



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Case Narrative for:
SHAW ENVIRONMENTAL & INFRASTRUCTURE

Certificate of Analysis Number:

L0021037

<p>Report To:</p> <p>SHAW ENVIRONMENTAL & INFRASTRUCTURE LISA PULTZ 4171 ESSEN LANE</p> <p>BATON ROUGE LA 70809- ph: (225) 932-2500 fax: (225) 987-7300</p>	<p>Project Name: 147497- INDUSTRIAL WATER WELL SA</p> <p>Site: LDNR/BAYOU CORNE</p> <p>Site Address:</p> <p>PO Number: 812666</p> <p>State: Louisiana</p> <p>State Cert. No.: 02048</p> <p>Date Reported: 10/16/2012</p>
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Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data for those samples spiked by the laboratory and may be applicable to other samples of similar matrix from the site. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC).

Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

This report may contain data results from tests performed in the field by non-laboratory personnel. Such data will be indicated within the report using the method code, FIELD, and analyst initials of FT indicating results obtained by a field technician.

The collection of samples using encores, terracores or other field collection devices may result in inconsistent initial sample weights for the parent sample and MS/MSD samples.

The MS/MSD recovery and precision data are calculated based on detected spike concentrations that are adjusted for initial sample weights. As a result of the variability between initial sample weights, the calculated RPD may have increased bias.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

Accutest Gulf Coast is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

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10/16/2012

Cristina Thibeaux
 Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.



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Certificate of Analysis Number:

L0021037

Report To: SHAW ENVIRONMENTAL & INFRASTRUCTURE
 LISA PULTZ
 4171 ESSEN LANE

 BATON ROUGE
 LA
 70809-
 ph: (225) 932-2500 fax: (225) 987-7300

Project Name: 147497- INDUSTRIAL WATER WELL SA
Site: LDNR/BAYOU CORNE
Site Address:

PO Number: 812666
State: Louisiana
State Cert. No.: 02048
Date Reported: 10/16/2012

Fax To:

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
007-098-100912	L0021037-01	Water	10/09/2012 10:10	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-131-100912	L0021037-02	Water	10/09/2012 10:30	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-089-100912	L0021037-03	Water	10/09/2012 11:20	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-073-100912	L0021037-04	Water	10/09/2012 12:10	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-072-100912	L0021037-05	Water	10/09/2012 12:25	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-081-100912	L0021037-06	Water	10/09/2012 12:55	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-081-100912MS	L0021037-06MS	Water	10/09/2012 12:55	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-081-100912MSD	L0021037-06MSD	Water	10/09/2012 12:55	10/10/2012 3:00:00 PM		<input type="checkbox"/>
007-080-100912	L0021037-07	Water	10/09/2012 13:30	10/10/2012 3:00:00 PM		<input type="checkbox"/>
DUP-100912	L0021037-08	Water	10/09/2012 0:00	10/10/2012 3:00:00 PM		<input type="checkbox"/>
FB-100912	L0021037-09	Water	10/09/2012 15:30	10/10/2012 3:00:00 PM		<input type="checkbox"/>

Cristina C. Thibeaux

Cristina Thibeaux
 Project Manager

10/16/2012

Date

Ron Benjamin
 Laboratory Director

Rebecca Haryett
 Quality Assurance Officer



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-098-100912 Collected: 10/09/2012 10:10 Lab Sample ID: L0021037-01

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	1470		50	200	10/11/12 20:19	JMR	4754091
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	5220		10	1	10/15/12 15:40	SPM	4757323

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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Client Sample ID:007-098-100912

Collected: 10/09/2012 10:10

Lab Sample ID: L0021037-01

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 13:43	HJL	4755283
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 13:43	HJL	4755283
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 13:43	HJL	4755283
1,1-Dichloroethane	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,1-Dichloroethene	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 13:43	HJL	4755283
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,2-Dichloroethane	ND		0.003	1	10/12/12 13:43	HJL	4755283
1,2-Dichloropropane	ND		0.002	1	10/12/12 13:43	HJL	4755283
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 13:43	HJL	4755283
2-Butanone	ND		0.01	1	10/12/12 13:43	HJL	4755283
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 13:43	HJL	4755283
Acetone	ND		0.05	1	10/12/12 13:43	HJL	4755283
Benzene	ND		0.001	1	10/12/12 13:43	HJL	4755283
Bromodichloromethane	ND		0.005	1	10/12/12 13:43	HJL	4755283
Bromoform	ND		0.005	1	10/12/12 13:43	HJL	4755283
Bromomethane	ND		0.01	1	10/12/12 13:43	HJL	4755283
Carbon disulfide	ND		0.005	1	10/12/12 13:43	HJL	4755283
Carbon tetrachloride	ND		0.003	1	10/12/12 13:43	HJL	4755283
Chlorobenzene	ND		0.005	1	10/12/12 13:43	HJL	4755283
Chloroethane	ND		0.01	1	10/12/12 13:43	HJL	4755283
Chloroform	ND		0.005	1	10/12/12 13:43	HJL	4755283
Chloromethane	ND		0.002	1	10/12/12 13:43	HJL	4755283
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 13:43	HJL	4755283
Dibromochloromethane	ND		0.005	1	10/12/12 13:43	HJL	4755283
Ethylbenzene	ND		0.005	1	10/12/12 13:43	HJL	4755283
Hexachloroethane	ND		0.002	1	10/12/12 13:43	HJL	4755283
Isobutyl alcohol	ND		0.1	1	10/12/12 13:43	HJL	4755283
Methyl tert-butyl ether	ND		0.001	1	10/12/12 13:43	HJL	4755283
Methylene chloride	ND		0.005	1	10/12/12 13:43	HJL	4755283
Naphthalene	ND		0.001	1	10/12/12 13:43	HJL	4755283
Styrene	ND		0.005	1	10/12/12 13:43	HJL	4755283
Tetrachloroethene	ND		0.003	1	10/12/12 13:43	HJL	4755283
Toluene	ND		0.005	1	10/12/12 13:43	HJL	4755283

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-098-100912

Collected: 10/09/2012 10:10

Lab Sample ID: L0021037-01

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 13:43	HJL	4755283
Trichloroethene	ND		0.005	1	10/12/12 13:43	HJL	4755283
Trichlorofluoromethane	ND		0.005	1	10/12/12 13:43	HJL	4755283
Vinyl chloride	ND		0.002	1	10/12/12 13:43	HJL	4755283
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 13:43	HJL	4755283
m,p-Xylene	ND		0.005	1	10/12/12 13:43	HJL	4755283
o-Xylene	ND		0.005	1	10/12/12 13:43	HJL	4755283
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 13:43	HJL	4755283
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 13:43	HJL	4755283
Xylenes,Total	ND		0.005	1	10/12/12 13:43	HJL	4755283
Surr: 1,2-Dichloroethane-d4	105		% 84-124	1	10/12/12 13:43	HJL	4755283
Surr: 4-Bromofluorobenzene	98.8		% 89-111	1	10/12/12 13:43	HJL	4755283
Surr: Toluene-d8	94.1		% 83-115	1	10/12/12 13:43	HJL	4755283

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-131-100912 Collected: 10/09/2012 10:30 Lab Sample ID: L0021037-02

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	1250		50	200	10/11/12 20:31	JMR	4754092
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	5520		10	1	10/15/12 15:40	SPM	4757325

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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 10/16/2012 11:06:12 AM

