB-33(Surface)	0.00021 J	0.00021 U	mg/kg
VOCs	10/17/06	2-Butanone (Methyl Ethyl Ketone)	0.0029	T1-17/10/06-SE-GSUC-1(Refusal)	0.017 J	0.017 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Surface)	0.015 J	0.015 U	mg/kg
				T1-17/10/06-SE-GSUC-2(Surface)	0.028 J	0.028 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.017 J	0.017 U	mg/kg
				T1-17/10/06-SE-MB-28(Mid)	0.011 J	0.011 U	mg/kg
				T1-17/10/06-SE-MB-28(Refusal)	0.0094 J	0.0094 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.018 J	0.018 U	mg/kg
				T1-17/10/06-SE-MB-30(Surface)	0.0077 J	0.0077 U	mg/kg
				T1-17/10/06-SE-MB-32(Surface)	0.0069 J	0.0069 U	mg/kg
				T1-17/10/06-SE-MB-34(Surface)	0.027 J	0.027 U	mg/kg
VOCs	10/17/06	Carbon disulfide	0.00012	T1-17/10/06-SE-GSUC-1(Refusal)	0.0050 J	0.0050 U	mg/kg
VOCs	10/17/06	Methylene chloride	0.00093	T1-17/10/06-SE-GSUC-1(Refusal)	0.0057 J	0.0057 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.0064 J	0.0064 U	mg/kg
VOCs	10/17/06	Toluene	0.00012	T1-17/10/06-SE-MB-32(Surface)	0.00045 J	0.00045 U	mg/kg
VOCs	10/19/06	Ethylbenzene	0.00005	T1-19/10/06-SE-SLC-8(Surface)	0.00010 J	0.00010 U	mg/kg
VOCs	10/19/06	Toluene	0.00022	T1-18/10/06-SE-MB-17(Surface)	0.00085 J	0.00085 U	mg/kg
				T1-19/10/06-SE-JC-2(Mid)	0.00086 J	0.00086 U	mg/kg
				T1-19/10/06-SE-JC-2(Refusal)	0.00097 J	0.00097 U	mg/kg
				T1-19/10/06-SE-JC-3(Mid)	0.00036 J	0.00036 U	mg/kg
				T1-19/10/06-SE-JC-3(Refusal)	0.00043 J	0.00043 U	mg/kg
				T1-19/10/06-SE-JC-3(Surface)	0.00059 J	0.00059 U	mg/kg
				T1-19/10/06-SE-SLC-8(Mid)	0.00042 J	0.00042 U	mg/kg
				T1-19/10/06-SE-SLC-8(Refusal)	0.00050 J	0.00050 U	mg/kg
				T1-19/10/06-SE-SLC-8(Surface)	0.00037 J	0.00037 U	mg/kg
VOCs	10/19/06	Acetone	0.0028	T1-19/10/06-SE-JC-2(Refusal)	0.025 J	0.025 U	mg/kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Carbon disulfide	0.0023	T1-19/10/06-SE-JC-2(Refusal)	0.00048 J	0.00048 U	mg/kg
					0.00067 J	0.00067 U	mg/kg
					0.00059 J	0.00059 U	mg/kg
					0.00038 J	0.00038 U	mg/kg
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.0023	T1-18/10/06-SE-MB-15(Surface)	0.0083 J	0.0083 U	mg/kg
				T1-18/10/06-SE-MB-16(Surface)	0.013 J	0.013 U	mg/kg
				T1-18/10/06-SE-MB-17(Surface)	0.010 J	0.010 U	mg/kg
				T1-19/10/06-SE-JC-2(Mid)	0.0029 J	0.0029 U	mg/kg
				T1-19/10/06-SE-JC-2(Refusal)	0.0025 J	0.0025 U	mg/kg
				T1-19/10/06-SE-JC-2(Surface)	0.0052 J	0.0052 U	mg/kg
				T1-19/10/06-SE-JC-3(Mid)	0.0082 J	0.0082 U	mg/kg
				T1-19/10/06-SE-JC-3(Refusal)	0.0062 J	0.0062 U	mg/kg
				T1-19/10/06-SE-JC-3(Surface)	0.0045 J	0.0045 U	mg/kg
				T1-19/10/06-SE-SLC-8(Refusal)	0.0058 J	0.0058 U	mg/kg
				T1-19/10/06-SE-SLC-8(Surface)	0.011 J	0.011 U	mg/kg
VOCs	10/19/06	Methylene chloride	0.00018	T1-18/10/06-SE-MB-13(Surface)	0.0086 J	0.0086 U	mg/kg
VOCs	10/19/06	1,2-Dichlorobenzene	0.00008	T1-18/10/06-SE-SLC-7(Surface)	0.00014 J	0.00014 U	mg/kg