Client Sample ID:007-131-100912

Collected: 10/09/2012 10:30

Lab Sample ID: L0021037-02

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 16:46	HJL	4755289
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 16:46	HJL	4755289
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 16:46	HJL	4755289
1,1-Dichloroethane	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,1-Dichloroethene	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 16:46	HJL	4755289
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,2-Dichloroethane	ND		0.003	1	10/12/12 16:46	HJL	4755289
1,2-Dichloropropane	ND		0.002	1	10/12/12 16:46	HJL	4755289
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 16:46	HJL	4755289
2-Butanone	ND		0.01	1	10/12/12 16:46	HJL	4755289
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 16:46	HJL	4755289
Acetone	ND		0.05	1	10/12/12 16:46	HJL	4755289
Benzene	ND		0.001	1	10/12/12 16:46	HJL	4755289
Bromodichloromethane	ND		0.005	1	10/12/12 16:46	HJL	4755289
Bromoform	ND		0.005	1	10/12/12 16:46	HJL	4755289
Bromomethane	ND		0.01	1	10/12/12 16:46	HJL	4755289
Carbon disulfide	ND		0.005	1	10/12/12 16:46	HJL	4755289
Carbon tetrachloride	ND		0.003	1	10/12/12 16:46	HJL	4755289
Chlorobenzene	ND		0.005	1	10/12/12 16:46	HJL	4755289
Chloroethane	ND		0.01	1	10/12/12 16:46	HJL	4755289
Chloroform	ND		0.005	1	10/12/12 16:46	HJL	4755289
Chloromethane	ND		0.002	1	10/12/12 16:46	HJL	4755289
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 16:46	HJL	4755289
Dibromochloromethane	ND		0.005	1	10/12/12 16:46	HJL	4755289
Ethylbenzene	ND		0.005	1	10/12/12 16:46	HJL	4755289
Hexachloroethane	ND		0.002	1	10/12/12 16:46	HJL	4755289
Isobutyl alcohol	ND		0.1	1	10/12/12 16:46	HJL	4755289
Methyl tert-butyl ether	ND		0.001	1	10/12/12 16:46	HJL	4755289
Methylene chloride	ND		0.005	1	10/12/12 16:46	HJL	4755289
Naphthalene	ND		0.001	1	10/12/12 16:46	HJL	4755289
Styrene	ND		0.005	1	10/12/12 16:46	HJL	4755289
Tetrachloroethene	ND		0.003	1	10/12/12 16:46	HJL	4755289
Toluene	ND		0.005	1	10/12/12 16:46	HJL	4755289

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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10/16/2012 11:06:13 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-131-100912

Collected: 10/09/2012 10:30

Lab Sample ID: L0021037-02

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 16:46	HJL	4755289
Trichloroethene	ND		0.005	1	10/12/12 16:46	HJL	4755289
Trichlorofluoromethane	ND		0.005	1	10/12/12 16:46	HJL	4755289
Vinyl chloride	ND		0.002	1	10/12/12 16:46	HJL	4755289
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 16:46	HJL	4755289
m,p-Xylene	ND		0.005	1	10/12/12 16:46	HJL	4755289
o-Xylene	ND		0.005	1	10/12/12 16:46	HJL	4755289
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 16:46	HJL	4755289
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 16:46	HJL	4755289
Xylenes,Total	ND		0.005	1	10/12/12 16:46	HJL	4755289
Surr: 1,2-Dichloroethane-d4	104		% 84-124	1	10/12/12 16:46	HJL	4755289
Surr: 4-Bromofluorobenzene	99.7		% 89-111	1	10/12/12 16:46	HJL	4755289
Surr: Toluene-d8	94.8		% 83-115	1	10/12/12 16:46	HJL	4755289

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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 10/16/2012 11:06:14 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-089-100912 Collected: 10/09/2012 11:20 Lab Sample ID: L0021037-03

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	573		50	200	10/11/12 20:44	JMR	4754093
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	2600		10	1	10/15/12 15:40	SPM	4757326

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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Client Sample ID:007-089-100912

Collected: 10/09/2012 11:20

Lab Sample ID: L0021037-03

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 17:17	HJL	4755290
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 17:17	HJL	4755290
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 17:17	HJL	4755290
1,1-Dichloroethane	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,1-Dichloroethene	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 17:17	HJL	4755290
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,2-Dichloroethane	ND		0.003	1	10/12/12 17:17	HJL	4755290
1,2-Dichloropropane	ND		0.002	1	10/12/12 17:17	HJL	4755290
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 17:17	HJL	4755290
2-Butanone	ND		0.01	1	10/12/12 17:17	HJL	4755290
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 17:17	HJL	4755290
Acetone	ND		0.05	1	10/12/12 17:17	HJL	4755290
Benzene	ND		0.001	1	10/12/12 17:17	HJL	4755290
Bromodichloromethane	ND		0.005	1	10/12/12 17:17	HJL	4755290
Bromoform	ND		0.005	1	10/12/12 17:17	HJL	4755290
Bromomethane	ND		0.01	1	10/12/12 17:17	HJL	4755290
Carbon disulfide	ND		0.005	1	10/12/12 17:17	HJL	4755290
Carbon tetrachloride	ND		0.003	1	10/12/12 17:17	HJL	4755290
Chlorobenzene	ND		0.005	1	10/12/12 17:17	HJL	4755290
Chloroethane	ND		0.01	1	10/12/12 17:17	HJL	4755290
Chloroform	ND		0.005	1	10/12/12 17:17	HJL	4755290
Chloromethane	ND		0.002	1	10/12/12 17:17	HJL	4755290
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 17:17	HJL	4755290
Dibromochloromethane	ND		0.005	1	10/12/12 17:17	HJL	4755290
Ethylbenzene	ND		0.005	1	10/12/12 17:17	HJL	4755290
Hexachloroethane	ND		0.002	1	10/12/12 17:17	HJL	4755290
Isobutyl alcohol	ND		0.1	1	10/12/12 17:17	HJL	4755290
Methyl tert-butyl ether	ND		0.001	1	10/12/12 17:17	HJL	4755290
Methylene chloride	ND		0.005	1	10/12/12 17:17	HJL	4755290
Naphthalene	ND		0.001	1	10/12/12 17:17	HJL	4755290
Styrene	ND		0.005	1	10/12/12 17:17	HJL	4755290
Tetrachloroethene	ND		0.003	1	10/12/12 17:17	HJL	4755290
Toluene	ND		0.005	1	10/12/12 17:17	HJL	4755290

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 10
10/16/2012 11:06:18 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-089-100912

Collected: 10/09/2012 11:20

Lab Sample ID: L0021037-03

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 17:17	HJL	4755290
Trichloroethene	ND		0.005	1	10/12/12 17:17	HJL	4755290
Trichlorofluoromethane	ND		0.005	1	10/12/12 17:17	HJL	4755290
Vinyl chloride	ND		0.002	1	10/12/12 17:17	HJL	4755290
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 17:17	HJL	4755290
m,p-Xylene	ND		0.005	1	10/12/12 17:17	HJL	4755290
o-Xylene	ND		0.005	1	10/12/12 17:17	HJL	4755290
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 17:17	HJL	4755290
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 17:17	HJL	4755290
Xylenes,Total	ND		0.005	1	10/12/12 17:17	HJL	4755290
Surr: 1,2-Dichloroethane-d4	103		% 84-124	1	10/12/12 17:17	HJL	4755290
Surr: 4-Bromofluorobenzene	98.1		% 89-111	1	10/12/12 17:17	HJL	4755290
Surr: Toluene-d8	94.2		% 83-115	1	10/12/12 17:17	HJL	4755290

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 11
 10/16/2012 11:06:18 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-073-100912 Collected: 10/09/2012 12:10 Lab Sample ID: L0021037-04

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	914		50	200	10/11/12 20:57	JMR	4754094
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	4150		10	1	10/15/12 15:40	SPM	4757327

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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 10/16/2012 11:06:21 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-073-100912

Collected: 10/09/2012 12:10

Lab Sample ID: L0021037-04

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 17:47	HJL	4755291
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 17:47	HJL	4755291
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 17:47	HJL	4755291
1,1-Dichloroethane	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,1-Dichloroethene	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 17:47	HJL	4755291
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,2-Dichloroethane	ND		0.003	1	10/12/12 17:47	HJL	4755291
1,2-Dichloropropane	ND		0.002	1	10/12/12 17:47	HJL	4755291
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 17:47	HJL	4755291
2-Butanone	ND		0.01	1	10/12/12 17:47	HJL	4755291
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 17:47	HJL	4755291
Acetone	ND		0.05	1	10/12/12 17:47	HJL	4755291
Benzene	ND		0.001	1	10/12/12 17:47	HJL	4755291
Bromodichloromethane	ND		0.005	1	10/12/12 17:47	HJL	4755291
Bromoform	ND		0.005	1	10/12/12 17:47	HJL	4755291
Bromomethane	ND		0.01	1	10/12/12 17:47	HJL	4755291
Carbon disulfide	ND		0.005	1	10/12/12 17:47	HJL	4755291
Carbon tetrachloride	ND		0.003	1	10/12/12 17:47	HJL	4755291
Chlorobenzene	ND		0.005	1	10/12/12 17:47	HJL	4755291
Chloroethane	ND		0.01	1	10/12/12 17:47	HJL	4755291
Chloroform	ND		0.005	1	10/12/12 17:47	HJL	4755291
Chloromethane	ND		0.002	1	10/12/12 17:47	HJL	4755291
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 17:47	HJL	4755291
Dibromochloromethane	ND		0.005	1	10/12/12 17:47	HJL	4755291
Ethylbenzene	ND		0.005	1	10/12/12 17:47	HJL	4755291
Hexachloroethane	ND		0.002	1	10/12/12 17:47	HJL	4755291
Isobutyl alcohol	ND		0.1	1	10/12/12 17:47	HJL	4755291
Methyl tert-butyl ether	ND		0.001	1	10/12/12 17:47	HJL	4755291
Methylene chloride	ND		0.005	1	10/12/12 17:47	HJL	4755291
Naphthalene	ND		0.001	1	10/12/12 17:47	HJL	4755291
Styrene	ND		0.005	1	10/12/12 17:47	HJL	4755291
Tetrachloroethene	ND		0.003	1	10/12/12 17:47	HJL	4755291
Toluene	ND		0.005	1	10/12/12 17:47	HJL	4755291

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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 10/16/2012 11:06:22 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-073-100912

Collected: 10/09/2012 12:10

Lab Sample ID: L0021037-04

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 17:47	HJL	4755291
Trichloroethene	ND		0.005	1	10/12/12 17:47	HJL	4755291
Trichlorofluoromethane	ND		0.005	1	10/12/12 17:47	HJL	4755291
Vinyl chloride	ND		0.002	1	10/12/12 17:47	HJL	4755291
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 17:47	HJL	4755291
m,p-Xylene	ND		0.005	1	10/12/12 17:47	HJL	4755291
o-Xylene	ND		0.005	1	10/12/12 17:47	HJL	4755291
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 17:47	HJL	4755291
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 17:47	HJL	4755291
Xylenes,Total	ND		0.005	1	10/12/12 17:47	HJL	4755291
Surr: 1,2-Dichloroethane-d4	102		% 84-124	1	10/12/12 17:47	HJL	4755291
Surr: 4-Bromofluorobenzene	104		% 89-111	1	10/12/12 17:47	HJL	4755291
Surr: Toluene-d8	95.1		% 83-115	1	10/12/12 17:47	HJL	4755291

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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 10/16/2012 11:06:23 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-072-100912 Collected: 10/09/2012 12:25 Lab Sample ID: L0021037-05

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	1020		50	200	10/11/12 22:14	JMR	4754100
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	4580		10	1	10/15/12 15:40	SPM	4757328

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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 10/16/2012 11:06:25 AM

Client Sample ID:007-072-100912

Collected: 10/09/2012 12:25 Lab Sample ID: L0021037-05

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 18:18	HJL	4755292
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 18:18	HJL	4755292
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 18:18	HJL	4755292
1,1-Dichloroethane	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,1-Dichloroethene	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 18:18	HJL	4755292
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,2-Dichloroethane	ND		0.003	1	10/12/12 18:18	HJL	4755292
1,2-Dichloropropane	ND		0.002	1	10/12/12 18:18	HJL	4755292
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 18:18	HJL	4755292
2-Butanone	ND		0.01	1	10/12/12 18:18	HJL	4755292
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 18:18	HJL	4755292
Acetone	ND		0.05	1	10/12/12 18:18	HJL	4755292
Benzene	ND		0.001	1	10/12/12 18:18	HJL	4755292
Bromodichloromethane	ND		0.005	1	10/12/12 18:18	HJL	4755292
Bromoform	ND		0.005	1	10/12/12 18:18	HJL	4755292
Bromomethane	ND		0.01	1	10/12/12 18:18	HJL	4755292
Carbon disulfide	ND		0.005	1	10/12/12 18:18	HJL	4755292
Carbon tetrachloride	ND		0.003	1	10/12/12 18:18	HJL	4755292
Chlorobenzene	ND		0.005	1	10/12/12 18:18	HJL	4755292
Chloroethane	ND		0.01	1	10/12/12 18:18	HJL	4755292
Chloroform	ND		0.005	1	10/12/12 18:18	HJL	4755292
Chloromethane	ND		0.002	1	10/12/12 18:18	HJL	4755292
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 18:18	HJL	4755292
Dibromochloromethane	ND		0.005	1	10/12/12 18:18	HJL	4755292
Ethylbenzene	ND		0.005	1	10/12/12 18:18	HJL	4755292
Hexachloroethane	ND		0.002	1	10/12/12 18:18	HJL	4755292
Isobutyl alcohol	ND		0.1	1	10/12/12 18:18	HJL	4755292
Methyl tert-butyl ether	ND		0.001	1	10/12/12 18:18	HJL	4755292
Methylene chloride	ND		0.005	1	10/12/12 18:18	HJL	4755292
Naphthalene	ND		0.001	1	10/12/12 18:18	HJL	4755292
Styrene	ND		0.005	1	10/12/12 18:18	HJL	4755292
Tetrachloroethene	ND		0.003	1	10/12/12 18:18	HJL	4755292
Toluene	ND		0.005	1	10/12/12 18:18	HJL	4755292

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 16
10/16/2012 11:06:26 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-072-100912