				T1-19/10/06-SE-JC-6(Surface)	0.00034 J	0.00034 U	mg/kg
VOCs	10/19/06	1,2-Dichloroethane	0.00011	T1-19/10/06-SE-JC-7(Mid)	0.00020 J	0.00020 U	mg/kg
VOCs	10/19/06	1,2-Dichloropropane	0.0003	T1-19/10/06-SE-JC-5(Refusal)	0.0020 J	0.0020 U	mg/kg
				T1-19/10/06-SE-JC-5(Surface)	0.0011 J	0.0011 U	mg/kg
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-18/10/06-SE-MB-9(Surface)	0.0056 J	0.0056 U	mg/kg
				T1-18/10/06-SE-SLC-7(Surface)	0.012	0.012 U	mg/kg
				T1-19/10/06-SE-JC-4(Mid)	0.0034 J	0.0034 U	mg/kg
				T1-19/10/06-SE-JC-4(Refusal)	0.0023 J	0.0023 U	mg/kg
				T1-19/10/06-SE-JC-5(Mid)	0.011 J	0.011 U	mg/kg
				T1-19/10/06-SE-JC-5(Refusal)	0.0067 J	0.0067 U	mg/kg
				T1-19/10/06-SE-JC-5(Surface)	0.0060 J	0.0060 U	mg/kg
				T1-19/10/06-SE-JC-6(Mid)	0.0033 J	0.0033 U	mg/kg
				T1-19/10/06-SE-JC-6(Surface)	0.0068 J	0.0068 U	mg/kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.0031	T1-19/10/06-SE-JC-7(Mid)	0.0033 J	0.0033 U	mg/kg
				T1-19/10/06-SE-JC-7(Refusal)	0.0026 J	0.0026 U	mg/kg
				T1-19/10/06-SE-JC-7(Surface)	0.021 J	0.021 U	mg/kg
VOCs	10/19/06	Carbon disulfide	0.00024	T1-19/10/06-SE-JC-4(Mid)	0.00066 J	0.00066 U	mg/kg
				T1-19/10/06-SE-JC-4(Refusal)	0.00041 J	0.00041 U	mg/kg
				T1-19/10/06-SE-JC-4(Surface)	0.00025 J	0.00025 U	mg/kg
				T1-19/10/06-SE-JC-6(Mid)	0.00075 J	0.00075 U	mg/kg
				T1-19/10/06-SE-JC-6(Refusal)	0.00068 J	0.00068 U	mg/kg
				T1-19/10/06-SE-JC-7(Mid)	0.00097 J	0.00097 U	mg/kg
VOCs	10/19/06	Chloroform (Trichloromethane)	0.00021	T1-19/10/06-SE-JC-5(Refusal)	0.00059 J	0.00059 U	mg/kg
VOCs	10/19/06	Ethylbenzene	0.00009	T1-18/10/06-SE-SLC-7(Refusal)	0.00009 J	0.00009 U	mg/kg
				T1-18/10/06-SE-SLC-7(Surface)	0.00021 J	0.00021 U	mg/kg
VOCs	10/19/06	m&p-Xylene	0.00016	T1-18/10/06-SE-SLC-7(Surface)	0.00073 J	0.00073 U	mg/kg
				T1-19/10/06-SE-JC-5(Surface)	0.00029 J	0.00029 U	mg/kg
				T1-19/10/06-SE-JC-6(Mid)	0.00075 J	0.00075 U	mg/kg
				T1-19/10/06-SE-JC-7(Refusal)	0.00083 J	0.00083 U	mg/kg
VOCs	10/19/06	Methylene chloride	0.00037	T1-18/10/06-SE-SLC-7(Surface)	0.0020 J	0.0020 U	mg/kg
				T1-19/10/06-SE-JC-4(Mid)	0.00045 J	0.00045 U	mg/kg
				T1-19/10/06-SE-JC-4(Refusal)	0.0034 J	0.0034 U	mg/kg
				T1-19/10/06-SE-JC-5(Refusal)	0.00081 J	0.00081 U	mg/kg
				T1-19/10/06-SE-JC-5(Surface)	0.0034 J	0.0034 U	mg/kg
				T1-19/10/06-SE-JC-6(Surface)	0.0010 J	0.0010 U	mg/kg
				T1-19/10/06-SE-JC-7(Refusal)	0.0022 J	0.0022 U	mg/kg
VOCs	10/19/06	Acetone	0.0087	T1-18/10/06-SE-MB-9(Surface)	0.068	0.068 U	mg/kg
				T1-18/10/06-SE-SLC-7(Mid)	0.0095 J	0.0095 U	mg/kg
				T1-19/10/06-SE-JC-4(Mid)	0.027	0.027 U	mg/kg
				T1-19/10/06-SE-JC-4(Refusal)	0.031	0.031 U	mg/kg
				T1-19/10/06-SE-JC-4(Surface)	0.019	0.019 U	mg/kg
				T1-19/10/06-SE-JC-5(Refusal)	0.079	0.079 U	mg/kg
				T1-19/10/06-SE-JC-5(Surface)	0.047	0.047 U	mg/kg