Collected: 10/09/2012 12:25

Lab Sample ID: L0021037-05

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 18:18	HJL	4755292
Trichloroethene	ND		0.005	1	10/12/12 18:18	HJL	4755292
Trichlorofluoromethane	ND		0.005	1	10/12/12 18:18	HJL	4755292
Vinyl chloride	ND		0.002	1	10/12/12 18:18	HJL	4755292
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 18:18	HJL	4755292
m,p-Xylene	ND		0.005	1	10/12/12 18:18	HJL	4755292
o-Xylene	ND		0.005	1	10/12/12 18:18	HJL	4755292
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 18:18	HJL	4755292
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 18:18	HJL	4755292
Xylenes,Total	ND		0.005	1	10/12/12 18:18	HJL	4755292
Surr: 1,2-Dichloroethane-d4	106		% 84-124	1	10/12/12 18:18	HJL	4755292
Surr: 4-Bromofluorobenzene	98.5		% 89-111	1	10/12/12 18:18	HJL	4755292
Surr: Toluene-d8	95.6		% 83-115	1	10/12/12 18:18	HJL	4755292

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 17
 10/16/2012 11:06:27 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-081-100912 Collected: 10/09/2012 12:55 Lab Sample ID: L0021037-06

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	1210		50	200	10/11/12 21:10	JMR	4754095
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	5840		10	1	10/15/12 15:40	SPM	4757329

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

L0021037 Page 18
 10/16/2012 11:06:29 AM

Client Sample ID:007-081-100912

Collected: 10/09/2012 12:55

Lab Sample ID: L0021037-06

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 16:16	HJL	4755288
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 16:16	HJL	4755288
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 16:16	HJL	4755288
1,1-Dichloroethane	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,1-Dichloroethene	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 16:16	HJL	4755288
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,2-Dichloroethane	ND		0.003	1	10/12/12 16:16	HJL	4755288
1,2-Dichloropropane	ND		0.002	1	10/12/12 16:16	HJL	4755288
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 16:16	HJL	4755288
2-Butanone	ND		0.01	1	10/12/12 16:16	HJL	4755288
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 16:16	HJL	4755288
Acetone	ND		0.05	1	10/12/12 16:16	HJL	4755288
Benzene	ND		0.001	1	10/12/12 16:16	HJL	4755288
Bromodichloromethane	ND		0.005	1	10/12/12 16:16	HJL	4755288
Bromoform	ND		0.005	1	10/12/12 16:16	HJL	4755288
Bromomethane	ND		0.01	1	10/12/12 16:16	HJL	4755288
Carbon disulfide	ND		0.005	1	10/12/12 16:16	HJL	4755288
Carbon tetrachloride	ND		0.003	1	10/12/12 16:16	HJL	4755288
Chlorobenzene	ND		0.005	1	10/12/12 16:16	HJL	4755288
Chloroethane	ND		0.01	1	10/12/12 16:16	HJL	4755288
Chloroform	ND		0.005	1	10/12/12 16:16	HJL	4755288
Chloromethane	ND		0.002	1	10/12/12 16:16	HJL	4755288
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 16:16	HJL	4755288
Dibromochloromethane	ND		0.005	1	10/12/12 16:16	HJL	4755288
Ethylbenzene	ND		0.005	1	10/12/12 16:16	HJL	4755288
Hexachloroethane	ND		0.002	1	10/12/12 16:16	HJL	4755288
Isobutyl alcohol	ND		0.1	1	10/12/12 16:16	HJL	4755288
Methyl tert-butyl ether	ND		0.001	1	10/12/12 16:16	HJL	4755288
Methylene chloride	ND		0.005	1	10/12/12 16:16	HJL	4755288
Naphthalene	ND		0.001	1	10/12/12 16:16	HJL	4755288
Styrene	ND		0.005	1	10/12/12 16:16	HJL	4755288
Tetrachloroethene	ND		0.003	1	10/12/12 16:16	HJL	4755288
Toluene	ND		0.005	1	10/12/12 16:16	HJL	4755288

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 19
10/16/2012 11:06:31 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-081-100912

Collected: 10/09/2012 12:55

Lab Sample ID: L0021037-06

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 16:16	HJL	4755288
Trichloroethene	ND		0.005	1	10/12/12 16:16	HJL	4755288
Trichlorofluoromethane	ND		0.005	1	10/12/12 16:16	HJL	4755288
Vinyl chloride	ND		0.002	1	10/12/12 16:16	HJL	4755288
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 16:16	HJL	4755288
m,p-Xylene	ND		0.005	1	10/12/12 16:16	HJL	4755288
o-Xylene	ND		0.005	1	10/12/12 16:16	HJL	4755288
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 16:16	HJL	4755288
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 16:16	HJL	4755288
Xylenes,Total	ND		0.005	1	10/12/12 16:16	HJL	4755288
Surr: 1,2-Dichloroethane-d4	103		% 84-124	1	10/12/12 16:16	HJL	4755288
Surr: 4-Bromofluorobenzene	102		% 89-111	1	10/12/12 16:16	HJL	4755288
Surr: Toluene-d8	93.0		% 83-115	1	10/12/12 16:16	HJL	4755288

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 20
 10/16/2012 11:06:32 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-080-100912 Collected: 10/09/2012 13:30 Lab Sample ID: L0021037-07

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	866		50	200	10/11/12 22:27	JMR	4754101
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	3810		10	1	10/15/12 15:40	SPM	4757330

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

L0021037 Page 21
 10/16/2012 11:06:34 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-080-100912

Collected: 10/09/2012 13:30

Lab Sample ID: L0021037-07

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 15:14	HJL	4755286
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 15:14	HJL	4755286
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 15:14	HJL	4755286
1,1-Dichloroethane	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,1-Dichloroethene	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 15:14	HJL	4755286
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,2-Dichloroethane	ND		0.003	1	10/12/12 15:14	HJL	4755286
1,2-Dichloropropane	ND		0.002	1	10/12/12 15:14	HJL	4755286
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 15:14	HJL	4755286
2-Butanone	ND		0.01	1	10/12/12 15:14	HJL	4755286
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 15:14	HJL	4755286
Acetone	ND		0.05	1	10/12/12 15:14	HJL	4755286
Benzene	ND		0.001	1	10/12/12 15:14	HJL	4755286
Bromodichloromethane	ND		0.005	1	10/12/12 15:14	HJL	4755286
Bromoform	ND		0.005	1	10/12/12 15:14	HJL	4755286
Bromomethane	ND		0.01	1	10/12/12 15:14	HJL	4755286
Carbon disulfide	ND		0.005	1	10/12/12 15:14	HJL	4755286
Carbon tetrachloride	ND		0.003	1	10/12/12 15:14	HJL	4755286
Chlorobenzene	ND		0.005	1	10/12/12 15:14	HJL	4755286
Chloroethane	ND		0.01	1	10/12/12 15:14	HJL	4755286
Chloroform	ND		0.005	1	10/12/12 15:14	HJL	4755286
Chloromethane	ND		0.002	1	10/12/12 15:14	HJL	4755286
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 15:14	HJL	4755286
Dibromochloromethane	ND		0.005	1	10/12/12 15:14	HJL	4755286
Ethylbenzene	ND		0.005	1	10/12/12 15:14	HJL	4755286
Hexachloroethane	ND		0.002	1	10/12/12 15:14	HJL	4755286
Isobutyl alcohol	ND		0.1	1	10/12/12 15:14	HJL	4755286
Methyl tert-butyl ether	ND		0.001	1	10/12/12 15:14	HJL	4755286
Methylene chloride	ND		0.005	1	10/12/12 15:14	HJL	4755286
Naphthalene	ND		0.001	1	10/12/12 15:14	HJL	4755286
Styrene	ND		0.005	1	10/12/12 15:14	HJL	4755286
Tetrachloroethene	ND		0.003	1	10/12/12 15:14	HJL	4755286
Toluene	ND		0.005	1	10/12/12 15:14	HJL	4755286

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

L0021037 Page 22
 10/16/2012 11:06:36 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:007-080-100912

Collected: 10/09/2012 13:30

Lab Sample ID: L0021037-07

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 15:14	HJL	4755286
Trichloroethene	ND		0.005	1	10/12/12 15:14	HJL	4755286
Trichlorofluoromethane	ND		0.005	1	10/12/12 15:14	HJL	4755286
Vinyl chloride	ND		0.002	1	10/12/12 15:14	HJL	4755286
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 15:14	HJL	4755286
m,p-Xylene	ND		0.005	1	10/12/12 15:14	HJL	4755286
o-Xylene	ND		0.005	1	10/12/12 15:14	HJL	4755286
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 15:14	HJL	4755286
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 15:14	HJL	4755286
Xylenes,Total	ND		0.005	1	10/12/12 15:14	HJL	4755286
Surr: 1,2-Dichloroethane-d4	101		% 84-124	1	10/12/12 15:14	HJL	4755286
Surr: 4-Bromofluorobenzene	102		% 89-111	1	10/12/12 15:14	HJL	4755286
Surr: Toluene-d8	94.0		% 83-115	1	10/12/12 15:14	HJL	4755286

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 23
 10/16/2012 11:06:37 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID: DUP-100912 Collected: 10/09/2012 0:00 Lab Sample ID: L0021037-08

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ANIONS BY IC USING EPA 300.0				MCL	E300.0	Units: mg/L	
Chloride	1030		50	200	10/11/12 22:40	JMR	4754102
TOTAL DISSOLVED SOLIDS BY SM2540 C				MCL	M2540 C	Units: mg/L	
Total Dissolved Solids (Residue,filterable)	4490		10	1	10/15/12 15:40	SPM	4757331

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

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 10/16/2012 11:06:39 AM

Client Sample ID: DUP-100912

Collected: 10/09/2012 0:00

Lab Sample ID: L0021037-08

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 15:45	HJL	4755287
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 15:45	HJL	4755287
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 15:45	HJL	4755287
1,1-Dichloroethane	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,1-Dichloroethene	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 15:45	HJL	4755287
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,2-Dichloroethane	ND		0.003	1	10/12/12 15:45	HJL	4755287
1,2-Dichloropropane	ND		0.002	1	10/12/12 15:45	HJL	4755287
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 15:45	HJL	4755287
2-Butanone	ND		0.01	1	10/12/12 15:45	HJL	4755287
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 15:45	HJL	4755287
Acetone	ND		0.05	1	10/12/12 15:45	HJL	4755287
Benzene	ND		0.001	1	10/12/12 15:45	HJL	4755287
Bromodichloromethane	ND		0.005	1	10/12/12 15:45	HJL	4755287
Bromoform	ND		0.005	1	10/12/12 15:45	HJL	4755287
Bromomethane	ND		0.01	1	10/12/12 15:45	HJL	4755287
Carbon disulfide	ND		0.005	1	10/12/12 15:45	HJL	4755287
Carbon tetrachloride	ND		0.003	1	10/12/12 15:45	HJL	4755287
Chlorobenzene	ND		0.005	1	10/12/12 15:45	HJL	4755287
Chloroethane	ND		0.01	1	10/12/12 15:45	HJL	4755287
Chloroform	ND		0.005	1	10/12/12 15:45	HJL	4755287
Chloromethane	ND		0.002	1	10/12/12 15:45	HJL	4755287
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 15:45	HJL	4755287
Dibromochloromethane	ND		0.005	1	10/12/12 15:45	HJL	4755287
Ethylbenzene	ND		0.005	1	10/12/12 15:45	HJL	4755287
Hexachloroethane	ND		0.002	1	10/12/12 15:45	HJL	4755287
Isobutyl alcohol	ND		0.1	1	10/12/12 15:45	HJL	4755287
Methyl tert-butyl ether	ND		0.001	1	10/12/12 15:45	HJL	4755287
Methylene chloride	ND		0.005	1	10/12/12 15:45	HJL	4755287
Naphthalene	ND		0.001	1	10/12/12 15:45	HJL	4755287
Styrene	ND		0.005	1	10/12/12 15:45	HJL	4755287
Tetrachloroethene	ND		0.003	1	10/12/12 15:45	HJL	4755287
Toluene	ND		0.005	1	10/12/12 15:45	HJL	4755287

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 25
10/16/2012 11:06:40 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID: DUP-100912

Collected: 10/09/2012 0:00

Lab Sample ID: L0021037-08

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 15:45	HJL	4755287
Trichloroethene	ND		0.005	1	10/12/12 15:45	HJL	4755287
Trichlorofluoromethane	ND		0.005	1	10/12/12 15:45	HJL	4755287
Vinyl chloride	ND		0.002	1	10/12/12 15:45	HJL	4755287
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 15:45	HJL	4755287
m,p-Xylene	ND		0.005	1	10/12/12 15:45	HJL	4755287
o-Xylene	ND		0.005	1	10/12/12 15:45	HJL	4755287
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 15:45	HJL	4755287
1,3-Dichloropropene, Total	ND		0.003	1	10/12/12 15:45	HJL	4755287
Xylenes, Total	ND		0.005	1	10/12/12 15:45	HJL	4755287
Surr: 1,2-Dichloroethane-d4	104		% 84-124	1	10/12/12 15:45	HJL	4755287
Surr: 4-Bromofluorobenzene	99.0		% 89-111	1	10/12/12 15:45	HJL	4755287
Surr: Toluene-d8	95.0		% 83-115	1	10/12/12 15:45	HJL	4755287

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

L0021037 Page 26
 10/16/2012 11:06:41 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:FB-100912