TABLE 16

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result* [1]	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*		*Units*
VOCs	10/19/06	Acetone	0.0087	T1-19/10/06-SE-JC-6(Mid)	0.033	0.033	U	mg/kg
				T1-19/10/06-SE-JC-6(Refusal)	0.021	0.021	U	mg/kg
				T1-19/10/06-SE-JC-6(Surface)	0.033	0.033	U	mg/kg

Notes:

(1) Blank results reflect individual sample volumes/dry weights and dilutions.
J Estimated.
U Non-detect at associated value.
VOCs Volatile Organic Compounds.

TABLE 17

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE FIELD BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Field Blank Date*	*Analyte*	*Blank Result* [1]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Ethylbenzene	0.00007	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00004 J	0.00004 U	mg/L
				T1-18/10/06-SW-MB-28	0.00006 J	0.00006 U	mg/L
				T1-18/10/06-SW-MB-29	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-1	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00003 J	0.00003 U	mg/L
				T1-19/10/06-SW-JC-2	0.00019 J	0.00019 U	mg/L
				T1-19/10/06-SW-JC-3	0.00037 J	0.00037 U	mg/L
				T1-19/10/06-SW-JC-4	0.00007 J	0.00007 U	mg/L
				T1-19/10/06-SW-JC-5	0.00003 J	0.00003 U	mg/L
				T1-19/10/06-SW-JC-6	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-JC-7	0.00021 J	0.00021 U	mg/L
				T1-19/10/06-SW-MB-32	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-WR-2	0.00019 J	0.00019 U	mg/L
VOCs	10/19/06	1,4-Dichlorobenzene	0.00005	T1-18/10/06-SW-MB-21	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-WR-2	0.00007 J	0.00007 U	mg/L
VOCs	10/19/06	Toluene	0.00099	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00012 J	0.00012 U	mg/L
				T1-18/10/06-SW-MB-28	0.00013 J	0.00013 U	mg/L
				T1-18/10/06-SW-MB-29	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-GSUC-1	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00005 J	0.00005 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-JC-2	0.00014 J	0.00014 U	mg/L
				T1-19/10/06-SW-JC-3	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-4	0.00006 J	0.00006 U	mg/L
				T1-19/10/06-SW-JC-5	0.00015 J	0.00015 U	mg/L
				T1-19/10/06-SW-JC-6	0.00004 J	0.00004 U	mg/L
				T1-19/10/06-SW-JC-7	0.00044 J	0.00044 U	mg/L
				T1-19/10/06-SW-MB-32	0.00002 J	0.00002 U	mg/L