Collected: 10/09/2012 15:30

Lab Sample ID: L0021037-09

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B	Units: mg/L	
1,1,1,2-Tetrachloroethane	ND		0.003	1	10/12/12 13:12	HJL	4755282
1,1,1-Trichloroethane	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,1,2,2-Tetrachloroethane	ND		0.0005	1	10/12/12 13:12	HJL	4755282
1,1,2-Trichloroethane	ND		0.003	1	10/12/12 13:12	HJL	4755282
1,1-Dichloroethane	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,1-Dichloroethene	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,2-Dibromo-3-chloropropane	ND		0.001	1	10/12/12 13:12	HJL	4755282
1,2-Dichlorobenzene	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,2-Dichloroethane	ND		0.003	1	10/12/12 13:12	HJL	4755282
1,2-Dichloropropane	ND		0.002	1	10/12/12 13:12	HJL	4755282
1,3-Dichlorobenzene	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,4-Dichlorobenzene	ND		0.005	1	10/12/12 13:12	HJL	4755282
2-Butanone	ND		0.01	1	10/12/12 13:12	HJL	4755282
4-Methyl-2-pentanone	ND		0.01	1	10/12/12 13:12	HJL	4755282
Acetone	ND		0.05	1	10/12/12 13:12	HJL	4755282
Benzene	ND		0.001	1	10/12/12 13:12	HJL	4755282
Bromodichloromethane	ND		0.005	1	10/12/12 13:12	HJL	4755282
Bromoform	ND		0.005	1	10/12/12 13:12	HJL	4755282
Bromomethane	ND		0.01	1	10/12/12 13:12	HJL	4755282
Carbon disulfide	ND		0.005	1	10/12/12 13:12	HJL	4755282
Carbon tetrachloride	ND		0.003	1	10/12/12 13:12	HJL	4755282
Chlorobenzene	ND		0.005	1	10/12/12 13:12	HJL	4755282
Chloroethane	ND		0.01	1	10/12/12 13:12	HJL	4755282
Chloroform	ND		0.005	1	10/12/12 13:12	HJL	4755282
Chloromethane	ND		0.002	1	10/12/12 13:12	HJL	4755282
cis-1,3-Dichloropropene	ND		0.003	1	10/12/12 13:12	HJL	4755282
Dibromochloromethane	ND		0.005	1	10/12/12 13:12	HJL	4755282
Ethylbenzene	ND		0.005	1	10/12/12 13:12	HJL	4755282
Hexachloroethane	ND		0.002	1	10/12/12 13:12	HJL	4755282
Isobutyl alcohol	ND		0.1	1	10/12/12 13:12	HJL	4755282
Methyl tert-butyl ether	ND		0.001	1	10/12/12 13:12	HJL	4755282
Methylene chloride	ND		0.005	1	10/12/12 13:12	HJL	4755282
Naphthalene	ND		0.001	1	10/12/12 13:12	HJL	4755282
Styrene	ND		0.005	1	10/12/12 13:12	HJL	4755282
Tetrachloroethene	ND		0.003	1	10/12/12 13:12	HJL	4755282
Toluene	ND		0.005	1	10/12/12 13:12	HJL	4755282

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

L0021037 Page 27
 10/16/2012 11:06:42 AM



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Client Sample ID:FB-100912

Collected: 10/09/2012 15:30

Lab Sample ID: L0021037-09

Site: LDNR/BAYOU CORNE

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
trans-1,3-Dichloropropene	ND		0.003	1	10/12/12 13:12	HJL	4755282
Trichloroethene	ND		0.005	1	10/12/12 13:12	HJL	4755282
Trichlorofluoromethane	ND		0.005	1	10/12/12 13:12	HJL	4755282
Vinyl chloride	ND		0.002	1	10/12/12 13:12	HJL	4755282
cis-1,2-Dichloroethene	ND		0.005	1	10/12/12 13:12	HJL	4755282
m,p-Xylene	ND		0.005	1	10/12/12 13:12	HJL	4755282
o-Xylene	ND		0.005	1	10/12/12 13:12	HJL	4755282
trans-1,2-Dichloroethene	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,2-Dichloroethene (total)	ND		0.005	1	10/12/12 13:12	HJL	4755282
1,3-Dichloropropene,Total	ND		0.003	1	10/12/12 13:12	HJL	4755282
Xylenes,Total	ND		0.005	1	10/12/12 13:12	HJL	4755282
Surr: 1,2-Dichloroethane-d4	101		% 84-124	1	10/12/12 13:12	HJL	4755282
Surr: 4-Bromofluorobenzene	99.3		% 89-111	1	10/12/12 13:12	HJL	4755282
Surr: Toluene-d8	93.0		% 83-115	1	10/12/12 13:12	HJL	4755282

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

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Quality Control Documentation

Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Method Blank

RunID: XB_121012C-4755281 Units: mg/L
Analysis Date: 10/12/2012 12:42 Analyst: HJL

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0021037-01A	007-098-100912
L0021037-02A	007-131-100912
L0021037-03A	007-089-100912
L0021037-04A	007-073-100912
L0021037-05A	007-072-100912
L0021037-06A	007-081-100912
L0021037-07A	007-080-100912
L0021037-08A	DUP-100912
L0021037-09A	FB-100912

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	0.0030
1,1,1-Trichloroethane	ND	0.0050
1,1,2,2-Tetrachloroethane	ND	0.0050
1,1,2-Trichloroethane	ND	0.0030
1,1-Dichloroethane	ND	0.0050
1,1-Dichloroethene	ND	0.0050
1,2-Dibromo-3-chloropropane	ND	0.0010
1,2-Dichlorobenzene	ND	0.0050
1,2-Dichloroethane	ND	0.0030
1,2-Dichloropropane	ND	0.0020
1,3-Dichlorobenzene	ND	0.0050
1,4-Dichlorobenzene	ND	0.0050
2-Butanone	ND	0.010
4-Methyl-2-pentanone	ND	0.010
Acetone	ND	0.050
Benzene	ND	0.0010
Bromodichloromethane	ND	0.0050
Bromoform	ND	0.0050
Bromomethane	ND	0.010
Carbon disulfide	ND	0.0050
Carbon tetrachloride	ND	0.0030
Chlorobenzene	ND	0.0050
Chloroethane	ND	0.010
Chloroform	ND	0.0050
Chloromethane	ND	0.0020
cis-1,3-Dichloropropene	ND	0.0030
Dibromochloromethane	ND	0.0050
Ethylbenzene	ND	0.0050
Hexachloroethane	ND	0.0020
Isobutyl alcohol	ND	0.10
Methyl tert-butyl ether	ND	0.0010
Methylene chloride	ND	0.0050
Naphthalene	ND	0.0010
Styrene	ND	0.0050
Tetrachloroethene	ND	0.0030
Toluene	ND	0.0050
trans-1,3-Dichloropropene	ND	0.0030
Trichloroethene	ND	0.0050
Trichlorofluoromethane	ND	0.0050
Vinyl chloride	ND	0.0020
cis-1,2-Dichloroethene	ND	0.0050

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Method Blank

RunID: XB_121012C-4755281 Units: mg/L
Analysis Date: 10/12/2012 12:42 Analyst: HJL

Analyte	Result	Rep Limit
m,p-Xylene	ND	0.0050
o-Xylene	ND	0.0050
trans-1,2-Dichloroethene	ND	0.0050
1,2-Dichloroethene (total)	ND	0.0050
1,3-Dichloropropene, Total	ND	0.0030
Xylenes, Total	ND	0.0050
Surr: 1,2-Dichloroethane-d4	102.2	84-124
Surr: 4-Bromofluorobenzene	98.9	89-111
Surr: Toluene-d8	93.5	83-115

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: XB_121012C-4755279 Units: mg/L
Analysis Date: 10/12/2012 11:40 Analyst: HJL

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	0.0200	0.0221	110	0.0200	0.0225	113	2.1	11	84	120
1,1,1-Trichloroethane	0.0200	0.0217	109	0.0200	0.0213	107	1.9	11	74	126
1,1,2,2-Tetrachloroethane	0.0200	0.0201	100	0.0200	0.0206	103	2.3	13	77	126
1,1,2-Trichloroethane	0.0200	0.0206	103	0.0200	0.0205	102	0.3	12	80	123
1,1-Dichloroethane	0.0200	0.0200	99.8	0.0200	0.0191	95.4	4.5	11	78	124
1,1-Dichloroethene	0.0200	0.0209	105	0.0200	0.0195	97.5	7.1	14	70	134
1,2-Dibromo-3-chloropropane	0.0200	0.0199	99.7	0.0200	0.0188	93.9	6.0	21	67	131
1,2-Dichlorobenzene	0.0200	0.0209	104	0.0200	0.0211	105	0.9	11	83	120
1,2-Dichloroethane	0.0200	0.0199	99.4	0.0200	0.0204	102	2.6	10	74	127
1,2-Dichloropropane	0.0200	0.0183	91.4	0.0200	0.0186	93.2	2.0	10	82	120
1,3-Dichlorobenzene	0.0200	0.0222	111	0.0200	0.0214	107	3.6	11	84	121
1,4-Dichlorobenzene	0.0200	0.0216	108	0.0200	0.0215	107	0.6	11	83	122
2-Butanone	0.0500	0.0462	92.4	0.0500	0.0455	91.0	1.5	26	59	149

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
 B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
 J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: XB_121012C-4755279 Units: mg/L
Analysis Date: 10/12/2012 11:40 Analyst: HJL

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
4-Methyl-2-pentanone	0.0500	0.0427	85.4	0.0500	0.0450	90.0	5.3	18	74	131
Acetone	0.0500	0.0469	93.7	0.0500	0.0452	90.4	3.6	26	38	178
Benzene	0.0200	0.0183	91.7	0.0200	0.0181	90.7	1.2	10	82	119
Bromodichloromethane	0.0200	0.0198	99.0	0.0200	0.0204	102	2.8	11	79	120
Bromoform	0.0200	0.0198	99.0	0.0200	0.0208	104	4.7	12	68	128
Bromomethane	0.0200	0.0207	103	0.0200	0.0216	108	4.5	34	38	198
Carbon disulfide	0.0200	0.0195	97.6	0.0200	0.0182	91.1	6.9	12	64	133
Carbon tetrachloride	0.0200	0.0218	109	0.0200	0.0214	107	1.6	13	69	132
Chlorobenzene	0.0200	0.0217	109	0.0200	0.0202	101	7.2	9	85	120
Chloroethane	0.0200	0.0189	94.7	0.0200	0.0178	89.1	6.1	24	33	170
Chloroform	0.0200	0.0209	104	0.0200	0.0202	101	3.4	11	80	122
Chloromethane	0.0200	0.0171	85.7	0.0200	0.0161	80.5	6.2	14	50	136
cis-1,3-Dichloropropene	0.0200	0.0190	95.2	0.0200	0.0191	95.3	0.1	10	79	122
Dibromochloromethane	0.0200	0.0214	107	0.0200	0.0212	106	1.1	10	73	125
Ethylbenzene	0.0200	0.0209	105	0.0200	0.0220	110	5.1	10	84	117
Hexachloroethane	0.0200	0.0205	103	0.0200	0.0192	96.0	6.7	16	53	141
Isobutyl alcohol	0.200	0.179	89.6	0.200	0.183	91.6	2.2	121	20	175
Methyl tert-butyl ether	0.0200	0.0177	88.3	0.0200	0.0185	92.6	4.7	58	75	126
Methylene chloride	0.0200	0.0221	111	0.0200	0.0201	100	9.7	21	71	130
Naphthalene	0.0200	0.0216	108	0.0200	0.0228	114	5.2	22	74	136
Styrene	0.0200	0.0210	105	0.0200	0.0210	105	0.0	10	79	128
Tetrachloroethene	0.0200	0.0237	118	0.0200	0.0234	117	1.1	13	75	133
Toluene	0.0200	0.0205	102	0.0200	0.0202	101	1.4	10	80	121
trans-1,3-Dichloropropene	0.0200	0.0204	102	0.0200	0.0209	104	2.1	11	78	124
Trichloroethene	0.0200	0.0217	108	0.0200	0.0219	109	1.1	11	82	125
Trichlorofluoromethane	0.0200	0.0231	115	0.0200	0.0225	112	2.6	16	62	148
Vinyl chloride	0.0200	0.0191	95.6	0.0200	0.0178	89.0	7.1	14	67	130
cis-1,2-Dichloroethene	0.0200	0.0197	98.7	0.0200	0.0187	93.7	5.2	11	78	122
m,p-Xylene	0.0400	0.0430	108	0.0400	0.0433	108	0.6	10	82	121

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
 B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
 J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: XB_121012C-4755279 Units: mg/L
Analysis Date: 10/12/2012 11:40 Analyst: HJL

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
o-Xylene	0.0200	0.0208	104	0.0200	0.0210	105	0.7	10	84	119
trans-1,2-Dichloroethene	0.0200	0.0206	103	0.0200	0.0196	98.2	4.8	18	75	127
1,2-Dichloroethene (total)	0.0400	0.0403	101	0.0400	0.0383	96.0	5.0	13	78	123
1,3-Dichloropropene, Total	0.0400	0.0394	98.7	0.0400	0.0400	99.8	1.1	10	80	121
Xylenes, Total	0.0600	0.0638	106	0.0600	0.0643	107	0.6	10	81	122
Surr: 1,2-Dichloroethane-d4	50.0	52.1	104	50.0	51.9	104	0.4	30	84	124
Surr: 4-Bromofluorobenzene	50.0	50.9	102	50.0	52.1	104	2.2	30	89	111
Surr: Toluene-d8	50.0	46.3	92.6	50.0	47.3	94.7	2.3	30	83	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0021037-06
RunID: XB_121012C-4755299 Units: mg/L
Analysis Date: 10/12/2012 21:53 Analyst: HJL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	0.1	0.0984	98.4	0.1	0.102	102	3.43	11	84	120
1,1,1-Trichloroethane	ND	0.1	0.101	101	0.1	0.108	108	6.71	11	74	126
1,1,2,2-Tetrachloroethane	ND	0.1	0.0937	93.7	0.1	0.101	101	7.41	13	77	126
1,1,2-Trichloroethane	ND	0.1	0.0950	95.0	0.1	0.104	104	9.57	12	80	123
1,1-Dichloroethane	ND	0.1	0.0940	94.0	0.1	0.0971	97.1	3.24	11	78	124
1,1-Dichloroethene	ND	0.1	0.0947	94.7	0.1	0.0964	96.4	1.76	14	70	134
1,2-Dibromo-3-chloropropane	ND	0.1	0.0899	89.9	0.1	0.0903	90.3	0.399	21	67	131
1,2-Dichlorobenzene	ND	0.1	0.0950	95.0	0.1	0.100	100	5.42	11	83	120
1,2-Dichloroethane	ND	0.1	0.0982	98.2	0.1	0.103	103	4.59	10	74	127