TABLE 17

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE FIELD BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Field Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Toluene	0.00099	T1-19/10/06-SW-SLC-9	0.00002 J	0.00002 U	mg/L
				T1-19/10/06-SW-WR-1	0.00001 J	0.00001 U	mg/L
				T1-19/10/06-SW-WR-2	0.00016 J	0.00016 U	mg/L
VOCs	10/19/06	m&p-Xylene	0.00012	T1-18/10/06-SW-MB-28	0.00010 J	0.00010 U	mg/L
				T1-18/10/06-SW-MB-29	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.00008 J	0.00008 U	mg/L
				T1-19/10/06-SW-JC-3	0.0001 J	0.0001 U	mg/L
				T1-19/10/06-SW-JC-4	0.00014 J	0.00014 U	mg/L
				T1-19/10/06-SW-JC-5	0.00011 J	0.00011 U	mg/L
				T1-19/10/06-SW-JC-6	0.00012 J	0.00012 U	mg/L
VOCs	10/19/06	Acetone	0.0062	T1-18/10/06-SW-MB-21	0.0034 J	0.0034 U	mg/L
				T1-18/10/06-SW-MB-24	0.0033 J	0.0033 U	mg/L
				T1-18/10/06-SW-MB-28	0.0042 J	0.0042 U	mg/L
				T1-18/10/06-SW-SLC-8	0.0063 J	0.0063 U	mg/L
				T1-19/10/06-SW-GSUC-1	0.0022 J	0.0022 U	mg/L
				T1-19/10/06-SW-GSUC-2	0.0037 J	0.0037 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.0050 J	0.0050 U	mg/L
				T1-19/10/06-SW-JC-2	0.0072 J	0.0072 U	mg/L
				T1-19/10/06-SW-JC-3	0.0047 J	0.0047 U	mg/L
				T1-19/10/06-SW-JC-4	0.0050 J	0.0050 U	mg/L
				T1-19/10/06-SW-JC-5	0.0029 J	0.0029 U	mg/L
				T1-19/10/06-SW-JC-6	0.0046 J	0.0046 U	mg/L
				T1-19/10/06-SW-JC-7	0.0034 J	0.0034 U	mg/L
				T1-19/10/06-SW-MB-32	0.0030 J	0.0030 U	mg/L
				T1-19/10/06-SW-SLC-9	0.0038 J	0.0038 U	mg/L
				T1-19/10/06-SW-WR-1	0.0044 J	0.0044 U	mg/L
				T1-19/10/06-SW-WR-2	0.0041 J	0.0041 U	mg/L
VOCs	10/19/06	Chloroform (Trichloromethane)	0.00011	T1-18/10/06-SW-MB-21	0.00005 J	0.00005 U	mg/L
				T1-18/10/06-SW-MB-24	0.00007 J	0.00007 U	mg/L
				T1-18/10/06-SW-MB-28	0.00014 J	0.00014 U	mg/L
				T1-18/10/06-SW-SLC-8	0.00032 J	0.00032 U	mg/L
				T1-19/10/06-SW-SLC-9	0.00029 J	0.00029 U	mg/L
				T1-19/10/06-SW-WR-1	0.00027 J	0.00027 U	mg/L

TABLE 17

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE FIELD BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Field Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/19/06	Methylene chloride	0.00012	T1-19/10/06-SW-GSUC-2	0.00009 J	0.00009 U	mg/L
				T1-19/10/06-SW-GSUC-3	0.00010 J	0.00010 U	mg/L
				T1-19/10/06-SW-JC-2	0.00028 J	0.00028 U	mg/L
				T1-19/10/06-SW-JC-3	0.00041 J	0.00041 U	mg/L
				T1-19/10/06-SW-JC-4	0.00044 J	0.00044 U	mg/L
				T1-19/10/06-SW-JC-5	0.00042 J	0.00042 U	mg/L
				T1-19/10/06-SW-JC-6	0.00056 J	0.00056 U	mg/L
				T1-19/10/06-SW-WR-2	0.00025 J	0.00025 U	mg/L
VOCs	10/19/06	2-Butanone (Methyl Ethyl Ketone)	0.001	T1-18/10/06-SW-SLC-8	0.00084 J	0.00084 U	mg/L
				T1-19/10/06-SW-SLC-9	0.0013 J	0.0013 U	mg/L
				T1-19/10/06-SW-WR-1	0.0018 J	0.0018 U	mg/L
VOCs	10/17/06	Ethylbenzene	0.00008	T1-17/10/06-SE-GSUC-1(Refusal)	0.00031 J	0.00031 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.00035 J	0.00035 U	mg/kg
VOCs	10/17/06	Toluene	0.0075	T1-17/10/06-SE-GSUC-1(Mid)	0.0027 J	0.0027 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Refusal)	0.00083 J	0.00083 U	mg/kg
				T1-17/10/06-SE-GSUC-1(Surface)	0.00063 J	0.00063 U	mg/kg
				T1-17/10/06-SE-GSUC-2(Surface)	0.0027 J	0.0027 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.0010 J	0.0010 U	mg/kg
				T1-17/10/06-SE-MB-28(Mid)	0.00082 J	0.00082 U	mg/kg
				T1-17/10/06-SE-MB-28(Refusal)	0.0011 J	0.0011 U	mg/kg
				T1-17/10/06-SE-MB-28(Surface)	0.0014 J	0.0014 U	mg/kg
				T1-17/10/06-SE-MB-30(Surface)	0.00085 J	0.00085 U	mg/kg
				T1-17/10/06-SE-MB-32(Surface)	0.00045 J	0.00045 U	mg/kg
				T1-17/10/06-SE-MB-34(Surface)	0.0018 J	0.0018 U	mg/kg
VOCs	10/17/06	Methylene chloride	0.00082	T1-17/10/06-SE-GSUC-1(Refusal)	0.0057 J	0.0057 U	mg/kg
				T1-17/10/06-SE-GSUC-3(Surface)	0.0064 J	0.0064 U	mg/kg

TABLE 17

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE FIELD BLANKS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Field Blank Date*	*Analyte*	*Blank Result* [(1)]	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
VOCs	10/17/06	2-Butanone (Methyl Ethyl Ketone)	0.0011	T1-17/10/06-SE-MB-28(Refusal)	0.0094 J	0.0094 U	mg/kg
				T1-17/10/06-SE-MB-30(Surface)	0.0077 J	0.0077 U	mg/kg
				T1-17/10/06-SE-MB-32(Surface)	0.0069 J	0.0069 U	mg/kg

Notes:
(1) Blank results reflect individual sample volumes/dry weights and dilutions.
J Estimated.
U Non-detect at associated value.
VOCs Volatile Organic Compounds.

TABLE 18

QUALIFIED SAMPLE RESULTS DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Compound*	*%RPD*	*Qualified Results*	*Units*
Pesticides	T1-18/10/06-SE-JC-1(Mid)	alpha-Chlordane	59	0.00046 J	mg/Kg
Pesticides	T1-18/10/06-SE-JC-1(Surface)	alpha-BHC	49	0.00073 J	mg/Kg
Pesticides	T1-18/10/06-SE-MB-10(Surface)	Heptachlor epoxide	63	0.0082 J	mg/Kg
Pesticides	T1-18/10/06-SE-MB-10(Surface)	alpha-Chlordane	105	0.011 JN	mg/Kg
Pesticides	T1-17/10/06-SE-GSUC-3(Mid)	Endrin	146	0.015 JN	mg/Kg
Pesticides	T1-19/10/06-SO-JC-8(0-2)	Aldrin	35	0.080 J	mg/Kg
		delta-BHC	59	0.023 J	mg/Kg
		Dieldrin	59	0.19 J	mg/Kg
		Endrin	123	0.077 JN	mg/Kg
		4,4'-DDE	80	0.23 JN	mg/Kg
		Endosulfan I	87	0.10 JN	mg/Kg
Pesticides	T1-19/10/06-SO-JC-11(0-2)	Endosulfan I	82	0.0033 JN	mg/Kg
Pesticides	T1-19/10/06-SE-JC-5(Surface)	Heptachlor epoxide	80	0.0033 JN	mg/Kg
		Aldrin	44	0.0089 J	mg/Kg
		alpha-Chlordane	28	0.010 J	mg/Kg
		Endosulfan I	141	0.0056 JN	mg/Kg
Pesticides	T1-19/10/06-SE-JC-5(Mid)	Heptachlor epoxide	46	0.069 J	mg/kg
		Aldrin		0.13	mg/kg
		delta-BHC	33	0.048 J	mg/kg
		4,4'-DDE	150	0.17 JN	mg/kg
		Heptachlor	49	0.042 J	mg/kg
		Endosulfan I	94	0.12 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-5(Refusal)	Aldrin	30	0.037 J	mg/kg
		Dieldrin	71	0.086 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-6(Surface)	Heptachlor epoxide	36	0.039 J	mg/kg
		Aldrin	49	0.042 J	mg/kg
		delta-BHC	49	0.015 J	mg/kg
		alpha-Chlordane	76	0.026 JN	mg/kg
		Endosulfan I	138	0.027 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-6(Mid)	Heptachlor epoxide	35	0.076 J	mg/kg
		Aldrin	26	0.073 J	mg/kg
		Endosulfan I	141	0.040 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-6(Refusal)	Endosulfan I	95	0.00065 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-7(Surface)	Heptachlor epoxide	150	0.097 JN	mg/kg
		delta-BHC	46	0.075 J	mg/kg
		Dieldrin	84	0.37 JN	mg/kg
		Endrin	129	0.25 JN	mg/kg
		4,4'-DDE	84	0.47 JN	mg/kg
		Endrin aldehyde	102	0.20 JN	mg/kg
		Heptachlor	48	0.056 J	mg/kg
		Endosulfan I	77	0.36 JN	mg/kg
Pesticides	T1-19/10/06-SE-JC-7(Mid)	Heptachlor epoxide	78	0.00055 JN	mg/kg
		4,4'-DDE	98	0.0014 JN	mg/kg
		Endosulfan I	64	0.0010 J	mg/kg

TABLE 18

QUALIFIED SAMPLE RESULTS DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Sample ID*	*Compound*	*%RPD*	*Qualified Results*	*Units*
Pesticides	T1-19/10/06-SE-JC-7(Refusal)	Heptachlor epoxide	118	0.00079 JN	mg/kg
		Endrin	126	0.0013 JN	mg/kg
		4,4'-DDE	78	0.0027 JN	mg/kg
		Endrin aldehyde	101	0.00097 JN	mg/kg
		Endosulfan I	76	0.0019 JN	mg/kg
Pesticides	T1-18/10/06-SE-MB-16(Surface)	4,4'-DDE	77	0.0057 JN	mg/kg
	T1-19/10/06-SE-JC-2(Surface)	alpha-BHC	39	0.0064 J	mg/kg
Pesticides	T1-19/10/06-SW-JC-5	4,4'-DDE	35	0.000050 J	mg/L
	T1-19/10/06-SW-JC-7	alpha-BHC	150	0.000069 JN	mg/L
Pesticides	T1-17/10/06-SE-MB-18(Surface)	Heptachlor epoxide	52	0.0024 J	mg/kg
		alpha-Chlordane	63	0.0022 J	mg/kg
Pesticides	T1-17/10/06-SE-MB-23(Surface)	4,4'-DDE	50	0.011 JN	mg/kg
Pesticides	T1-17/10/06-SE-MB-26(Surface)	Heptachlor epoxide	62	0.011 J	mg/kg
		Aldrin	85	0.0041 JN	mg/kg
		alpha-BHC	100	0.0022 JN	mg/kg
		alpha-Chlordane	101	0.0054 JN	mg/kg
		Endosulfan I	132	0.0081 JN	mg/kg
Pesticides	T1-13/10/06-SE-MB-4(Surface)	4,4'-DDE	27	0.0025 J	mg/kg
Pesticides	T1-12/10/06-SW-SLC-2	gamma-Chlordane	193	0.000016 JN	mg/L
	T1-13/10/06-SW-SLC-7	alpha-Chlordane	172	0.000014 JN	mg/L
PCBs	T1-12/10/06-SE-SLC-2(Refusal)	Aroclor-1260 (PCB-1260)	70	0.014 J	mg/Kg
PCBs	T1-13/10/06-SE-SLC-4(Refusal)	Aroclor-1254 (PCB-1254)	97	0.089 JN	mg/Kg
PCBs	T1-17/10/06-SE-GSUC-2(Mid)	Aroclor-1254 (PCB-1254)	63	0.15 J	mg/Kg
PCBs	T1-17/10/06-SE-GSUC-3(Surface)	Aroclor-1254 (PCB-1254)	77	0.027 J	mg/Kg
PCBs	T1-19/10/06-SE-JC-4(Surface)	Aroclor-1254 (PCB-1254)	53	0.047 J	mg/Kg
PCBs	T1-19/10/06-SE-JC-5(Surface)	Aroclor-1248 (PCB-1248)	85	0.08 JN	mg/Kg
PCBs	T1-19/10/06-SE-JC-6(Surface)	Aroclor-1248 (PCB-1248)	85	0.44 JN	mg/Kg

Notes:
J Estimated.
JN Presence tentatively identified. Estimated value.
PCBs Polychlorinated Biphenyls.
RPD Relative Percent Difference.

TABLE 19

QUALIFIED SAMPLE RESULTS DUE TO DEGRADATION EXCEEDANCE
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Calibration ID*	*Date and Time*	*Compound*	*%Deg*	*Associated Sample ID*	*Associated Compound*	*Sample Results*	*Units*	*Qualifier*
Pesticides	1D10301	11/2/06 @ 10:50	4,4'-DDT	26	T1-18/10/06-SE-MB-12(Surface)	4,4'-DDE	0.0011 J	mg/kg	JN
					T1-18/10/06-SE-MB-8(Surface)	4,4'-DDE	0.0013 J	mg/kg	JN
					T1-19/10/06-SO-JC-11(0-2)	4,4'-DDE	0.0032 J	mg/kg	JN
					T1-19/10/06-SO-JC-8(0-2)	4,4'-DDE	0.23 J	mg/kg	JN
Pesticides	2C13290	11/2/06 @ 00:50	4,4'-DDT	32	T1-18/10/06-SE-MB-10(Surface)	4,4'-DDT	0.016	mg/kg	J
					T1-18/10/06-SE-MB-10(Surface)	4,4'-DDE	0.013 J	mg/kg	JN
					T1-19/10/06-SE-MB-27(Mid)	4,4'-DDT	0.00088 J	mg/kg	J
					T1-19/10/06-SE-MB-27(Refusal)	4,4'-DDE	0.0012 J	mg/kg	JN
Pesticides	1D10270	10/21/06 (11:25)	4,4'-DDT	49	T1-17/10/06-SE-MB-23(Surface)	4,4'-DDD	0.0034 J	mg/kg	JN
					T1-17/10/06-SE-MB-23(Surface)	4,4'-DDE	0.011	mg/kg	JN
					T1-17/10/06-SE-MB-31(Surface)	4,4'-DDE	0.0012 J	mg/kg	JN
					T1-17/10/06-SE-MB-23(Surface)	4,4'-DDT	0.0029 U	mg/kg	R
Pesticides	1D10270	10/26/06 (06:23)	4,4'-DDT	31	T1-18/10/06-SE-MB-13(Surface)	4,4'-DDE	0.0034 J	mg/kg	JN
					T1-18/10/06-SE-MB-14(Surface)	4,4'-DDE	0.0098 J	mg/kg	JN
					T1-18/10/06-SE-MB-15(Surface)	4,4'-DDE	0.0038 J	mg/kg	JN
					T1-18/10/06-SE-MB-16(Surface)	4,4'-DDE	0.0057	mg/kg	JN
					T1-18/10/06-SE-MB-14(Surface)	4,4'-DDT	0.014 J	mg/kg	J

Notes:
%Deg Percent Degradation.
J Estimated.
JN Presence tentatively identified. Estimated value.
R Rejected.
U Non-detect at associated value.

TABLE 20

QUALIFIED ANALYTICAL DATA DUE TO A DISCREPANCY IN THE TOTAL VS. DISSOLVED RESULTS
REMEDIAL INVESTIGATION
STAR LAKE CANAL SUPERFUND SITE
PORT NECHES, TEXAS
OCTOBER 2006

Parameter	*Analyte*	*Sample ID*	*Total Result*	*Dissolved Result*	*Units*	*Qualifier* [(1)]
Metals	Potassium	T1-13/10/06-SW-SLC-3	27.4	126	mg/L	J
	Selenium	T1-19/10/06-SW-GSUC-1	0.0188	0.0370	mg/L	J
	Selenium	T1-19/10/06-SW-GSUC-2	0.0102	0.0215	mg/L	J
	Magnesium	T1-19/10/06-SW-GSUC-3	37.7	52.7	mg/L	J
	Selenium	T1-19/10/06-SW-GSUC-3	0.0040	0.0136	mg/L	J
	Sodium	T1-19/10/06-SW-GSUC-3	342	479	mg/L	J
	Sodium	T1-19/10/06-SW-JC-2	67.3	86.0	mg/L	J
	Manganese	T1-19/10/06-SW-JC-4	0.245	0.321	mg/L	J

Notes:
J Estimated.
(1) Qualifier is associated with both the total and dissolved sample.