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0021037-06
RunID: XB_121012C-4755299 Units: mg/L
Analysis Date: 10/12/2012 21:53 Analyst: HJL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,2-Dichloropropane	ND	0.1	0.0884	88.4	0.1	0.0938	93.8	5.92	10	82	120
1,3-Dichlorobenzene	ND	0.1	0.0960	96.0	0.1	0.102	102	5.86	11	84	121
1,4-Dichlorobenzene	ND	0.1	0.0938	93.8	0.1	0.0988	98.8	5.17	11	83	122
2-Butanone	ND	0.25	0.212	85.0	0.25	0.217	86.7	2.04	26	59	149
4-Methyl-2-pentanone	ND	0.25	0.229	91.6	0.25	0.241	96.5	5.15	18	74	131
Acetone	ND	0.25	0.236	94.3	0.25	0.230	91.8	2.62	26	38	178
Benzene	ND	0.1	0.0875	87.5	0.1	0.0929	92.9	6.01	10	82	119
Bromodichloromethane	ND	0.1	0.0941	94.1	0.1	0.0999	99.9	5.97	11	79	120
Bromoform	ND	0.1	0.0973	97.3	0.1	0.104	104	6.53	12	68	128
Bromomethane	ND	0.1	0.0644	64.4	0.1	0.0872	87.2	30.1	34	38	198
Carbon disulfide	ND	0.1	0.0852	85.2	0.1	0.0913	91.3	6.92	12	64	133
Carbon tetrachloride	ND	0.1	0.100	100	0.1	0.106	106	5.41	13	69	132
Chlorobenzene	ND	0.1	0.0981	98.1	0.1	0.105	105	6.92	9	85	120
Chloroethane	ND	0.1	0.0841	84.1	0.1	0.0964	96.4	13.6	24	33	170
Chloroform	ND	0.1	0.0968	96.8	0.1	0.103	103	6.13	11	80	122
Chloromethane	ND	0.1	0.0765	76.5	0.1	0.0795	79.5	3.95	14	50	136
cis-1,3-Dichloropropene	ND	0.1	0.0861	86.1	0.1	0.0910	91.0	5.53	10	79	122
Dibromochloromethane	ND	0.1	0.0948	94.8	0.1	0.102	102	6.98	10	73	125
Ethylbenzene	ND	0.1	0.0941	94.1	0.1	0.101	101	7.16	10	84	117
Hexachloroethane	ND	0.1	0.0829	82.9	0.1	0.0886	88.6	6.67	16	53	141
Isobutyl alcohol	ND	1	0.887	88.7	1	0.865	86.5	2.42	121	20	175
Methyl tert-butyl ether	ND	0.1	0.0900	90.0	0.1	0.0933	93.3	3.62	58	75	126
Methylene chloride	ND	0.1	0.101	101	0.1	0.0977	97.7	3.59	21	71	130
Naphthalene	ND	0.1	0.110	110	0.1	0.111	111	0.975	22	74	136
Styrene	ND	0.1	0.0956	95.6	0.1	0.105	105	9.24	10	79	128
Tetrachloroethene	ND	0.1	0.100	100	0.1	0.110	110	9.01	13	75	133
Toluene	ND	0.1	0.0892	89.2	0.1	0.102	102	12.9 *	10	80	121
trans-1,3-Dichloropropene	ND	0.1	0.0927	92.7	0.1	0.0968	96.8	4.28	11	78	124

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
 B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
 J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

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Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: L0021037
Lab Batch ID: R296611

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0021037-06
RunID: XB_121012C-4755299 Units: mg/L
Analysis Date: 10/12/2012 21:53 Analyst: HJL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Trichloroethene	ND	0.1	0.103	103	0.1	0.105	105	2.33	11	82	125
Trichlorofluoromethane	ND	0.1	0.102	102	0.1	0.111	111	9.08	16	62	148
Vinyl chloride	ND	0.1	0.0853	85.3	0.1	0.0898	89.8	5.13	14	67	130
cis-1,2-Dichloroethene	ND	0.1	0.0910	91.0	0.1	0.0932	93.2	2.33	11	78	122
m,p-Xylene	ND	0.2	0.192	95.8	0.2	0.207	103	7.72	10	82	121
o-Xylene	ND	0.1	0.0950	95.0	0.1	0.103	103	8.04	10	84	119
trans-1,2-Dichloroethene	ND	0.1	0.0911	91.1	0.1	0.0964	96.4	5.64	18	75	127
1,2-Dichloroethene (total)	ND	0.2	0.1821	91.05	0.2	0.1896	94.77	3.999	13	78	123
1,3-Dichloropropene, Total	ND	0.2	0.1788	89.41	0.2	0.1878	93.88	4.881	10	80	121
Xylenes, Total	ND	0.3	0.287	95.5	0.3	0.310	103	7.82	10	81	122
Surr: 1,2-Dichloroethane-d4	ND	250	270	108	250	260	104	4.07	30	84	124
Surr: 4-Bromofluorobenzene	ND	250	254	102	250	258	103	1.65	30	89	111
Surr: Toluene-d8	ND	250	239	95.5	250	242	96.7	1.27	30	83	115

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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10/16/2012 11:06:55 AM

Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Anions by IC using EPA 300.0
 Method: E300.0

WorkOrder: L0021037
 Lab Batch ID: R296538

Method Blank

RunID: IC_121011A-4754089 Units: mg/L
 Analysis Date: 10/11/2012 19:53 Analyst: JMR

Analyte	Result	Rep Limit
Chloride	ND	0.25

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0021037-01B	007-098-100912
L0021037-02B	007-131-100912
L0021037-03B	007-089-100912
L0021037-04B	007-073-100912
L0021037-05B	007-072-100912
L0021037-06B	007-081-100912
L0021037-07B	007-080-100912
L0021037-08B	DUP-100912

Laboratory Control Sample (LCS)

RunID: IC_121011A-4754090 Units: mg/L
 Analysis Date: 10/11/2012 20:06 Analyst: JMR

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	12.50	13.19	105.5	90	110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0021037-06
 RunID: IC_121011A-4754096 Units: mg/L
 Analysis Date: 10/11/2012 21:23 Analyst: JMR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	1211	1000	2184	97.25	1000	2168	95.70	0.7137	15	80	120

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

SHAW ENVIRONMENTAL & INFRASTRUCTURE

147497- INDUSTRIAL WATER WELL SAMPLING

Analysis: Total Dissolved Solids by SM2540 C
 Method: M2540 C

WorkOrder: L0021037
 Lab Batch ID: R296701

Method Blank

RunID: WET_1210150-4757320 Units: mg/L
 Analysis Date: 10/15/2012 15:40 Analyst: SPM

Analyte	Result	Rep Limit
Total Dissolved Solids (Residue,filterable)	ND	10

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0021037-01B	007-098-100912
L0021037-02B	007-131-100912
L0021037-03B	007-089-100912
L0021037-04B	007-073-100912
L0021037-05B	007-072-100912
L0021037-06B	007-081-100912
L0021037-07B	007-080-100912
L0021037-08B	DUP-100912

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_1210150-4757321 Units: mg/L
 Analysis Date: 10/15/2012 15:40 Analyst: SPM

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Total Dissolved Solids (Residue,filterable)	200.0	193.3	96.67	200.0	193.3	96.67	0.0	20	90	110

Sample Duplicate

Original Sample: L0021037-01
 RunID: WET_1210150-4757323 Units: mg/L
 Analysis Date: 10/15/2012 15:40 Analyst: SPM

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Total Dissolved Solids (Residue,filterable)	5220	5487	4.92	20

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
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 * - Recovery Outside Advisable QC Limits

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*Sample Receipt Checklist
And
Chain of Custody*



ACCUTEST GULF COAST
 500 AMBASSADOR CAFFERY PARKWAY
 SCOTT, LA 70583
 (337) 237-4775

Sample Receipt Checklist

Workorder:	L0021037	Received By:	GAS
Date and Time Received:	10/10/2012 3:00:00 PM	Carrier name:	Accutest-Delivery
Temperature:	4.5°C	Chilled by:	Water Ice

- | | | | |
|---|---|--|--|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody agrees with sample labels?
007-080-100912 has COC time: 13:30, but time on container is 12:30 | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 7. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | VOA Vials Not Present <input type="checkbox"/> |
| 13. Water - Preservation checked upon receipt (except VOA*)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/> |

*VOA Preservation Checked After Sample Analysis

Accutest Representative:
 Client Name Contacted:

Contact Date & Time:

Non Conformance Issues:

Client Instructions:

