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25 January 2008

Mr. Gary Miller
Task Order Monitor
U.S. Environmental Protection Agency (EPA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Subject: Analytical Data Summary/Electronic Data Deliverable
Phase 2 Soil Investigation Split Sampling (5 November 2007)
Gulfco Marine Maintenance Site RI/FS Oversight
U.S. Environmental Protection Agency Region 6
Remedial Action Contract 2, Contract: EP-W-06-004
Task Order: 0006-RSBD-06JZ

Dear Mr. Miller:

EA is submitting the electronic version of the analytical results summary (in PDF) and electronic data deliverable (EDD; in MS Excel format) associated with the following soil split samples obtained on 5 November 2007:

- L20SB030-0.5-EPA – semivolatile organic compounds (SVOCs; SW-846 Method 8270C), polychlorinated biphenyls (PCBs; SW-846 Method 8082), metals (SW-846 Method 6010B), mercury (SW-846 Method 7471A), and percent moisture (ASTM Method D 2216-90)
- L20SB031-2-EPA – SVOCs, PCBs, metals (including mercury)
- L20SB060-0.5-EPA – SVOCs, PCBs, metals (including mercury)
- SB2020-0.5-EPA – SVOCs, PCBs, metals (including mercury), organochlorine pesticides (SW-846 Method 8081A)
- SB2041.5-2-EPA – VOCs (SW-846 Method 8260B), SVOCs, organochlorine pesticides.

Based on data validation performed by EA, all of the data is considered usable as qualified, with the following exceptions:

- For sample SB2041.5-2-EPA, acrolein and n-butanol were qualified (R) and should be considered unusable based on the initial calibration.
- All benzidine results were qualified (R) and should be considered unusable due to lack of benzidine recovery in the laboratory control sample or laboratory control sample duplicate.

EA will also transmit the electronic version of the electronic data deliverable and associated analytical data package to EPA via e-mail.

825387

If you have any questions regarding this submittal, please call me at (972) 459-5040.

Sincerely,

Luis Vega
Project Manager

Enclosure

cc: Cora Stanley, EPA Contracting Officer (letter only)
Rena McClurg, EPA Project Officer (letter only)
Fritz Meyer, EA Program Manager (letter only via e-mail)
Jeff Hills, EA Financial Manager (letter only via e-mail)
File

TRANSMITTAL OF DOCUMENTS FOR ACCEPTANCE BY EPA			DATE: **25 January 2008**	TRANSMITTAL NO. **000024**
TO: **Gary Miller, Task Order Monitor** **U.S. Environmental Protection Agency Region 6**		FROM: **Luis Vega** **EA Engineering, Science, and Technology, Inc.**		
SUBTASK NO.	DELIVERABLE		NO. OF COPIES	REMARKS
5	**Analytical Data Summary/Electronic Data Deliverable Ground Water Split Sample (3 December 2007) Gulfco Marine Maintenance Site RI/FS Oversight Task Order 0006-RSBD-06JZ**		**1 Electronic Copy via E-mail**	**Hard-copy data package to be delivered following receipt and data validation**
ACCEPTANCE ACTION				
DOCUMENTS FOUND ACCEPTABLE (LIST BY SUBTASK NO.)		NAME/TITLE/SIGNATURE OF REVIEWER DATE		

Enclosure 1

Electronic Data Deliverable
Sample Designation Group I7K070182

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aluminum	7429905	8,920	B	75.2	6.1	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Antimony	7440360	0.038	B J	0.75	0.029	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Arsenic	7440382	4	B	0.75	0.044	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Barium	7440393	66.1	B	0.75	0.053	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Beryllium	7440417	0.52	J	0.75	0.038	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Cadmium	7440439	0.16	J	0.75	0.032	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Cobalt	7440484	3.5		0.75	0.024	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Copper	7440508	8		0.75	0.2	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Iron	7439896	8,930		37.6	22.4	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Lead	7439921	12.1	B	0.75	0.03	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Lithium	7439932	12.3		6	0.2	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Manganese	7439965	145		0.75	0.19	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Nickel	7440020	11.8		0.75	0.081	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Selenium	7782492	0.28	B J	0.75	0.096	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Silver	7440224	0.034	B J	0.75	0.015	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Thallium	7440280	0.11	B J	0.75	0.011	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Titanium	7440326	215	B	7.5	0.17	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Zinc	7440666	36.2		7.5	2.1	mg/kg	6020	5.95	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Mercury	7439976	0.014	J	0.11	0.0021	mg/kg	7471A	0.86	11/7/2007	11/13/2007	11/13/2007		7317255	7317255	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1016	12674112	ND		42	6.4	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1221	11104282	ND		59	20	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1232	11141165	ND		42	6.5	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1242	53469219	ND		42	12	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1248	12672296	ND		42	7.1	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1254	11097691	130		42	7	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aroclor 1260	11096825	76		42	3.4	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	1,2-Diphenylhydrazine (as Azobenzene)	122667	ND		420	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4,5-Trichlorophenol	95954	ND		420	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4,6-Trichlorophenol	88062	ND		420	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4-Dichlorophenol	120832	ND		420	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4-Dimethylphenol	105679	ND		420	99	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4-Dinitrophenol	51285	ND		2,100	230	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,4-Dinitrotoluene	121142	ND		420	200	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2,6-Dinitrotoluene	606202	ND		420	52	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Chloronaphthalene	91587	ND		420	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Chlorophenol	95578	ND		420	37	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Methylnaphthalene	91576	ND		420	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Methylphenol	95487	ND		420	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Nitroaniline	88744	ND		420	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	2-Nitrophenol	88755	ND		420	80	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	3,3'-Dichlorobenzidine	91941	ND		2,100	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	3-Methylphenol & 4-Methylphenol	65794969	ND		420	82	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	3-Nitroaniline	99092	ND		420	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4,6-Dinitro-2-methylphenol	534521	ND		2,100	180	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Bromophenyl phenyl ether	101553	ND		420	38	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Chloro-3-methylphenol	59507	ND		420	67	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Chloroaniline	106478	ND		420	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Chlorophenyl phenyl ether	7005723	ND		420	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Nitroaniline	100016	ND		420	130	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	4-Nitrophenol	100027	ND		2,100	190	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Acenaphthene	83329	ND		420	44	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Acenaphthylene	208968	ND		420	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Acetophenone	98862	ND		420	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Aniline	62533	ND		420	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Anthracene	120127	ND		420	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzidine	92875	ND		2,100	170	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzo(a)anthracene	56553	ND		420	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzo(a)pyrene	50328	ND		420	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzo(b)fluoranthene	205992	ND		420	66	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzo(ghi)perylene	191242	ND		420	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzo(k)fluoranthene	207089	ND		420	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzoic acid	65850	ND		2,100	150	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Benzyl alcohol	100516	ND		420	110	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Biphenyl	92524	ND		420	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	bis(2-Chloroethoxy)methane	111911	ND		420	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	bis(2-Chloroethyl) ether	111444	ND		420	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	bis(2-Chloroisopropyl) ether	108601	ND		420	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	bis(2-Ethylhexyl) phthalate	117817	220	J	420	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Butyl benzyl phthalate	85687	ND		420	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Caprolactam	105602	ND		420		ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Carbazole	86748	ND		420	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Chrysene	218019	ND		420	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Di-n-butyl phthalate	84742	ND		420	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Di-n-octyl phthalate	117840	ND		420	150	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Dibenz(a,h)anthracene	53703	ND		420	110	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Dibenzofuran	132649	ND		420	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Diethyl phthalate	84662	ND		420	27	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Dimethyl phthalate	131113	ND		420	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Fluoranthene	206440	ND		420	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Fluorene	86737	ND		420	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Hexachlorobenzene	118741	ND		420	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Hexachlorobutadiene	87683	ND		420	51	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Hexachlorocyclopentadiene	77474	ND		2,100	210	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Hexachloroethane	67721	ND		420	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Indeno(1,2,3-cd)pyrene	193395	ND		420	65	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Isophorone	78591	ND		420	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	N-Nitrosodi-n-propylamine	621647	ND		420	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	N-Nitrosodimethylamine	62759	ND		420	44	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	N-Nitrosodiphenylamine	86306	ND		420	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Nitrobenzene	98953	ND		420	62	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Phenanthrene	85018	ND		420	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Phenol	108952	ND		420	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Pyridine	110861	ND		420	49	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	21
L20SB030-0.5-EPA	I7K070182	1	SOLID	11/5/2007	Percent Moisture	Q1028	20.9		0.5	0	%	D 2216-90	1	11/7/2007	11/14/2007	11/14/2007		7318441	7318441	21
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aluminum	7429905	22,300	B	102	8.2	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Antimony	7440360	0.1	B J	1	0.039	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Arsenic	7440382	3.9	B	1	0.06	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Barium	7440393	81.1	B	1	0.071	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Beryllium	7440417	1.1		1	0.051	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Cadmium	7440439	0.059	J	1	0.043	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Cobalt	7440484	8.1		1	0.033	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Copper	7440508	12.1		1	0.27	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Iron	7439896	20,600		50.9	30.4	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Lead	7439921	10.8	B	1	0.041	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Lithium	7439932	23.6		8.1	0.28	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Manganese	7439965	40.5		0.13	0.034	mg/kg	6020	1	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Nickel	7440020	19.1		1	0.11	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Selenium	7782492	0.02	B J	0.13	0.017	mg/kg	6020	1	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Silver	7440224	0.039	B J	1	0.02	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Thallium	7440280	0.18	B J	1	0.014	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Titanium	7440326	60.8	B	10.2	0.22	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Zinc	7440666	6.7		1.3	0.37	mg/kg	6020	1	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Mercury	7439976	0.0077	J	0.099	0.0019	mg/kg	7471A	0.75	11/7/2007	11/13/2007	11/13/2007		7317255	7317255	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1016	12674112	ND		44	6.7	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1221	11104282	ND		62	21	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1232	11141165	ND		44	6.8	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1242	53469219	ND		44	12	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1248	12672296	ND		44	7.4	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1254	11097691	ND		44	7.3	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aroclor 1260	11096825	ND		44	3.5	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	1,2-Diphenylhydrazine (as Azobenzene)	122667	ND		440	56	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4,5-Trichlorophenol	95954	ND		440	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4,6-Trichlorophenol	88062	ND		440	58	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4-Dichlorophenol	120832	ND		440	57	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4-Dimethylphenol	105679	ND		440	100	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4-Dinitrophenol	51285	ND		2,200	240	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,4-Dinitrotoluene	121142	ND		440	210	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2,6-Dinitrotoluene	606202	ND		440	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Chloronaphthalene	91587	ND		440	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Chlorophenol	95578	ND		440	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Methylnaphthalene	91576	ND		440	42	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Methylphenol	95487	ND		440	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Nitroaniline	88744	ND		440	56	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	2-Nitrophenol	88755	ND		440	83	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	3,3'-Dichlorobenzidine	91941	ND		2,200	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	3-Methylphenol & 4-Methylphenol	65794969	ND		440	86	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	3-Nitroaniline	99092	ND		440	42	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4,6-Dinitro-2-methylphenol	534521	ND		2,200	190	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Bromophenyl phenyl ether	101553	ND		440	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Chloro-3-methylphenol	59507	ND		440	70	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Chloroaniline	106478	ND		440	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Chlorophenyl phenyl ether	7005723	ND		440	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Nitroaniline	100016	ND		440	130	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	4-Nitrophenol	100027	ND		2,200	200	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Acenaphthene	83329	ND		440	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Acenaphthylene	208968	ND		440	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Acetophenone	98862	ND		440	49	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Aniline	62533	ND		440	42	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Anthracene	120127	ND		440	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzidine	92875	ND		2,200	180	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzo(a)anthracene	56553	ND		440	26	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzo(a)pyrene	50328	ND		440	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzo(b)fluoranthene	205992	ND		440	69	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzo(ghi)perylene	191242	ND		440	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzo(k)fluoranthene	207089	ND		440	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzoic acid	65850	ND		2,200	150	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Benzyl alcohol	100516	ND		440	110	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Biphenyl	92524	ND		440	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	bis(2-Chloroethoxy)methane	111911	ND		440	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	bis(2-Chloroethyl) ether	111444	ND		440	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	bis(2-Chloroisopropyl) ether	108601	ND		440	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	bis(2-Ethylhexyl) phthalate	117817	250	J	440	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Butyl benzyl phthalate	85687	ND		440	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Caprolactam	105602	ND		440		ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Carbazole	86748	ND		440	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Chrysene	218019	ND		440	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Di-n-butyl phthalate	84742	ND		440	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Di-n-octyl phthalate	117840	ND		440	160	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Dibenz(a,h)anthracene	53703	ND		440	110	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Dibenzofuran	132649	ND		440	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Diethyl phthalate	84662	ND		440	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Dimethyl phthalate	131113	ND		440	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Fluoranthene	206440	ND		440	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Fluorene	86737	ND		440	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Hexachlorobenzene	118741	ND		440	37	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Hexachlorobutadiene	87683	ND		440	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Hexachlorocyclopentadiene	77474	ND		2,200	220	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Hexachloroethane	67721	ND		440	57	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Indeno(1,2,3-cd)pyrene	193395	ND		440	68	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Isophorone	78591	ND		440	56	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	N-Nitrosodi-n-propylamine	621647	ND		440	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	N-Nitrosodimethylamine	62759	ND		440	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	N-Nitrosodiphenylamine	86306	ND		440	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Nitrobenzene	98953	ND		440	65	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Phenanthrene	85018	ND		440	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Phenol	108952	ND		440	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Pyridine	110861	ND		440	51	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	24
L20SB031-2-EPA	I7K070182	2	SOLID	11/5/2007	Percent Moisture	Q1028	24.4		0.5	0	%	D 2216-90	1	11/7/2007	11/14/2007	11/14/2007		7318441	7318441	24
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aluminum	7429905	2,470	B	94.4	7.6	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Antimony	7440360	0.22	B J	0.94	0.036	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Arsenic	7440382	3.2	B	0.94	0.056	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Barium	7440393	145	B	0.94	0.066	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Beryllium	7440417	0.16	J	0.94	0.047	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Cadmium	7440439	0.71	J	0.94	0.04	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Cobalt	7440484	2.7		0.94	0.03	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Copper	7440508	303		0.94	0.25	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Iron	7439896	7,320		47.2	28.2	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Lead	7439921	87.4	B	0.94	0.038	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Lithium	7439932	3.7	J	7.5	0.26	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Manganese	7439965	414		0.8	0.2	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Nickel	7440020	10.6		0.94	0.1	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Selenium	7782492	ND		0.8	0.1	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Silver	7440224	0.044	B J	0.94	0.019	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Thallium	7440280	ND		0.94	0.013	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Titanium	7440326	399	B	9.4	0.21	mg/kg	6020	9.09	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Zinc	7440666	265		8	2.2	mg/kg	6020	7.69	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Mercury	7439976	0.3		0.096	0.0018	mg/kg	7471A	0.92	11/7/2007	11/13/2007	11/13/2007		7317255	7317255	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1016	12674112	ND		170	26	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1221	11104282	ND		240	81	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1232	11141165	ND		170	27	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1242	53469219	ND		170	47	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1248	12672296	ND		170	29	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1254	11097691	880		170	29	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aroclor 1260	11096825	310		170	14	ug/kg	8082	5	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	1,2-Diphenylhydrazine (as Azobenzene)	122667	ND		340	44	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4,5-Trichlorophenol	95954	ND		340	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4,6-Trichlorophenol	88062	ND		340	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4-Dichlorophenol	120832	ND		340	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4-Dimethylphenol	105679	ND		340	82	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4-Dinitrophenol	51285	ND		1,700	190	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,4-Dinitrotoluene	121142	ND		340	160	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2,6-Dinitrotoluene	606202	ND		340	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Chloronaphthalene	91587	ND		340	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Chlorophenol	95578	ND		340	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Methylnaphthalene	91576	ND		340	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Methylphenol	95487	ND		340	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Nitroaniline	88744	ND		340	44	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	2-Nitrophenol	88755	ND		340	65	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	3,3'-Dichlorobenzidine	91941	ND		1,700	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	3-Methylphenol & 4-Methylphenol	65794969	ND		340	67	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	3-Nitroaniline	99092	ND		340	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4,6-Dinitro-2-methylphenol	534521	ND		1,700	150	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Bromophenyl phenyl ether	101553	ND		340	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Chloro-3-methylphenol	59507	ND		340	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Chloroaniline	106478	ND		340	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Chlorophenyl phenyl ether	7005723	ND		340	27	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Nitroaniline	100016	ND		340	100	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	4-Nitrophenol	100027	ND		1,700	160	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Acenaphthene	83329	ND		340	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Acenaphthylene	208968	ND		340	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Acetophenone	98862	ND		340	38	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Aniline	62533	ND		340	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Anthracene	120127	ND		340	26	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzidine	92875	ND		1,700	140	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzo(a)anthracene	56553	78	J	340	21	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzo(a)pyrene	50328	170	J	340	24	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzo(b)fluoranthene	205992	220	J	340	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzo(ghi)perylene	191242	83	J	340	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzo(k)fluoranthene	207089	130	J	340	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzoic acid	65850	ND		1,700	120	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Benzyl alcohol	100516	ND		340	86	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Biphenyl	92524	ND		340	27	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	bis(2-Chloroethoxy)methane	111911	ND		340	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	bis(2-Chloroethyl) ether	111444	ND		340	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	bis(2-Chloroisopropyl) ether	108601	ND		340	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	bis(2-Ethylhexyl) phthalate	117817	250	J	340	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Butyl benzyl phthalate	85687	ND		340	27	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Caprolactam	105602	ND		340		ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Carbazole	86748	ND		340	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Chrysene	218019	130	J	340	23	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Di-n-butyl phthalate	84742	ND		340	26	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Di-n-octyl phthalate	117840	ND		340	130	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Dibenz(a,h)anthracene	53703	ND		340	87	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Dibenzofuran	132649	ND		340	37	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Diethyl phthalate	84662	ND		340	22	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Dimethyl phthalate	131113	ND		340	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Fluoranthene	206440	210	J	340	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Fluorene	86737	ND		340	24	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Hexachlorobenzene	118741	ND		340	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Hexachlorobutadiene	87683	ND		340	42	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Hexachlorocyclopentadiene	77474	ND		1,700	180	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Hexachloroethane	67721	ND		340	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Indeno(1,2,3-cd)pyrene	193395	120	J	340	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Isophorone	78591	ND		340	44	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	N-Nitrosodi-n-propylamine	621647	ND		340	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	N-Nitrosodimethylamine	62759	ND		340	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	N-Nitrosodiphenylamine	86306	ND		340	24	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Nitrobenzene	98953	ND		340	51	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Phenanthrene	85018	83	J	340	23	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Phenol	108952	ND		340	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Pyridine	110861	ND		340	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	3.7
L20SB060-0.5-EPA	I7K070182	3	SOLID	11/5/2007	Percent Moisture	Q1028	3.7		0.5	0	%	D 2216-90	1	11/7/2007	11/14/2007	11/14/2007		7318441	7318441	3.7
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aluminum	7429905	20,400	B	109	8.8	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Antimony	7440360	0.1	B J	1.1	0.041	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Arsenic	7440382	5.6	B	1.1	0.064	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Barium	7440393	205	B	1.1	0.076	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Beryllium	7440417	0.93	J	1.1	0.055	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Cadmium	7440439	0.45	J	1.1	0.046	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Cobalt	7440484	9.6		1.1	0.035	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Copper	7440508	479		1.1	0.29	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Iron	7439896	38,600		54.5	32.5	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Lead	7439921	355	B	1.1	0.044	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Lithium	7439932	21.5		8.7	0.3	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Manganese	7439965	529		1.1	0.28	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Nickel	7440020	23.9		1.1	0.12	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Selenium	7782492	0.2	B J	1.1	0.14	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Silver	7440224	ND		1.1	0.022	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Thallium	7440280	0.15	B J	1.1	0.015	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Titanium	7440326	110	B	10.9	0.24	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/17/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Zinc	7440666	1,790		10.9	3	mg/kg	6020	8.77	11/7/2007	11/12/2007	11/19/2007		7320111	7320111	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Mercury	7439976	0.012	J	0.075	0.0014	mg/kg	7471A	0.6	11/7/2007	11/13/2007	11/13/2007		7317255	7317255	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDD	72548	ND		2.1	0.68	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDD	72548	ND		2.1	0.68	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDE	72559	ND		2.1	0.3	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDE	72559	ND		2.1	0.3	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDT	50293	ND		2.1	0.73	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,4'-DDT	50293	ND		2.1	0.73	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aldrin	309002	ND		2.1	0.31	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aldrin	309002	0.35	J	2.1	0.31	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	alpha-BHC	319846	ND		2.1	0.27	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	alpha-BHC	319846	ND		2.1	0.27	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	alpha-Chlordane	5103719	ND		2.1	0.4	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	alpha-Chlordane	5103719	ND		2.1	0.4	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	beta-BHC	319857	ND		2.1	0.36	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	beta-BHC	319857	ND		2.1	0.36	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	delta-BHC	319868	ND		2.1	0.21	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	delta-BHC	319868	ND		2.1	0.21	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Dieldrin	60571	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Dieldrin	60571	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan I	959988	ND		2.1	0.22	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan I	959988	ND		2.1	0.22	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan II	33213659	ND		2.1	0.36	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan II	33213659	ND		2.1	0.36	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan sulfate	1031078	ND		2.1	0.34	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endosulfan sulfate	1031078	ND		2.1	0.34	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin	72208	ND		2.1	0.38	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin	72208	ND		2.1	0.38	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin aldehyde	7421934	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin aldehyde	7421934	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin ketone	53494705	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Endrin ketone	53494705	ND		2.1	0.26	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	gamma-BHC (Lindane)	58899	ND		2.1	0.18	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	gamma-BHC (Lindane)	58899	ND		2.1	0.18	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	gamma-Chlordane	5103742	ND		2.1	0.33	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	gamma-Chlordane	5103742	ND		2.1	0.33	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Heptachlor	76448	ND		2.1	0.27	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Heptachlor	76448	ND		2.1	0.27	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Heptachlor epoxide	1024573	ND		2.1	0.53	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Heptachlor epoxide	1024573	ND		2.1	0.53	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Methoxychlor	72435	ND		4.1	0.56	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Methoxychlor	72435	ND		4.1	0.56	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Toxaphene	8001352	ND		210	20	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Toxaphene	8001352	ND		210	20	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1016	12674112	ND		41	6.3	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1221	11104282	ND		58	19	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1232	11141165	ND		41	6.4	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1242	53469219	ND		41	11	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1248	12672296	ND		41	7	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1254	11097691	ND		41	6.9	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aroclor 1260	11096825	ND		41	3.3	ug/kg	8082	1	11/7/2007	11/15/2007	11/20/2007		7319486	7319486	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	1,2-Diphenylhydrazine (as Azobenzene)	122667	ND		410	52	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4,5-Trichlorophenol	95954	ND		410	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4,6-Trichlorophenol	88062	ND		410	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4-Dichlorophenol	120832	ND		410	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4-Dimethylphenol	105679	ND		410	98	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4-Dinitrophenol	51285	ND		2,100	220	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,4-Dinitrotoluene	121142	ND		410	200	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2,6-Dinitrotoluene	606202	ND		410	51	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Chloronaphthalene	91587	ND		410	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Chlorophenol	95578	ND		410	36	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Methylnaphthalene	91576	ND		410	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Methylphenol	95487	ND		410	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Nitroaniline	88744	ND		410	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	2-Nitrophenol	88755	ND		410	78	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	3,3'-Dichlorobenzidine	91941	ND		2,100	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	3-Methylphenol & 4-Methylphenol	65794969	ND		410	81	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	3-Nitroaniline	99092	ND		410	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4,6-Dinitro-2-methylphenol	534521	ND		2,100	180	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Bromophenyl phenyl ether	101553	ND		410	38	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Chloro-3-methylphenol	59507	ND		410	66	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Chloroaniline	106478	ND		410	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Chlorophenyl phenyl ether	7005723	ND		410	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Nitroaniline	100016	ND		410	120	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	4-Nitrophenol	100027	ND		2,100	190	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Acenaphthene	83329	ND		410	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Acenaphthylene	208968	ND		410	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Acetophenone	98862	ND		410	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Aniline	62533	ND		410	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Anthracene	120127	ND		410	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzidine	92875	ND		2,100	170	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzo(a)anthracene	56553	81	J	410	25	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzo(a)pyrene	50328	220	J	410	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzo(b)fluoranthene	205992	300	J	410	65	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzo(ghi)perylene	191242	180	J	410	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzo(k)fluoranthene	207089	150	J	410	49	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzoic acid	65850	ND		2,100	140	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Benzyl alcohol	100516	ND		410	100	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Biphenyl	92524	ND		410	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	bis(2-Chloroethoxy)methane	111911	ND		410	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	bis(2-Chloroethyl) ether	111444	ND		410	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	bis(2-Chloroisopropyl) ether	108601	ND		410	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	bis(2-Ethylhexyl) phthalate	117817	490		410	52	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Butyl benzyl phthalate	85687	ND		410	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Caprolactam	105602	ND		410		ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Carbazole	86748	ND		410	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Chrysene	218019	140	J	410	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Di-n-butyl phthalate	84742	ND		410	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Di-n-octyl phthalate	117840	ND		410	150	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Dibenz(a,h)anthracene	53703	ND		410	100	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Dibenzofuran	132649	ND		410	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Diethyl phthalate	84662	ND		410	27	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Dimethyl phthalate	131113	ND		410	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Fluoranthene	206440	120	J	410	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Fluorene	86737	ND		410	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Hexachlorobenzene	118741	ND		410	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Hexachlorobutadiene	87683	ND		410	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Hexachlorocyclopentadiene	77474	ND		2,100	210	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Hexachloroethane	67721	ND		410	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Indeno(1,2,3-cd)pyrene	193395	190	J	410	64	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Isophorone	78591	ND		410	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	N-Nitrosodi-n-propylamine	621647	ND		410	30	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	N-Nitrosodimethylamine	62759	ND		410	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	N-Nitrosodiphenylamine	86306	ND		410	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Nitrobenzene	98953	ND		410	61	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Phenanthrene	85018	49	J	410	28	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Phenol	108952	ND		410	41	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Pyridine	110861	ND		410	48	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	20
SB2020-0.5-EPA	I7K070182	4	SOLID	11/6/2007	Percent Moisture	Q1028	19.6		0.5	0	%	D 2216-90	1	11/7/2007	11/14/2007	11/14/2007		7318441	7318441	20
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDD	72548	ND		2.4	0.79	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDD	72548	ND		2.4	0.79	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDE	72559	3.1		2.4	0.34	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDE	72559	0.41	J COL	2.4	0.34	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDT	50293	ND		2.4	0.85	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,4'-DDT	50293	2.3	J	2.4	0.85	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Aldrin	309002	ND		2.4	0.36	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Aldrin	309002	ND		2.4	0.36	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	alpha-BHC	319846	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	alpha-BHC	319846	0.34	J COL	2.4	0.31	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	alpha-Chlordane	5103719	ND		2.4	0.46	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	alpha-Chlordane	5103719	ND		2.4	0.46	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	beta-BHC	319857	ND		2.4	0.41	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	beta-BHC	319857	ND		2.4	0.41	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	delta-BHC	319868	ND		2.4	0.24	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	delta-BHC	319868	1	J COL	2.4	0.24	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dieldrin	60571	ND		2.4	0.3	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dieldrin	60571	ND		2.4	0.3	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan I	959988	ND		2.4	0.25	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan I	959988	ND		2.4	0.25	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan II	33213659	ND		2.4	0.41	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan II	33213659	ND		2.4	0.41	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan sulfate	1031078	ND		2.4	0.4	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endosulfan sulfate	1031078	ND		2.4	0.4	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin	72208	ND		2.4	0.44	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin	72208	ND		2.4	0.44	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin aldehyde	7421934	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin aldehyde	7421934	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin ketone	53494705	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Endrin ketone	53494705	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	gamma-BHC (Lindane)	58899	ND		2.4	0.21	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	gamma-BHC (Lindane)	58899	ND		2.4	0.21	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	gamma-Chlordane	5103742	ND		2.4	0.38	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	gamma-Chlordane	5103742	ND		2.4	0.38	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Heptachlor	76448	ND		2.4	0.31	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Heptachlor	76448	0.54	J COL	2.4	0.31	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Heptachlor epoxide	1024573	ND		2.4	0.61	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Heptachlor epoxide	1024573	ND		2.4	0.61	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methoxychlor	72435	ND		4.7	0.65	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methoxychlor	72435	ND		4.7	0.65	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Toxaphene	8001352	ND		240	23	ug/kg	8081A	1	11/7/2007	11/15/2007	11/21/2007		7319509	7319509	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Toxaphene	8001352	ND		240	23	ug/kg	8081A	1	11/7/2007	11/26/2007	11/28/2007		7330258	7330258	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1,1,2-Tetrachloroethane	630206	ND		7.3	0.79	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1,1-Trichloroethane	71556	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1,2,2-Tetrachloroethane	79345	ND		7.3	4.6	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1,2-Trichloro-1,2,2-trifluoroethane	76131	ND		15	2.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1,2-Trichloroethane	79005	ND		7.3	0.76	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1-Dichloroethane	75343	ND		7.3	0.91	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1-Dichloroethene	75354	ND		7.3	1.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,1-Dichloropropene	563586	ND		7.3	1.4	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2,3-Trichloropropane	96184	ND		7.3	3.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2,4-Trichlorobenzene	120821	ND		7.3	2.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2,4-Trimethylbenzene	95636	5.2	J	7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dibromo-3-chloropropane (DBCP)	96128	ND		15	6.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dibromoethane (EDB)	106934	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dichlorobenzene	95501	ND		7.3	2.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dichloroethane	107062	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dichloroethene (total)	540590	ND		7.3	1.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Dichloropropane	78875	ND		7.3	0.99	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,3,5-Trimethylbenzene	108678	ND		7.3	1.4	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,3-Dichlorobenzene	541731	ND		7.3	1.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,3-Dichloropropane	142289	ND		7.3	0.97	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,4-Dichlorobenzene	106467	ND		7.3	1.6	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,2-Dichloropropane	594207	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Butanone (MEK)	78933	18		15	2.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Chloroethyl vinyl ether	110758	ND		15	0.82	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Chlorotoluene	95498	ND		7.3	1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Hexanone	591786	ND		15	4.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Chlorotoluene	106434	ND		7.3	1.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Methyl-2-pentanone (MIBK)	108101	ND		15	2.4	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acetone	67641	83		73	2.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acrolein	107028	ND		73	7.8	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acrylonitrile	107131	ND		73	9.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzene	71432	4.7	J	7.3	0.97	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Bromobenzene	108861	0.93	J	7.3	0.85	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Bromodichloromethane	75274	ND		7.3	0.9	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Bromoform	75252	ND		7.3	1.6	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Bromomethane	74839	ND		15	0.95	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Carbon disulfide	75150	13		7.3	1.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Carbon tetrachloride	56235	ND		7.3	1.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Chlorobenzene	108907	3.4	J	7.3	0.85	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Chloroethane	75003	ND		15	1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Chloroform	67663	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Chloromethane	74873	ND		15	0.9	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	cis-1,2-Dichloroethene	156592	ND		7.3	0.92	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	cis-1,3-Dichloropropene	10061015	ND		7.3	0.84	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dibromochloromethane	124481	ND		7.3	0.95	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dibromomethane	74953	ND		7.3	1.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dichlorodifluoromethane	75718	ND		15	6.8	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Ethylbenzene	100414	220		7.3	1.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Hexachlorobutadiene	87683	ND		7.3	2.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Iodomethane	74884	ND		7.3	0.89	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Isopropylbenzene	98828	18		7.3	1.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methyl acetate	79209	ND		29	7.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methyl tert-butyl ether (MTBE)	1634044	ND		7.3	1.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methylcyclohexane	108872	ND		18	5.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Methylene chloride	75092	ND		7.3	1.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	n-Butanol	71363	ND		1,500	130	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	n-Butylbenzene	104518	2.5	J	7.3	2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	n-Propylbenzene	103651	25		7.3	1.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	o-Xylene	95476	5.2	J	7.3	0.83	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	p-Isopropyltoluene	99876	2	J	7.3	1.7	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	sec-Butylbenzene	135988	2	J	7.3	1.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Styrene	100425	ND		7.3	0.77	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	tert-Butylbenzene	98066	ND		7.3	1.6	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Tetrachloroethene	127184	ND		7.3	2.3	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Toluene	108883	3.8	J	7.3	1.2	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	trans-1,2-Dichloroethene	156605	ND		7.3	1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	trans-1,3-Dichloropropene	10061026	ND		7.3	0.93	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	trans-1,4-Dichloro-2-butene	110576	ND		7.3	3.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Trichloroethene	79016	ND		7.3	1.4	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Trichlorofluoromethane	75694	ND		15	1.5	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Vinyl acetate	108054	ND		15	1.6	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Vinyl chloride	75014	ND		7.3	1.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Xylenes (total)	1330207	19	J	22	3.1	ug/kg	8260B	1.01	11/7/2007	11/19/2007	11/19/2007		7330290	7330290	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	1,2-Diphenylhydrazine (as Azobenzene)	122667	ND		470	61	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4,5-Trichlorophenol	95954	ND		470	49	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4,6-Trichlorophenol	88062	ND		470	63	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4-Dichlorophenol	120832	ND		470	62	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4-Dimethylphenol	105679	ND		470	110	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4-Dinitrophenol	51285	ND		2,400	260	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,4-Dinitrotoluene	121142	ND		470	230	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2,6-Dinitrotoluene	606202	ND		470	59	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Chloronaphthalene	91587	ND		470	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Chlorophenol	95578	ND		470	42	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Methylnaphthalene	91576	5,100		470	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Methylphenol	95487	ND		470	57	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Nitroaniline	88744	ND		470	61	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30

GULFCO SOIL SPLIT SAMPLE DATA - 5 NOVEMBER 2007
(LAB SDG I7K070182)

Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	Method Detection Limit	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QC Lot	QC Run	% Water
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	2-Nitrophenol	88755	ND		470	91	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	3,3'-Dichlorobenzidine	91941	ND		2,400	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	3-Methylphenol & 4-Methylphenol	65794969	ND		470	93	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	3-Nitroaniline	99092	ND		470	46	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4,6-Dinitro-2-methylphenol	534521	ND		2,400	200	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Bromophenyl phenyl ether	101553	ND		470	43	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Chloro-3-methylphenol	59507	ND		470	76	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Chloroaniline	106478	ND		470	54	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Chlorophenyl phenyl ether	7005723	ND		470	37	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Nitroaniline	100016	ND		470	140	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	4-Nitrophenol	100027	ND		2,400	220	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acenaphthene	83329	1,100		470	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acenaphthylene	208968	ND		470	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Acetophenone	98862	ND		470	53	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Aniline	62533	ND		470	45	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Anthracene	120127	410	J	470	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzidine	92875	ND		2,400	200	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzo(a)anthracene	56553	470		470	29	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzo(a)pyrene	50328	460	J	470	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzo(b)fluoranthene	205992	540		470	75	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzo(ghi)perylene	191242	120	J	470	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzo(k)fluoranthene	207089	290	J	470	57	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzoic acid	65850	ND		2,400	170	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Benzyl alcohol	100516	ND		470	120	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Biphenyl	92524	400	J	470	38	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	bis(2-Chloroethoxy)methane	111911	ND		470	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	bis(2-Chloroethyl) ether	111444	ND		470	49	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	bis(2-Chloroisopropyl) ether	108601	ND		470	39	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	bis(2-Ethylhexyl) phthalate	117817	2,000		470	60	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Butyl benzyl phthalate	85687	ND		470	38	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Caprolactam	105602	ND		470		ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Carbazole	86748	ND		470	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Chrysene	218019	1,000		470	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Di-n-butyl phthalate	84742	ND		470	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Di-n-octyl phthalate	117840	ND		470	170	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dibenz(a,h)anthracene	53703	ND		470	120	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dibenzofuran	132649	930		470	52	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Diethyl phthalate	84662	ND		470	31	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Dimethyl phthalate	131113	ND		470	34	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Fluoranthene	206440	1,400		470	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Fluorene	86737	2,000		470	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Hexachlorobenzene	118741	ND		470	40	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Hexachlorobutadiene	87683	ND		470	58	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Hexachlorocyclopentadiene	77474	ND		2,400	240	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Hexachloroethane	67721	ND		470	62	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Indeno(1,2,3-cd)pyrene	193395	160	J	470	74	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Isophorone	78591	ND		470	61	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	N-Nitrosodi-n-propylamine	621647	ND		470	35	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	N-Nitrosodimethylamine	62759	ND		470	50	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	N-Nitrosodiphenylamine	86306	ND		470	33	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Nitrobenzene	98953	ND		470	71	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Phenanthrene	85018	2,900		470	32	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Phenol	108952	ND		470	47	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Pyridine	110861	ND		470	55	ug/kg	8270C	1	11/7/2007	11/14/2007	11/16/2007		7318476	7318476	30
SB2041.5-2-EPA	I7K070182	5	SOLID	11/6/2007	Percent Moisture	Q1028	30.5		0.5	0	%	D 2216-90	1	11/7/2007	11/14/2007	11/14/2007		7318441	7318441	30

Notes:

B — Method blank contamination; the associated method blank contains the target analyte at a reportable level. However, all detected aluminum, arsenic, barium, lead, titanium, and thallium results were at least 10 times greater than the amount detected in the method blank; therefore, these results were not qualified solely based on the method blank.

COL — Greater than 40% of the Relative Percent Difference between the primary and confirmation column results; the lower of the two results is reported.

J — Estimated value; result is less than the reporting limit.

Enclosure 2

Analytical Data Package
Sample Designation Group I7K070182

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Certificate of Analysis

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ANALYTICAL REPORT

PROJECT NO. 1434206 EPA

Gulfco Marine EP-W-06-004

Lot #: I7K070182

Luis Vega

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Building C
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Lewisville, TX 75067

TESTAMERICA LABORATORIES, INC.

Neal J. Salcher
Project Manager

November 29, 2007

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

LOT NUMBER: **I7K070182**

This report contains the analytical results for the five samples received under chain of custody by TestAmerica, Inc. on November 7, 2007. These samples are associated with your Gulfco Marine EP-W-06-004 project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

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If you have any questions, please feel free to call me at 512-310-5215.

Methods 8082 (PCB's) and 8081 (Chlorinated Pesticides) were performed by TAL Denver, 4955 Yarrow Street, Arvada, CO 80002, 303-421-6611.

LOT NUMBER I7K070182

Nonconformance 09-0022950

Affected Samples:
I7K070182 (1):
I7K070182 (2):
I7K070182 (3):
I7K070182 (4):
I7K070182 (5):

Affected Methods:
8270C

Case Narrative:
LCS/LCSD was recovered low and outside of criteria for Benzidine (0%). Reanalysis confirms results. LCSD was recovered low for Dibenz (a,h) anthracene (61%). Recoveries for this analyte met requirements in the LCS and MS/MSD.

Corrective Action:
Instrument maintenance, Reanalysis. Benzidine is considered a problem compound, which can have poor recovery. Data is reported as is.

Nonconformance 09-0022996

Affected Samples:
I7K070182 (5):

Affected Methods:
8260B

Case Narrative:
LCS was recovered high and outside of criteria for analyte [Acetone]. The analyte was within criteria in the LCSD. Data are reported as is per SOP.

LCSD was recovered low and outside of criteria for analyte [Methyl acetate]. The analyte was within criteria in the LCS. Data are reported as is per SOP.

LCS/LCSD were recovered high and outside of criteria for analyte [Dichlorodifluoromethane]. The analyte was not detected in any of the samples above the reporting limit. Data are reported as is. Slight positive bias is not believed to have impacted data quality.

The LCS/LCSD RPD criterion was exceeded for analytes [Acetone, 2-butanone (MEK) and Methyl acetate]. The recoveries were within criteria in the LCS and/or LCSD. Data are reported as is.

Corrective Action:
NCM filed and data flagged.

Nonconformance 04-0123570

Affected Samples:
I7K070182 (1): L20SB030-0.5-EPA
I7K070182 (2): L20SB031-2-EPA
I7K070182 (3): L20SB060-0.5-EPA
I7K070182 (4): SB2020-0.5-EPA

Affected Methods:
8082

Case Narrative:
The overall mean %D is within control limits. Therefore, the CCV is in control. Method 8000B requires notification of individual compounds exceeding %D limits, and they include:

CCV 1: DCB at -17.5%

MB, LCS, 182-1, 182-1S,182-1D, 182-2, 182-4

CCV 2: OK

Associated samples include hits for Aroclors; however, DCB is in control in all associated samples. All compounds are in control in the MB and LCS.

Corrective Action:
Report with narrative comment.

Nonconformance 04-0123571

Affected Samples:
I7K070182 (1): L20SB030-0.5-EPA
I7K070182 (2): L20SB031-2-EPA
I7K070182 (3): L20SB060-0.5-EPA
I7K070182 (4): SB2020-0.5-EPA

Affected Methods:
8082

Case Narrative:
The matrix spike and/or matrix spike duplicate recoveries were outside of established limits. In the MS, Aroclor 1260 recovers at 38% (limits are 40-166%). The LCS and blank were in control. Matrix interference is obvious -- the parent sample has a hit for Aroclor 1260.

Corrective Action:
Report with narrative comment.

Nonconformance 04-0123789

Affected Samples:
I7K070182 (4): SB2020-0.5-EPA
I7K070182 (5): SB2041.5-2-EPA

Affected Methods:
8081A

Case Narrative:
The MS/MSD results were outside of control limits. No matrix effects were obvious that would explain the failure. The LCS and Blank were in control.

18 of 20 spike compounds in the MS and 15 of 20 spike compounds in the MSD failed recovery limits. The MS/MSD pair also failed RPD limits for 12 of 20 spiked compounds.

The chromatograms for the parent sample, the MS and the MSD indicate that the sample is not homogeneous. The parent sample and the MSD sample produced chromatograms, which showed very little in the way of interfering matrix peaks. However, the MS sample shows numerous large matrix peaks and large baseline disturbances.

Corrective Action:
NA

Nonconformance 04-0123792

Affected Samples:
I7K070182 (4): SB2020-0.5-EPA
I7K070182 (5): SB2041.5-2-EPA

Affected Methods:
8081A

Case Narrative:
The surrogate recoveries for decachlorobiphenyl (DCB) and/or tetrachloro-m-xylene (TCMX) for samples I7K070182-4 and -5 were below the lower control limits. No matrix effects were obvious that would explain the failure. The LCS and Blank were in control.

Surrogate recoveries for affected samples was

I7K070182-4 = 62%(TCMX) and 77%(DCB)
I7K070182-4MS = 55%(TCMX) and 107%(DCB)
I7K070182-4MSD = 65%(TCMX) and 92%(DCB)
I7K070182-5 = 50%(TCMX) and 55%(DCB)

With limits of 68-120%(TCMX) and 55%(DCB).

Corrective Action:
Although the chromatograms for the associated samples do not show evidence of matrix interference, some matrix effect is implied, as the LCS and Blank are in control. The repeated failure of the surrogates in the MS/MSD and their parent sample would also seem to indicate a matrix effect. However, the failure of both surrogates for sample I7K070182-5, which had hits above the reporting limit for target compounds, as well as the inconsistent results of the MS/MSD samples (See NCM 04-0123789) are, in the opinion of the analyst, a cause for concern. Therefore, even though the analytical holding time has expired, re-extraction will be requested for the associated samples. Both runs are reported.

Nonconformance 04-0123900

Affected Samples:
I7K070182 (4): SB2020-0.5-EPA
I7K070182 (5): SB2041.5-2-EPA

Affected Methods:
8081A (reprep and analysis)

Case Narrative:
The method required MS/MSD could not be performed for this batch, due to insufficient sample volume. A duplicate LCS (LCSD) was analyzed to provide some evidence of batch precision.

Corrective Action:
None.

Nonconformance 04-0124134

Affected Samples:
I7K070182 (4): SB2020-0.5-EPA
I7K070182 (5): SB2041.5-2-EPA

Affected Methods:
8081A

Case Narrative:
The surrogate spike recovery for tetrachloro-m-xylene (TCMX) for sample I7K070182-5 was below the lower control limit, and matrix interference is evident. Recovery for decachlorobiphenyl (DCB) was in control. The LCS/LCSD and Blank were in control.

The chromatogram for the affected sample shows large peaks from non-target compounds in the region where the surrogate elutes. This is interfering with recovery and quantitation of the surrogate.

Corrective Action:
NA

Nonconformance 04-0124135

Affected Samples:
I7K070182 (4): SB2020-0.5-EPA
I7K070182 (5): SB2041.5-2-EPA

Affected Methods:
8081A

Case Narrative:
The overall mean %D is within control limits. Therefore, the CCV is in control. Method 8000B requires notification of individual compounds exceeding %D limits. They include:

1st CCV(front): All Okay
1st CCV(rear): All Okay

LCS, LCSD, 182-4, 182-5, Blank

2nd CCV(front): All Okay
2nd CCV(rear): 4,4'-DDT -16.1%, Methoxychlor -18.6%

Associated samples include hits for some of the listed compounds between the MDL and the RL, which are flagged with a "J" to indicate an estimated concentration.

Corrective Action:
NA

EXECUTIVE SUMMARY - Detection Highlights

I7K070182

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
L20SB030-0.5-EPA 11/05/07 14:14 001				
Aroclor 1254	130	42	ug/kg	SW846 8082
Aroclor 1260	76	42	ug/kg	SW846 8082
Silver	0.034 B,J	0.75	mg/kg	SW846 6020
Aluminum	8920 J	75.2	mg/kg	SW846 6020
Arsenic	4.0 J	0.75	mg/kg	SW846 6020
Barium	66.1 J	0.75	mg/kg	SW846 6020
Beryllium	0.52 B	0.75	mg/kg	SW846 6020
Cadmium	0.16 B	0.75	mg/kg	SW846 6020
Cobalt	3.5	0.75	mg/kg	SW846 6020
Copper	8.0	0.75	mg/kg	SW846 6020
Iron	8930	37.6	mg/kg	SW846 6020
Lithium	12.3	6.0	mg/kg	SW846 6020
Manganese	145	0.75	mg/kg	SW846 6020
Nickel	11.8	0.75	mg/kg	SW846 6020
Lead	12.1 J	0.75	mg/kg	SW846 6020
Antimony	0.038 B,J	0.75	mg/kg	SW846 6020
Selenium	0.28 B,J	0.75	mg/kg	SW846 6020
Titanium	215 J	7.5	mg/kg	SW846 6020
Thallium	0.11 B,J	0.75	mg/kg	SW846 6020
Zinc	36.2	7.5	mg/kg	SW846 6020
Mercury	0.014 B	0.11	mg/kg	SW846 7471A
bis(2-Ethylhexyl) phthalate	220 J	420	ug/kg	SW846 8270C
Percent Moisture	20.9	0.50	%	ASTM D 2216-90
L20SB031-2-EPA 11/05/07 14:17 002				
Silver	0.039 B,J	1.0	mg/kg	SW846 6020
Aluminum	22300 J	102	mg/kg	SW846 6020
Arsenic	3.9 J	1.0	mg/kg	SW846 6020
Barium	81.1 J	1.0	mg/kg	SW846 6020
Beryllium	1.1	1.0	mg/kg	SW846 6020
Cadmium	0.059 B	1.0	mg/kg	SW846 6020
Cobalt	8.1	1.0	mg/kg	SW846 6020
Copper	12.1	1.0	mg/kg	SW846 6020
Iron	20600	50.9	mg/kg	SW846 6020
Lithium	23.6	8.1	mg/kg	SW846 6020
Manganese	40.5	0.13	mg/kg	SW846 6020
Nickel	19.1	1.0	mg/kg	SW846 6020
Lead	10.8 J	1.0	mg/kg	SW846 6020
Antimony	0.10 B,J	1.0	mg/kg	SW846 6020
Selenium	0.020 B,J	0.13	mg/kg	SW846 6020
Titanium	60.8 J	10.2	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

I7K070182

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
L20SB031-2-EPA 11/05/07 14:17 002				
Thallium	0.18 B,J	1.0	mg/kg	SW846 6020
Zinc	6.7	1.3	mg/kg	SW846 6020
Mercury	0.0077 B	0.099	mg/kg	SW846 7471A
bis(2-Ethylhexyl) phthalate	250 J	440	ug/kg	SW846 8270C
Percent Moisture	24.4	0.50	%	ASTM D 2216-90
L20SB060-0.5-EPA 11/05/07 14:53 003				
Aroclor 1254	880	170	ug/kg	SW846 8082
Aroclor 1260	310	170	ug/kg	SW846 8082
Silver	0.044 B,J	0.94	mg/kg	SW846 6020
Aluminum	2470 J	94.4	mg/kg	SW846 6020
Arsenic	3.2 J	0.94	mg/kg	SW846 6020
Barium	145 J	0.94	mg/kg	SW846 6020
Beryllium	0.16 B	0.94	mg/kg	SW846 6020
Cadmium	0.71 B	0.94	mg/kg	SW846 6020
Cobalt	2.7	0.94	mg/kg	SW846 6020
Copper	303	0.94	mg/kg	SW846 6020
Iron	7320	47.2	mg/kg	SW846 6020
Lithium	3.7 B	7.5	mg/kg	SW846 6020
Manganese	414	0.80	mg/kg	SW846 6020
Nickel	10.6	0.94	mg/kg	SW846 6020
Lead	87.4 J	0.94	mg/kg	SW846 6020
Antimony	0.22 B,J	0.94	mg/kg	SW846 6020
Titanium	399 J	9.4	mg/kg	SW846 6020
Zinc	265	8.0	mg/kg	SW846 6020
Mercury	0.30	0.096	mg/kg	SW846 7471A
Benzo(a)anthracene	78 J	340	ug/kg	SW846 8270C
Benzo(b)fluoranthene	220 J	340	ug/kg	SW846 8270C
Benzo(k)fluoranthene	130 J	340	ug/kg	SW846 8270C
Benzo(ghi)perylene	83 J	340	ug/kg	SW846 8270C
Benzo(a)pyrene	170 J	340	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	250 J	340	ug/kg	SW846 8270C
Chrysene	130 J	340	ug/kg	SW846 8270C
Fluoranthene	210 J	340	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	120 J	340	ug/kg	SW846 8270C
Phenanthrene	83 J	340	ug/kg	SW846 8270C
Percent Moisture	3.7	0.50	%	ASTM D 2216-90

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7K070182

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SB2020-0.5-EPA 11/06/07 21:25 004				
Aldrin	0.35 J	2.1	ug/kg	SW846 8081A
Aluminum	20400 J	109	mg/kg	SW846 6020
Arsenic	5.6 J	1.1	mg/kg	SW846 6020
Barium	205 J	1.1	mg/kg	SW846 6020
Beryllium	0.93 B	1.1	mg/kg	SW846 6020
Cadmium	0.45 B	1.1	mg/kg	SW846 6020
Cobalt	9.6	1.1	mg/kg	SW846 6020
Copper	479	1.1	mg/kg	SW846 6020
Iron	38600	54.5	mg/kg	SW846 6020
Lithium	21.5	8.7	mg/kg	SW846 6020
Manganese	529	1.1	mg/kg	SW846 6020
Nickel	23.9	1.1	mg/kg	SW846 6020
Lead	355 J	1.1	mg/kg	SW846 6020
Antimony	0.10 B,J	1.1	mg/kg	SW846 6020
Selenium	0.20 B,J	1.1	mg/kg	SW846 6020
Titanium	110 J	10.9	mg/kg	SW846 6020
Thallium	0.15 B,J	1.1	mg/kg	SW846 6020
Zinc	1790	10.9	mg/kg	SW846 6020
Mercury	0.012 B	0.075	mg/kg	SW846 7471A
Benzo(a)anthracene	81 J	410	ug/kg	SW846 8270C
Benzo(b)fluoranthene	300 J	410	ug/kg	SW846 8270C
Benzo(k)fluoranthene	150 J	410	ug/kg	SW846 8270C
Benzo(ghi)perylene	180 J	410	ug/kg	SW846 8270C
Benzo(a)pyrene	220 J	410	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	490	410	ug/kg	SW846 8270C
Chrysene	140 J	410	ug/kg	SW846 8270C
Fluoranthene	120 J	410	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	190 J	410	ug/kg	SW846 8270C
Phenanthrene	49 J	410	ug/kg	SW846 8270C
Percent Moisture	19.6	0.50	%	ASTM D 2216-90
SB2041.5-2-EPA 11/06/07 23:00 005				
4,4'-DDE	3.1	2.4	ug/kg	SW846 8081A
4,4'-DDT	2.3 J	2.4	ug/kg	SW846 8081A
Heptachlor	0.54	2.4	ug/kg	SW846 8081A
	Qualifiers: J,COL			
alpha-BHC	0.34	2.4	ug/kg	SW846 8081A
	Qualifiers: J,COL			
delta-BHC	1.0 J,COL	2.4	ug/kg	SW846 8081A
4,4'-DDE	0.41	2.4	ug/kg	SW846 8081A
	Qualifiers: J,COL			

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7K070182

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SB2041.5-2-EPA 11/06/07 23:00 005				
Acenaphthene	1100	470	ug/kg	SW846 8270C
Anthracene	410 J	470	ug/kg	SW846 8270C
Benzo(a)anthracene	470	470	ug/kg	SW846 8270C
Benzo(b)fluoranthene	540	470	ug/kg	SW846 8270C
Benzo(k)fluoranthene	290 J	470	ug/kg	SW846 8270C
Benzo(ghi)perylene	120 J	470	ug/kg	SW846 8270C
Benzo(a)pyrene	460 J	470	ug/kg	SW846 8270C
Biphenyl	400 J	470	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	2000	470	ug/kg	SW846 8270C
Chrysene	1000	470	ug/kg	SW846 8270C
Dibenzofuran	930	470	ug/kg	SW846 8270C
Fluoranthene	1400	470	ug/kg	SW846 8270C
Fluorene	2000	470	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	160 J	470	ug/kg	SW846 8270C
2-Methylnaphthalene	5100	470	ug/kg	SW846 8270C
Phenanthrene	2900	470	ug/kg	SW846 8270C
Acetone	83	73	ug/kg	SW846 8260B
Benzene	4.7 J	7.3	ug/kg	SW846 8260B
Bromobenzene	0.93 J	7.3	ug/kg	SW846 8260B
2-Butanone (MEK)	18	15	ug/kg	SW846 8260B
n-Butylbenzene	2.5 J	7.3	ug/kg	SW846 8260B
sec-Butylbenzene	2.0 J	7.3	ug/kg	SW846 8260B
Carbon disulfide	13	7.3	ug/kg	SW846 8260B
Chlorobenzene	3.4 J	7.3	ug/kg	SW846 8260B
Ethylbenzene	220	7.3	ug/kg	SW846 8260B
Isopropylbenzene	18	7.3	ug/kg	SW846 8260B
p-Isopropyltoluene	2.0 J	7.3	ug/kg	SW846 8260B
n-Propylbenzene	25	7.3	ug/kg	SW846 8260B
Toluene	3.8 J	7.3	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	5.2 J	7.3	ug/kg	SW846 8260B
o-Xylene	5.2 J	7.3	ug/kg	SW846 8260B
Xylenes (total)	19 J	22	ug/kg	SW846 8260B
Percent Moisture	30.5	0.50	%	ASTM D 2216-90

PREPARATION METHODS SUMMARY

I7K070182

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion of Sediments, Sludges, Soils	SW846 3050B	SW846 6020
Closed-system Purge-and-Trap (Low-level Soil)	SW846 5035	SW846 8260B
Low Concentration Ultrasonic Extraction	SW846 3550B	SW846 8081A
Low Level Ultrasonic Extraction - 5mL Final	SW846 3550B	SW846 8270C
Mercury sample preparation	SW846 7471A	SW846 7471A
Moisture, Percent-No Sample Preparation	ASTM D2216-90	ASTM D 2216-90
Purge-and-Trap	SW846 5030B/826	SW846 8260B
Ultrasonic Extraction/Sulfuric Acid Cleanup	SW846 3550B/366	SW846 8082

References:

ASTM Annual Book Of ASTM Standards.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

I7K070182

PARAMETER	ANALYTICAL METHOD
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
Method for Determination of Water Content of Soil	ASTM D 2216-90
Organochlorine Pesticides	SW846 8081A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

ASTM Annual Book Of ASTM Standards.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

I7K070182

ANALYTICAL METHOD	ANALYST	ANALYST ID
ASTM D 2216-90	William Jenkins	000069
SW846 6020	Xavier B. Escobar	038011
SW846 7471A	Sydney F. Powers	402637
SW846 8081A	Mike Kellison	003852
SW846 8082	Teresa L. Williams	002510
SW846 8260B	Brian Peterson	400173
SW846 8270C	Jenai Girvicks	402662

References:

ASTM Annual Book Of ASTM Standards.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I7K070182

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KANQF	001	L20SB030-0.5-EPA	11/05/07	14:14
KANQ5	002	L20SB031-2-EPA	11/05/07	14:17
KANRC	003	L20SB060-0.5-EPA	11/05/07	14:53
KANRF	004	SB2020-0.5-EPA	11/06/07	21:25
KANRP	005	SB2041.5-2-EPA	11/06/07	23:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I7K070182

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 6020		7320111	7320066
	SO	ASTM D 2216-90		7318441	7318237
	SO	SW846 7471A		7317255	7317172
	SO	SW846 8082		7319486	7319296
	SO	SW846 8270C		7318476	7323224
002	SO	SW846 6020		7320111	7320066
	SO	ASTM D 2216-90		7318441	7318237
	SO	SW846 7471A		7317255	7317172
	SO	SW846 8082		7319486	7319296
	SO	SW846 8270C		7318476	7323224
003	SO	SW846 6020		7320111	7320066
	SO	ASTM D 2216-90		7318441	7318237
	SO	SW846 7471A		7317255	7317172
	SO	SW846 8082		7319486	7319296
	SO	SW846 8270C		7318476	7323224
004	SO	SW846 6020		7320111	7320066
	SO	ASTM D 2216-90		7318441	7318237
	SO	SW846 7471A		7317255	7317172
	SO	SW846 8082		7319486	7319296
	SO	SW846 8081A		7319509	7319310
	SO	SW846 8081A		7330258	7330125
	SO	SW846 8270C		7318476	7323224
005	SO	ASTM D 2216-90		7318441	7318237
	SO	SW846 8081A		7319509	7319310
	SO	SW846 8081A		7330258	7330125
	SO	SW846 8260B		7330290	7330130
	SO	SW846 8270C		7318476	7323224

EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-001 Work Order #...: KANQF1A2 Matrix.....: SO
Date Sampled...: 11/05/07 14:14 Date Received..: 11/07/07
Prep Date.....: 11/14/07 Analysis Date..: 11/16/07
Prep Batch #...: 7318476 Analysis Time..: 18:03
Dilution Factor: 1
% Moisture.....: 21 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	180
N-Nitrosodimethylamine	ND	420	ug/kg	44
N-Nitrosodiphenylamine	ND	420	ug/kg	29
N-Nitrosodi-n-propylamine	ND	420	ug/kg	31
Phenanthrene	ND	420	ug/kg	28
Phenol	ND	420	ug/kg	41
Pyridine	ND	420	ug/kg	49
2,4,5-Trichlorophenol	ND	420	ug/kg	43
2,4,6-Trichlorophenol	ND	420	ug/kg	55
2,4-Dinitrophenol	ND	2100	ug/kg	230
2,4-Dinitrotoluene	ND	420	ug/kg	200
2,6-Dinitrotoluene	ND	420	ug/kg	52
Di-n-octyl phthalate	ND	420	ug/kg	150
1,2-Diphenylhydrazine (as Azobenzene)	ND	420	ug/kg	53
Fluoranthene	ND	420	ug/kg	31
Fluorene	ND	420	ug/kg	29
Hexachlorobenzene	ND	420	ug/kg	35
Hexachlorobutadiene	ND	420	ug/kg	51
Hexachlorocyclopentadiene	ND	2100	ug/kg	210
Hexachloroethane	ND	420	ug/kg	54
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg	65
Isophorone	ND	420	ug/kg	54
2-Methylnaphthalene	ND	420	ug/kg	41
2-Methylphenol	ND	420	ug/kg	50
3-Methylphenol & 4-Methylphenol	ND	420	ug/kg	82
2-Nitroaniline	ND	420	ug/kg	54
3-Nitroaniline	ND	420	ug/kg	40
4-Nitroaniline	ND	420	ug/kg	130
Nitrobenzene	ND	420	ug/kg	62
2-Nitrophenol	ND	420	ug/kg	80
4-Nitrophenol	ND	2100	ug/kg	190

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-001 **Work Order #...:** KANQF1A2 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	44
Acenaphthylene	ND	420	ug/kg	41
Acetophenone	ND	420	ug/kg	47
Aniline	ND	420	ug/kg	40
Anthracene	ND	420	ug/kg	31
Benzidine	ND	2100	ug/kg	170
Benzo(a)anthracene	ND	420	ug/kg	25
Benzo(b)fluoranthene	ND	420	ug/kg	66
Benzo(k)fluoranthene	ND	420	ug/kg	50
Benzoic acid	ND	2100	ug/kg	150
Benzo(ghi)perylene	ND	420	ug/kg	34
Benzo(a)pyrene	ND	420	ug/kg	29
Benzyl alcohol	ND	420	ug/kg	110
Biphenyl	ND	420	ug/kg	33
bis(2-Chloroethoxy) methane	ND	420	ug/kg	41
bis(2-Chloroethyl)-ether	ND	420	ug/kg	43
bis(2-Chloroisopropyl) ether	ND	420	ug/kg	34
bis(2-Ethylhexyl) phthalate	**220 J**	**420**	**ug/kg**	**53**
4-Bromophenyl phenyl ether	ND	420	ug/kg	38
Butyl benzyl phthalate	ND	420	ug/kg	33
Caprolactam	ND	420	ug/kg	
Carbazole	ND	420	ug/kg	30
4-Chloroaniline	ND	420	ug/kg	47
4-Chloro-3-methylphenol	ND	420	ug/kg	67
2-Chloronaphthalene	ND	420	ug/kg	40
2-Chlorophenol	ND	420	ug/kg	37
4-Chlorophenyl phenyl ether	ND	420	ug/kg	32
Chrysene	ND	420	ug/kg	29
Dibenz(a,h)anthracene	ND	420	ug/kg	110
Dibenzofuran	ND	420	ug/kg	45
Di-n-butyl phthalate	ND	420	ug/kg	31
3,3'-Dichlorobenzidine	ND	2100	ug/kg	30
2,4-Dichlorophenol	ND	420	ug/kg	55
Diethyl phthalate	ND	420	ug/kg	27
2,4-Dimethylphenol	ND	420	ug/kg	99
Dimethyl phthalate	ND	420	ug/kg	30

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EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-001 **Work Order #...:** KANQF1A2 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(40 - 122)
2-Fluorobiphenyl	78	(42 - 129)
Terphenyl-d14	103	(44 - 127)
2-Fluorophenol	82	(36 - 114)
Phenol-d5	74	(38 - 125)
2,4,6-Tribromophenol	61	(42 - 136)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-001 Work Order #...: KANQF1A1 Matrix.....: SO
Date Sampled...: 11/05/07 14:14 Date Received..: 11/07/07
Prep Date.....: 11/15/07 Analysis Date..: 11/20/07
Prep Batch #...: 7319486 Analysis Time..: 03:23
Dilution Factor: 1
% Moisture.....: 21 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	6.4
Aroclor 1221	ND	59	ug/kg	20
Aroclor 1232	ND	42	ug/kg	6.5
Aroclor 1242	ND	42	ug/kg	12
Aroclor 1248	ND	42	ug/kg	7.1
Aroclor 1254	**130**	**42**	**ug/kg**	**7.0**
Aroclor 1260	**76**	**42**	**ug/kg**	**3.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(53 - 132)
Decachlorobiphenyl	89	(38 - 162)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-001 Matrix.....: SO
Date Sampled...: 11/05/07 14:14 Date Received..: 11/07/07
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7317255						
Mercury	0.014 B	0.11	mg/kg	SW846 7471A	11/13/07	KANQF1AC
		Dilution Factor: 0.86		Analysis Time..: 14:00	MDL.....: 0.0021	
Prep Batch #...: 7320111						
Silver	0.034 B,J	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AD
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.015	
Aluminum	8920 J	75.2	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AE
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 6.1	
Arsenic	4.0 J	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AF
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.044	
Barium	66.1 J	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AG
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.053	
Beryllium	0.52 B	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AH
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.038	
Cadmium	0.16 B	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AJ
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.032	
Cobalt	3.5	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AK
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.024	
Copper	8.0	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AL
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.20	
Iron	8930	37.6	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AM
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 22.4	
Lithium	12.3	6.0	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AN
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.20	
Manganese	145	0.75	mg/kg	SW846 6020	11/12-11/19/07	KANQF1AP
		Dilution Factor: 5.95		Analysis Time..: 11:18	MDL.....: 0.19	
Nickel	11.8	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AQ
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.081	

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EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	12.1 J	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AR
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.030	
Antimony	0.038 B,J	0.75	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AT
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.029	
Selenium	0.28 B,J	0.75	mg/kg	SW846 6020	11/12-11/19/07	KANQF1AU
		Dilution Factor: 5.95		Analysis Time..: 11:18	MDL.....: 0.096	
Titanium	215 J	7.5	mg/kg	SW846 6020	11/12-11/17/07	KANQF1AV
		Dilution Factor: 5.95		Analysis Time..: 21:05	MDL.....: 0.17	
Thallium	0.11 B,J	0.75	mg/kg	SW846 6020	11/12-11/19/07	KANQF1AW
		Dilution Factor: 5.95		Analysis Time..: 11:18	MDL.....: 0.011	
Zinc	36.2	7.5	mg/kg	SW846 6020	11/12-11/19/07	KANQF1AX
		Dilution Factor: 5.95		Analysis Time..: 11:18	MDL.....: 2.1	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

EA Engineering, Science and Technology

Client Sample ID: L20SB030-0.5-EPA

General Chemistry

Lot-Sample #...: I7K070182-001 **Work Order #...:** KANQF **Matrix.....:** SO
Date Sampled...: 11/05/07 14:14 **Date Received..:** 11/07/07
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**20.9**	**0.50**	**%**	**ASTM D 2216-90**	**11/14/07**	**7318441**

Dilution Factor: 1 Analysis Time..: 15:48 MDL.....: 0.0

EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-002 **Work Order #...:** KANQ51A2 **Matrix.....:** SO
Date Sampled...: 11/05/07 14:17 **Date Received..:** 11/07/07
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 18:24
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	440	ug/kg	46
Acenaphthylene	ND	440	ug/kg	43
Acetophenone	ND	440	ug/kg	49
Aniline	ND	440	ug/kg	42
Anthracene	ND	440	ug/kg	33
Benzidine	ND	2200	ug/kg	180
Benzo(a)anthracene	ND	440	ug/kg	26
Benzo(b)fluoranthene	ND	440	ug/kg	69
Benzo(k)fluoranthene	ND	440	ug/kg	53
Benzoic acid	ND	2200	ug/kg	150
Benzo(ghi)perylene	ND	440	ug/kg	35
Benzo(a)pyrene	ND	440	ug/kg	30
Benzyl alcohol	ND	440	ug/kg	110
Biphenyl	ND	440	ug/kg	35
bis(2-Chloroethoxy) methane	ND	440	ug/kg	43
bis(2-Chloroethyl)-ether	ND	440	ug/kg	45
bis(2-Chloroisopropyl) ether	ND	440	ug/kg	36
bis(2-Ethylhexyl) phthalate	**250 J**	**440**	**ug/kg**	**55**
4-Bromophenyl phenyl ether	ND	440	ug/kg	40
Butyl benzyl phthalate	ND	440	ug/kg	35
Caprolactam	ND	440	ug/kg	
Carbazole	ND	440	ug/kg	31
4-Chloroaniline	ND	440	ug/kg	50
4-Chloro-3-methylphenol	ND	440	ug/kg	70
2-Chloronaphthalene	ND	440	ug/kg	41
2-Chlorophenol	ND	440	ug/kg	39
4-Chlorophenyl phenyl ether	ND	440	ug/kg	34
Chrysene	ND	440	ug/kg	30
Dibenz(a,h)anthracene	ND	440	ug/kg	110
Dibenzofuran	ND	440	ug/kg	47
Di-n-butyl phthalate	ND	440	ug/kg	32
3,3'-Dichlorobenzidine	ND	2200	ug/kg	32

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EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-002 **Work Order #...:** KANQ51A2 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dichlorophenol	ND	440	ug/kg	57
Diethyl phthalate	ND	440	ug/kg	28
2,4-Dimethylphenol	ND	440	ug/kg	100
Dimethyl phthalate	ND	440	ug/kg	32
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	190
2,4-Dinitrophenol	ND	2200	ug/kg	240
2,4-Dinitrotoluene	ND	440	ug/kg	210
2,6-Dinitrotoluene	ND	440	ug/kg	54
Di-n-octyl phthalate	ND	440	ug/kg	160
1,2-Diphenylhydrazine (as Azobenzene)	ND	440	ug/kg	56
Fluoranthene	ND	440	ug/kg	32
Fluorene	ND	440	ug/kg	31
Hexachlorobenzene	ND	440	ug/kg	37
Hexachlorobutadiene	ND	440	ug/kg	54
Hexachlorocyclopentadiene	ND	2200	ug/kg	220
Hexachloroethane	ND	440	ug/kg	57
Indeno(1,2,3-cd)pyrene	ND	440	ug/kg	68
Isophorone	ND	440	ug/kg	56
2-Methylnaphthalene	ND	440	ug/kg	42
2-Methylphenol	ND	440	ug/kg	53
3-Methylphenol & 4-Methylphenol	ND	440	ug/kg	86
2-Nitroaniline	ND	440	ug/kg	56
3-Nitroaniline	ND	440	ug/kg	42
4-Nitroaniline	ND	440	ug/kg	130
Nitrobenzene	ND	440	ug/kg	65
2-Nitrophenol	ND	440	ug/kg	83
4-Nitrophenol	ND	2200	ug/kg	200
N-Nitrosodimethylamine	ND	440	ug/kg	46
N-Nitrosodiphenylamine	ND	440	ug/kg	30
N-Nitrosodi-n-propylamine	ND	440	ug/kg	32
Phenanthrene	ND	440	ug/kg	29
Phenol	ND	440	ug/kg	43
Pyridine	ND	440	ug/kg	51
2,4,5-Trichlorophenol	ND	440	ug/kg	45
2,4,6-Trichlorophenol	ND	440	ug/kg	58

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EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-002 **Work Order #...:** KANQ51A2 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(40 - 122)
2-Fluorobiphenyl	72	(42 - 129)
Terphenyl-d14	102	(44 - 127)
2-Fluorophenol	72	(36 - 114)
Phenol-d5	72	(38 - 125)
2,4,6-Tribromophenol	64	(42 - 136)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-002 **Work Order #...:** KANQ51AC **Matrix.....:** SO
Date Sampled...: 11/05/07 14:17 **Date Received..:** 11/07/07
Prep Date.....: 11/15/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7319486 **Analysis Time..:** 04:28
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	44	ug/kg	6.7
Aroclor 1221	ND	62	ug/kg	21
Aroclor 1232	ND	44	ug/kg	6.8
Aroclor 1242	ND	44	ug/kg	12
Aroclor 1248	ND	44	ug/kg	7.4
Aroclor 1254	ND	44	ug/kg	7.3
Aroclor 1260	ND	44	ug/kg	3.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(53 - 132)
Decachlorobiphenyl	78	(38 - 162)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-002 Matrix.....: SO
Date Sampled...: 11/05/07 14:17 Date Received..: 11/07/07
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7317255						
Mercury	0.0077 B	0.099	mg/kg	SW846 7471A	11/13/07	KANQ51AE
		Dilution Factor: 0.75		Analysis Time..: 14:01	MDL.....: 0.0019	
Prep Batch #...: 7320111						
Silver	0.039 B,J	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AF
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.020	
Aluminum	22300 J	102	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AG
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 8.2	
Arsenic	3.9 J	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AH
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.060	
Barium	81.1 J	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AJ
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.071	
Beryllium	1.1	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AK
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.051	
Cadmium	0.059 B	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AL
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.043	
Cobalt	8.1	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AM
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.033	
Copper	12.1	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AN
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.27	
Iron	20600	50.9	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AP
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 30.4	
Lithium	23.6	8.1	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AQ
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.28	
Manganese	40.5	0.13	mg/kg	SW846 6020	11/12-11/19/07	KANQ51AR
		Dilution Factor: 1		Analysis Time..: 11:28	MDL.....: 0.034	
Nickel	19.1	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AT
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.11	

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EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	10.8 J	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AU
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.041	
Antimony	0.10 B,J	1.0	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AV
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.039	
Selenium	0.020 B,J	0.13	mg/kg	SW846 6020	11/12-11/19/07	KANQ51AW
		Dilution Factor: 1		Analysis Time..: 11:28	MDL.....: 0.017	
Titanium	60.8 J	10.2	mg/kg	SW846 6020	11/12-11/17/07	KANQ51AX
		Dilution Factor: 7.69		Analysis Time..: 21:20	MDL.....: 0.22	
Thallium	0.18 B,J	1.0	mg/kg	SW846 6020	11/12-11/19/07	KANQ51A0
		Dilution Factor: 7.69		Analysis Time..: 15:01	MDL.....: 0.014	
Zinc	6.7	1.3	mg/kg	SW846 6020	11/12-11/19/07	KANQ51A1
		Dilution Factor: 1		Analysis Time..: 11:28	MDL.....: 0.37	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

EA Engineering, Science and Technology

Client Sample ID: L20SB031-2-EPA

General Chemistry

Lot-Sample #...: I7K070182-002 Work Order #...: KANQ5 Matrix.....: SO
Date Sampled...: 11/05/07 14:17 Date Received..: 11/07/07
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	24.4	0.50	%	ASTM D 2216-90	11/14/07	7318441

Dilution Factor: 1 Analysis Time..: 15:50 MDL.....: 0.0

EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-003 **Work Order #...:** KANRC1A2 **Matrix.....:** SO
Date Sampled...: 11/05/07 14:53 **Date Received..:** 11/07/07
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 21:34
Dilution Factor: 1
% Moisture.....: 3.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	340	ug/kg	36
Acenaphthylene	ND	340	ug/kg	34
Acetophenone	ND	340	ug/kg	38
Aniline	ND	340	ug/kg	33
Anthracene	ND	340	ug/kg	26
Benzidine	ND	1700	ug/kg	140
Benzo(a)anthracene	**78 J**	**340**	**ug/kg**	**21**
Benzo(b)fluoranthene	**220 J**	**340**	**ug/kg**	**54**
Benzo(k)fluoranthene	**130 J**	**340**	**ug/kg**	**41**
Benzoic acid	ND	1700	ug/kg	120
Benzo(ghi)perylene	**83 J**	**340**	**ug/kg**	**28**
Benzo(a)pyrene	**170 J**	**340**	**ug/kg**	**24**
Benzyl alcohol	ND	340	ug/kg	86
Biphenyl	ND	340	ug/kg	27
bis(2-Chloroethoxy) methane	ND	340	ug/kg	34
bis(2-Chloroethyl)-ether	ND	340	ug/kg	36
bis(2-Chloroisopropyl) ether	ND	340	ug/kg	28
bis(2-Ethylhexyl) phthalate	**250 J**	**340**	**ug/kg**	**43**
4-Bromophenyl phenyl ether	ND	340	ug/kg	31
Butyl benzyl phthalate	ND	340	ug/kg	27
Caprolactam	ND	340	ug/kg	
Carbazole	ND	340	ug/kg	25
4-Chloroaniline	ND	340	ug/kg	39
4-Chloro-3-methylphenol	ND	340	ug/kg	55
2-Chloronaphthalene	ND	340	ug/kg	32
2-Chlorophenol	ND	340	ug/kg	30
4-Chlorophenyl phenyl ether	ND	340	ug/kg	27
Chrysene	**130 J**	**340**	**ug/kg**	**23**
Dibenz(a,h)anthracene	ND	340	ug/kg	87
Dibenzofuran	ND	340	ug/kg	37
Di-n-butyl phthalate	ND	340	ug/kg	26
3,3'-Dichlorobenzidine	ND	1700	ug/kg	25

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EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-003 Work Order #...: KANRC1A2 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dichlorophenol	ND	340	ug/kg	45
Diethyl phthalate	ND	340	ug/kg	22
2,4-Dimethylphenol	ND	340	ug/kg	82
Dimethyl phthalate	ND	340	ug/kg	25
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	150
2,4-Dinitrophenol	ND	1700	ug/kg	190
2,4-Dinitrotoluene	ND	340	ug/kg	160
2,6-Dinitrotoluene	ND	340	ug/kg	43
Di-n-octyl phthalate	ND	340	ug/kg	130
1,2-Diphenylhydrazine (as Azobenzene)	ND	340	ug/kg	44
Fluoranthene	**210 J**	**340**	**ug/kg**	**25**
Fluorene	ND	340	ug/kg	24
Hexachlorobenzene	ND	340	ug/kg	29
Hexachlorobutadiene	ND	340	ug/kg	42
Hexachlorocyclopentadiene	ND	1700	ug/kg	180
Hexachloroethane	ND	340	ug/kg	45
Indeno(1,2,3-cd)pyrene	**120 J**	**340**	**ug/kg**	**53**
Isophorone	ND	340	ug/kg	44
2-Methylnaphthalene	ND	340	ug/kg	33
2-Methylphenol	ND	340	ug/kg	41
3-Methylphenol & 4-Methylphenol	ND	340	ug/kg	67
2-Nitroaniline	ND	340	ug/kg	44
3-Nitroaniline	ND	340	ug/kg	33
4-Nitroaniline	ND	340	ug/kg	100
Nitrobenzene	ND	340	ug/kg	51
2-Nitrophenol	ND	340	ug/kg	65
4-Nitrophenol	ND	1700	ug/kg	160
N-Nitrosodimethylamine	ND	340	ug/kg	36
N-Nitrosodiphenylamine	ND	340	ug/kg	24
N-Nitrosodi-n-propylamine	ND	340	ug/kg	25
Phenanthrene	**83 J**	**340**	**ug/kg**	**23**
Phenol	ND	340	ug/kg	34
Pyridine	ND	340	ug/kg	40
2,4,5-Trichlorophenol	ND	340	ug/kg	36
2,4,6-Trichlorophenol	ND	340	ug/kg	46

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-003 **Work Order #...:** KANRC1A2 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(40 - 122)
2-Fluorobiphenyl	72	(42 - 129)
Terphenyl-d14	111	(44 - 127)
2-Fluorophenol	65	(36 - 114)
Phenol-d5	71	(38 - 125)
2,4,6-Tribromophenol	52	(42 - 136)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-003 **Work Order #...:** KANRC1AC **Matrix.....:** SO
Date Sampled...: 11/05/07 14:53 **Date Received..:** 11/07/07
Prep Date.....: 11/15/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7319486 **Analysis Time..:** 11:00
Dilution Factor: 5
% Moisture.....: 3.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	170	ug/kg	26
Aroclor 1221	ND	240	ug/kg	81
Aroclor 1232	ND	170	ug/kg	27
Aroclor 1242	ND	170	ug/kg	47
Aroclor 1248	ND	170	ug/kg	29
Aroclor 1254	**880**	**170**	**ug/kg**	**29**
Aroclor 1260	**310**	**170**	**ug/kg**	**14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	NC,DIL	(53 - 132)
Decachlorobiphenyl	NC,DIL	(38 - 162)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-003 Matrix.....: SO
Date Sampled...: 11/05/07 14:53 Date Received..: 11/07/07
% Moisture.....: 3.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7317255						
Mercury	0.30	0.096	mg/kg	SW846 7471A	11/13/07	KANRC1AE
		Dilution Factor: 0.92		Analysis Time..: 14:02	MDL.....: 0.0018	
Prep Batch #...: 7320111						
Silver	0.044 B,J	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AF
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.019	
Aluminum	2470 J	94.4	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AG
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 7.6	
Arsenic	3.2 J	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AH
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.056	
Barium	145 J	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AJ
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.066	
Beryllium	0.16 B	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AK
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.047	
Cadmium	0.71 B	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AL
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.040	
Cobalt	2.7	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AM
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.030	
Copper	303	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AN
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.25	
Iron	7320	47.2	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AP
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 28.2	
Lithium	3.7 B	7.5	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AQ
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.26	
Manganese	414	0.80	mg/kg	SW846 6020	11/12-11/19/07	KANRC1AR
		Dilution Factor: 7.69		Analysis Time..: 11:31	MDL.....: 0.20	
Nickel	10.6	0.94	mg/kg	SW846 6020	11/12-11/17/07	KANRC1AT
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.10	

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EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	**87.4 J**	**0.94**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KANRC1AU**
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.038	
Antimony	**0.22 B,J**	**0.94**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KANRC1AV**
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.036	
Selenium	ND	0.80	mg/kg	SW846 6020	11/12-11/19/07	KANRC1AW
		Dilution Factor: 7.69		Analysis Time..: 11:31	MDL.....: 0.10	
Titanium	**399 J**	**9.4**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KANRC1AX**
		Dilution Factor: 9.09		Analysis Time..: 21:25	MDL.....: 0.21	
Thallium	ND	0.94	mg/kg	SW846 6020	11/12-11/19/07	KANRC1A0
		Dilution Factor: 9.09		Analysis Time..: 15:04	MDL.....: 0.013	
Zinc	**265**	**8.0**	**mg/kg**	**SW846 6020**	**11/12-11/19/07**	**KANRC1A1**
		Dilution Factor: 7.69		Analysis Time..: 11:31	MDL.....: 2.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

EA Engineering, Science and Technology

Client Sample ID: L20SB060-0.5-EPA

General Chemistry

Lot-Sample #...: I7K070182-003 Work Order #...: KANRC Matrix.....: SO
Date Sampled...: 11/05/07 14:53 Date Received..: 11/07/07
% Moisture.....: 3.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	3.7	0.50	%	ASTM D 2216-90	11/14/07	7318441

Dilution Factor: 1 Analysis Time..: 15:52 MDL.....: 0.0

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-004 Work Order #...: KANRF1A2 Matrix.....: SO
Date Sampled...: 11/06/07 21:25 Date Received..: 11/07/07
Prep Date.....: 11/14/07 Analysis Date..: 11/16/07
Prep Batch #...: 7318476 Analysis Time..: 22:16
Dilution Factor: 1
% Moisture.....: 20 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	410	ug/kg	43
Acenaphthylene	ND	410	ug/kg	41
Acetophenone	ND	410	ug/kg	46
Aniline	ND	410	ug/kg	39
Anthracene	ND	410	ug/kg	31
Benzidine	ND	2100	ug/kg	170
Benzo(a)anthracene	**81 J**	**410**	**ug/kg**	**25**
Benzo(b)fluoranthene	**300 J**	**410**	**ug/kg**	**65**
Benzo(k)fluoranthene	**150 J**	**410**	**ug/kg**	**49**
Benzoic acid	ND	2100	ug/kg	140
Benzo(ghi)perylene	**180 J**	**410**	**ug/kg**	**33**
Benzo(a)pyrene	**220 J**	**410**	**ug/kg**	**28**
Benzyl alcohol	ND	410	ug/kg	100
Biphenyl	ND	410	ug/kg	33
bis(2-Chloroethoxy) methane	ND	410	ug/kg	40
bis(2-Chloroethyl)-ether	ND	410	ug/kg	43
bis(2-Chloroisopropyl) ether	ND	410	ug/kg	34
bis(2-Ethylhexyl) phthalate	**490**	**410**	**ug/kg**	**52**
4-Bromophenyl phenyl ether	ND	410	ug/kg	38
Butyl benzyl phthalate	ND	410	ug/kg	32
Caprolactam	ND	410	ug/kg	
Carbazole	ND	410	ug/kg	29
4-Chloroaniline	ND	410	ug/kg	47
4-Chloro-3-methylphenol	ND	410	ug/kg	66
2-Chloronaphthalene	ND	410	ug/kg	39
2-Chlorophenol	ND	410	ug/kg	36
4-Chlorophenyl phenyl ether	ND	410	ug/kg	32
Chrysene	**140 J**	**410**	**ug/kg**	**28**
Dibenz(a,h)anthracene	ND	410	ug/kg	100
Dibenzofuran	ND	410	ug/kg	45
Di-n-butyl phthalate	ND	410	ug/kg	31
3,3'-Dichlorobenzidine	ND	2100	ug/kg	30

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EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-004 **Work Order #...:** KANRF1A2 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dichlorophenol	ND	410	ug/kg	54
Diethyl phthalate	ND	410	ug/kg	27
2,4-Dimethylphenol	ND	410	ug/kg	98
Dimethyl phthalate	ND	410	ug/kg	30
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	180
2,4-Dinitrophenol	ND	2100	ug/kg	220
2,4-Dinitrotoluene	ND	410	ug/kg	200
2,6-Dinitrotoluene	ND	410	ug/kg	51
Di-n-octyl phthalate	ND	410	ug/kg	150
1,2-Diphenylhydrazine (as Azobenzene)	ND	410	ug/kg	52
Fluoranthene	**120 J**	**410**	**ug/kg**	**30**
Fluorene	ND	410	ug/kg	29
Hexachlorobenzene	ND	410	ug/kg	35
Hexachlorobutadiene	ND	410	ug/kg	50
Hexachlorocyclopentadiene	ND	2100	ug/kg	210
Hexachloroethane	ND	410	ug/kg	54
Indeno(1,2,3-cd)pyrene	**190 J**	**410**	**ug/kg**	**64**
Isophorone	ND	410	ug/kg	53
2-Methylnaphthalene	ND	410	ug/kg	40
2-Methylphenol	ND	410	ug/kg	50
3-Methylphenol & 4-Methylphenol	ND	410	ug/kg	81
2-Nitroaniline	ND	410	ug/kg	53
3-Nitroaniline	ND	410	ug/kg	40
4-Nitroaniline	ND	410	ug/kg	120
Nitrobenzene	ND	410	ug/kg	61
2-Nitrophenol	ND	410	ug/kg	78
4-Nitrophenol	ND	2100	ug/kg	190
N-Nitrosodimethylamine	ND	410	ug/kg	43
N-Nitrosodiphenylamine	ND	410	ug/kg	28
N-Nitrosodi-n-propylamine	ND	410	ug/kg	30
Phenanthrene	**49 J**	**410**	**ug/kg**	**28**
Phenol	ND	410	ug/kg	41
Pyridine	ND	410	ug/kg	48
2,4,5-Trichlorophenol	ND	410	ug/kg	43
2,4,6-Trichlorophenol	ND	410	ug/kg	55

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EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-004 **Work Order #...:** KANRF1A2 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(40 - 122)
2-Fluorobiphenyl	78	(42 - 129)
Terphenyl-d14	109	(44 - 127)
2-Fluorophenol	83	(36 - 114)
Phenol-d5	75	(38 - 125)
2,4,6-Tribromophenol	66	(42 - 136)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-004 **Work Order #...:** KANRF1A3 **Matrix.....:** SO
Date Sampled...: 11/06/07 21:25 **Date Received..:** 11/07/07
Prep Date.....: 11/15/07 **Analysis Date..:** 11/21/07
Prep Batch #...: 7319509 **Analysis Time..:** 01:21
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Endrin	ND	2.1	ug/kg	0.38
alpha-BHC	ND	2.1	ug/kg	0.27
beta-BHC	ND	2.1	ug/kg	0.36
delta-BHC	ND	2.1	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.18
alpha-Chlordane	ND	2.1	ug/kg	0.40
gamma-Chlordane	ND	2.1	ug/kg	0.33
4,4'-DDD	ND	2.1	ug/kg	0.68
4,4'-DDE	ND	2.1	ug/kg	0.30
4,4'-DDT	ND	2.1	ug/kg	0.73
Dieldrin	ND	2.1	ug/kg	0.26
Endosulfan I	ND	2.1	ug/kg	0.22
Endosulfan II	ND	2.1	ug/kg	0.36
Endosulfan sulfate	ND	2.1	ug/kg	0.34
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endrin ketone	ND	2.1	ug/kg	0.26
Heptachlor	ND	2.1	ug/kg	0.27
Heptachlor epoxide	ND	2.1	ug/kg	0.53
Methoxychlor	ND	4.1	ug/kg	0.56
Toxaphene	ND	210	ug/kg	20
Aldrin	ND	2.1	ug/kg	0.31

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	77	(72 - 117)
Tetrachloro-m-xylene	62 *	(68 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-004 **Work Order #...:** KANRF2A3 **Matrix.....:** SO
Date Sampled...: 11/06/07 21:25 **Date Received..:** 11/07/07
Prep Date.....: 11/26/07 **Analysis Date..:** 11/28/07
Prep Batch #...: 7330258 **Analysis Time..:** 18:54
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Endrin	ND	2.1	ug/kg	0.38
alpha-BHC	ND	2.1	ug/kg	0.27
beta-BHC	ND	2.1	ug/kg	0.36
delta-BHC	ND	2.1	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.18
alpha-Chlordane	ND	2.1	ug/kg	0.40
gamma-Chlordane	ND	2.1	ug/kg	0.33
4,4'-DDD	ND	2.1	ug/kg	0.68
4,4'-DDE	ND	2.1	ug/kg	0.30
4,4'-DDT	ND	2.1	ug/kg	0.73
Dieldrin	ND	2.1	ug/kg	0.26
Endosulfan I	ND	2.1	ug/kg	0.22
Endosulfan II	ND	2.1	ug/kg	0.36
Endosulfan sulfate	ND	2.1	ug/kg	0.34
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endrin ketone	ND	2.1	ug/kg	0.26
Heptachlor	ND	2.1	ug/kg	0.27
Heptachlor epoxide	ND	2.1	ug/kg	0.53
Methoxychlor	ND	4.1	ug/kg	0.56
Toxaphene	ND	210	ug/kg	20
Aldrin	**0.35 J**	**2.1**	**ug/kg**	**0.31**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(72 - 117)
Tetrachloro-m-xylene	73	(68 - 120)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

GC Semivolatiles

Lot-Sample #...:	I7K070182-004	**Work Order #...:**	KANRF1AC	**Matrix.....:**	SO
Date Sampled...:	11/06/07 21:25	**Date Received..:**	11/07/07		
Prep Date.....:	11/15/07	**Analysis Date..:**	11/20/07		
Prep Batch #...:	7319486	**Analysis Time..:**	05:13		
Dilution Factor:	1				
% Moisture.....:	20	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	6.3
Aroclor 1221	ND	58	ug/kg	19
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	11
Aroclor 1248	ND	41	ug/kg	7.0
Aroclor 1254	ND	41	ug/kg	6.9
Aroclor 1260	ND	41	ug/kg	3.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(53 - 132)
Decachlorobiphenyl	53	(38 - 162)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-004 Matrix.....: SO
Date Sampled...: 11/06/07 21:25 Date Received..: 11/07/07
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7317255						
Mercury	0.012 B	0.075	mg/kg	SW846 7471A	11/13/07	KANRF1AE
		Dilution Factor: 0.6		Analysis Time..: 14:04	MDL.....: 0.0014	
Prep Batch #...: 7320111						
Silver	ND	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AF
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.022	
Aluminum	20400 J	109	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AG
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 8.8	
Arsenic	5.6 J	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AH
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.064	
Barium	205 J	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AJ
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.076	
Beryllium	0.93 B	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AK
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.055	
Cadmium	0.45 B	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AL
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.046	
Cobalt	9.6	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AM
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.035	
Copper	479	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AN
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.29	
Iron	38600	54.5	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AP
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 32.5	
Lithium	21.5	8.7	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AQ
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.30	
Manganese	529	1.1	mg/kg	SW846 6020	11/12-11/19/07	KANRF1AR
		Dilution Factor: 8.77		Analysis Time..: 11:34	MDL.....: 0.28	
Nickel	23.9	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AT
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.12	

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EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

TOTAL Metals

Lot-Sample #...: I7K070182-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	355 J	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AU
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.044	
Antimony	0.10 B,J	1.1	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AV
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.041	
Selenium	0.20 B,J	1.1	mg/kg	SW846 6020	11/12-11/19/07	KANRF1AW
		Dilution Factor: 8.77		Analysis Time..: 11:34	MDL.....: 0.14	
Titanium	110 J	10.9	mg/kg	SW846 6020	11/12-11/17/07	KANRF1AX
		Dilution Factor: 8.77		Analysis Time..: 21:31	MDL.....: 0.24	
Thallium	0.15 B,J	1.1	mg/kg	SW846 6020	11/12-11/19/07	KANRF1A0
		Dilution Factor: 8.77		Analysis Time..: 15:07	MDL.....: 0.015	
Zinc	1790	10.9	mg/kg	SW846 6020	11/12-11/19/07	KANRF1A1
		Dilution Factor: 8.77		Analysis Time..: 11:34	MDL.....: 3.0	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

EA Engineering, Science and Technology

Client Sample ID: SB2020-0.5-EPA

General Chemistry

Lot-Sample #...: I7K070182-004 Work Order #...: KANRF Matrix.....: SO
Date Sampled...: 11/06/07 21:25 Date Received..: 11/07/07
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	19.6	0.50	%	ASTM D 2216-90	11/14/07	7318441

Dilution Factor: 1 Analysis Time..: 15:54 MDL.....: 0.0

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Volatiles

Lot-Sample #...: I7K070182-005 Work Order #...: KANRP1AE Matrix.....: SO
Date Sampled...: 11/06/07 23:00 Date Received..: 11/07/07
Prep Date.....: 11/19/07 Analysis Date..: 11/19/07
Prep Batch #...: 7330290 Analysis Time..: 12:03
Dilution Factor: 1.01
% Moisture.....: 30 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**83**	**73**	**ug/kg**	**2.5**
Acrolein	ND	73	ug/kg	7.8
Acrylonitrile	ND	73	ug/kg	9.5
Benzene	**4.7 J**	**7.3**	**ug/kg**	**0.97**
Bromobenzene	**0.93 J**	**7.3**	**ug/kg**	**0.85**
Bromodichloromethane	ND	7.3	ug/kg	0.90
Bromoform	ND	7.3	ug/kg	1.6
Bromomethane	ND	15	ug/kg	0.95
n-Butanol	ND	1500	ug/kg	130
2-Butanone (MEK)	**18**	**15**	**ug/kg**	**2.7**
n-Butylbenzene	**2.5 J**	**7.3**	**ug/kg**	**2.0**
sec-Butylbenzene	**2.0 J**	**7.3**	**ug/kg**	**1.5**
tert-Butylbenzene	ND	7.3	ug/kg	1.6
Carbon disulfide	**13**	**7.3**	**ug/kg**	**1.2**
Carbon tetrachloride	ND	7.3	ug/kg	1.7
Chlorobenzene	**3.4 J**	**7.3**	**ug/kg**	**0.85**
Dibromochloromethane	ND	7.3	ug/kg	0.95
Chloroethane	ND	15	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	15	ug/kg	0.82
Chloroform	ND	7.3	ug/kg	1.1
Chloromethane	ND	15	ug/kg	0.90
2-Chlorotoluene	ND	7.3	ug/kg	1.0
4-Chlorotoluene	ND	7.3	ug/kg	1.2
1,2-Dibromo-3-chloropropane (DBCP)	ND	15	ug/kg	6.2
1,2-Dibromoethane (EDB)	ND	7.3	ug/kg	1.1
Dibromomethane	ND	7.3	ug/kg	1.3
1,2-Dichlorobenzene	ND	7.3	ug/kg	2.5
1,3-Dichlorobenzene	ND	7.3	ug/kg	1.3
1,4-Dichlorobenzene	ND	7.3	ug/kg	1.6
trans-1,4-Dichloro-2-butene	ND	7.3	ug/kg	3.5
Dichlorodifluoromethane	ND	15	ug/kg	6.8
1,1-Dichloroethane	ND	7.3	ug/kg	0.91
1,2-Dichloroethane	ND	7.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	7.3	ug/kg	0.92
trans-1,2-Dichloroethene	ND	7.3	ug/kg	1.0
1,1-Dichloroethene	ND	7.3	ug/kg	1.3

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Volatiles

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP1AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichloroethene (total)	ND	7.3	ug/kg	1.7
1,2-Dichloropropane	ND	7.3	ug/kg	0.99
1,3-Dichloropropane	ND	7.3	ug/kg	0.97
2,2-Dichloropropane	ND	7.3	ug/kg	1.1
cis-1,3-Dichloropropene	ND	7.3	ug/kg	0.84
trans-1,3-Dichloropropene	ND	7.3	ug/kg	0.93
1,1-Dichloropropene	ND	7.3	ug/kg	1.4
Ethylbenzene	**220**	**7.3**	**ug/kg**	**1.2**
Hexachlorobutadiene	ND	7.3	ug/kg	2.3
2-Hexanone	ND	15	ug/kg	4.3
Iodomethane	ND	7.3	ug/kg	0.89
Isopropylbenzene	**18**	**7.3**	**ug/kg**	**1.2**
p-Isopropyltoluene	**2.0 J**	**7.3**	**ug/kg**	**1.7**
Methyl acetate	ND	29	ug/kg	7.1
Methylcyclohexane	ND	18	ug/kg	5.2
Methylene chloride	ND	7.3	ug/kg	1.3
4-Methyl-2-pentanone (MIBK)	ND	15	ug/kg	2.4
Methyl tert-butyl ether (MTBE)	ND	7.3	ug/kg	1.3
n-Propylbenzene	**25**	**7.3**	**ug/kg**	**1.7**
Styrene	ND	7.3	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	7.3	ug/kg	0.79
1,1,2,2-Tetrachloroethane	ND	7.3	ug/kg	4.6
Tetrachloroethene	ND	7.3	ug/kg	2.3
Toluene	**3.8 J**	**7.3**	**ug/kg**	**1.2**
1,2,4-Trichloro-benzene	ND	7.3	ug/kg	2.7
1,1,1-Trichloroethane	ND	7.3	ug/kg	1.1
1,1,2-Trichloroethane	ND	7.3	ug/kg	0.76
Trichloroethene	ND	7.3	ug/kg	1.4
Trichlorofluoromethane	ND	15	ug/kg	1.5
1,2,3-Trichloropropane	ND	7.3	ug/kg	3.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15	ug/kg	2.1
1,2,4-Trimethylbenzene	**5.2 J**	**7.3**	**ug/kg**	**1.1**
1,3,5-Trimethylbenzene	ND	7.3	ug/kg	1.4
Vinyl acetate	ND	15	ug/kg	1.6
Vinyl chloride	ND	7.3	ug/kg	1.1
o-Xylene	**5.2 J**	**7.3**	**ug/kg**	**0.83**
Xylenes (total)	**19 J**	**22**	**ug/kg**	**3.1**

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EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Volatiles

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP1AE **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(59 - 119)
Toluene-d8	97	(76 - 136)
Dibromofluoromethane	105	(69 - 129)
1,2-Dichloroethane-d4	131 *	(67 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-005 Work Order #...: KANRP1AF Matrix.....: SO
Date Sampled...: 11/06/07 23:00 Date Received..: 11/07/07
Prep Date.....: 11/14/07 Analysis Date..: 11/16/07
Prep Batch #...: 7318476 Analysis Time..: 22:58
Dilution Factor: 1
% Moisture.....: 30 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1100**	**470**	**ug/kg**	**50**
Acenaphthylene	ND	470	ug/kg	47
Acetophenone	ND	470	ug/kg	53
Aniline	ND	470	ug/kg	45
Anthracene	**410 J**	**470**	**ug/kg**	**35**
Benzidine	ND	2400	ug/kg	200
Benzo(a)anthracene	**470**	**470**	**ug/kg**	**29**
Benzo(b)fluoranthene	**540**	**470**	**ug/kg**	**75**
Benzo(k)fluoranthene	**290 J**	**470**	**ug/kg**	**57**
Benzoic acid	ND	2400	ug/kg	170
Benzo(ghi)perylene	**120 J**	**470**	**ug/kg**	**39**
Benzo(a)pyrene	**460 J**	**470**	**ug/kg**	**33**
Benzyl alcohol	ND	470	ug/kg	120
Biphenyl	**400 J**	**470**	**ug/kg**	**38**
bis(2-Chloroethoxy) methane	ND	470	ug/kg	47
bis(2-Chloroethyl)-ether	ND	470	ug/kg	49
bis(2-Chloroisopropyl) ether	ND	470	ug/kg	39
bis(2-Ethylhexyl) phthalate	**2000**	**470**	**ug/kg**	**60**
4-Bromophenyl phenyl ether	ND	470	ug/kg	43
Butyl benzyl phthalate	ND	470	ug/kg	38
Caprolactam	ND	470	ug/kg	
Carbazole	ND	470	ug/kg	34
4-Chloroaniline	ND	470	ug/kg	54
4-Chloro-3-methylphenol	ND	470	ug/kg	76
2-Chloronaphthalene	ND	470	ug/kg	45
2-Chlorophenol	ND	470	ug/kg	42
4-Chlorophenyl phenyl ether	ND	470	ug/kg	37
Chrysene	**1000**	**470**	**ug/kg**	**33**
Dibenz(a,h)anthracene	ND	470	ug/kg	120
Dibenzofuran	**930**	**470**	**ug/kg**	**52**
Di-n-butyl phthalate	ND	470	ug/kg	35
3,3'-Dichlorobenzidine	ND	2400	ug/kg	34

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EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP1AF **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dichlorophenol	ND	470	ug/kg	62
Diethyl phthalate	ND	470	ug/kg	31
2,4-Dimethylphenol	ND	470	ug/kg	110
Dimethyl phthalate	ND	470	ug/kg	34
4,6-Dinitro-2-methylphenol	ND	2400	ug/kg	200
Fluoranthene	**1400**	**470**	**ug/kg**	**35**
Fluorene	**2000**	**470**	**ug/kg**	**33**
2,4-Dinitrophenol	ND	2400	ug/kg	260
2,4-Dinitrotoluene	ND	470	ug/kg	230
2,6-Dinitrotoluene	ND	470	ug/kg	59
Di-n-octyl phthalate	ND	470	ug/kg	170
1,2-Diphenylhydrazine (as Azobenzene)	ND	470	ug/kg	61
Hexachlorobenzene	ND	470	ug/kg	40
Hexachlorobutadiene	ND	470	ug/kg	58
Hexachlorocyclopentadiene	ND	2400	ug/kg	240
Hexachloroethane	ND	470	ug/kg	62
Indeno(1,2,3-cd)pyrene	**160 J**	**470**	**ug/kg**	**74**
Isophorone	ND	470	ug/kg	61
2-Methylnaphthalene	**5100**	**470**	**ug/kg**	**46**
2-Methylphenol	ND	470	ug/kg	57
3-Methylphenol & 4-Methylphenol	ND	470	ug/kg	93
2-Nitroaniline	ND	470	ug/kg	61
3-Nitroaniline	ND	470	ug/kg	46
4-Nitroaniline	ND	470	ug/kg	140
Nitrobenzene	ND	470	ug/kg	71
2-Nitrophenol	ND	470	ug/kg	91
4-Nitrophenol	ND	2400	ug/kg	220
N-Nitrosodimethylamine	ND	470	ug/kg	50
N-Nitrosodiphenylamine	ND	470	ug/kg	33
N-Nitrosodi-n-propylamine	ND	470	ug/kg	35
Phenanthrene	**2900**	**470**	**ug/kg**	**32**
Phenol	ND	470	ug/kg	47
Pyridine	ND	470	ug/kg	55
2,4,5-Trichlorophenol	ND	470	ug/kg	49
2,4,6-Trichlorophenol	ND	470	ug/kg	63

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EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC/MS Semivolatiles

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP1AF **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(40 - 122)
2-Fluorobiphenyl	64	(42 - 129)
Terphenyl-d14	136 *,I	(44 - 127)
2-Fluorophenol	77	(36 - 114)
Phenol-d5	74	(38 - 125)
2,4,6-Tribromophenol	66	(42 - 136)

NOTE(S):

* Surrogate recovery is outside stated control limits.

I Matrix interference.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC Semivolatiles

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP1AD **Matrix.....:** SO
Date Sampled...: 11/06/07 23:00 **Date Received..:** 11/07/07
Prep Date.....: 11/15/07 **Analysis Date..:** 11/21/07
Prep Batch #...: 7319509 **Analysis Time..:** 02:13
Dilution Factor: 1
% Moisture.....: 30 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,4'-DDT	ND	2.4	ug/kg	0.85
Dieldrin	ND	2.4	ug/kg	0.30
Endosulfan II	ND	2.4	ug/kg	0.41
Endosulfan sulfate	ND	2.4	ug/kg	0.40
Endrin	ND	2.4	ug/kg	0.44
Endrin aldehyde	ND	2.4	ug/kg	0.31
Endrin ketone	ND	2.4	ug/kg	0.31
Heptachlor	ND	2.4	ug/kg	0.31
Heptachlor epoxide	ND	2.4	ug/kg	0.61
Methoxychlor	ND	4.7	ug/kg	0.65
Toxaphene	ND	240	ug/kg	23
Aldrin	ND	2.4	ug/kg	0.36
alpha-BHC	ND	2.4	ug/kg	0.31
beta-BHC	ND	2.4	ug/kg	0.41
delta-BHC	ND	2.4	ug/kg	0.24
gamma-BHC (Lindane)	ND	2.4	ug/kg	0.21
alpha-Chlordane	ND	2.4	ug/kg	0.46
gamma-Chlordane	ND	2.4	ug/kg	0.38
4,4'-DDD	ND	2.4	ug/kg	0.79
4,4'-DDE	**3.1**	**2.4**	**ug/kg**	**0.34**
Endosulfan I	ND	2.4	ug/kg	0.25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	55 *	(72 - 117)
Tetrachloro-m-xylene	50 *	(68 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

GC Semivolatiles

Lot-Sample #...:	I7K070182-005	**Work Order #...:**	KANRP2AD	**Matrix.....:**	SO
Date Sampled...:	11/06/07 23:00	**Date Received..:**	11/07/07		
Prep Date.....:	11/26/07	**Analysis Date..:**	11/28/07		
Prep Batch #...:	7330258	**Analysis Time..:**	19:11		
Dilution Factor:	1				
% Moisture.....:	30	**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,4'-DDT	**2.3 J**	**2.4**	**ug/kg**	**0.85**
Dieldrin	ND	2.4	ug/kg	0.30
Endosulfan II	ND	2.4	ug/kg	0.41
Endosulfan sulfate	ND	2.4	ug/kg	0.40
Endrin	ND	2.4	ug/kg	0.44
Endrin aldehyde	ND	2.4	ug/kg	0.31
Endrin ketone	ND	2.4	ug/kg	0.31
Heptachlor	**0.54 J,COL**	**2.4**	**ug/kg**	**0.31**
Heptachlor epoxide	ND	2.4	ug/kg	0.61
Methoxychlor	ND	4.7	ug/kg	0.65
Toxaphene	ND	240	ug/kg	23
Aldrin	ND	2.4	ug/kg	0.36
alpha-BHC	**0.34 J,COL**	**2.4**	**ug/kg**	**0.31**
beta-BHC	ND	2.4	ug/kg	0.41
delta-BHC	**1.0 J,COL**	**2.4**	**ug/kg**	**0.24**
gamma-BHC (Lindane)	ND	2.4	ug/kg	0.21
alpha-Chlordane	ND	2.4	ug/kg	0.46
gamma-Chlordane	ND	2.4	ug/kg	0.38
4,4'-DDD	ND	2.4	ug/kg	0.79
4,4'-DDE	**0.41 J,COL**	**2.4**	**ug/kg**	**0.34**
Endosulfan I	ND	2.4	ug/kg	0.25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(72 - 117)
Tetrachloro-m-xylene	60 *	(68 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

EA Engineering, Science and Technology

Client Sample ID: SB2041.5-2-EPA

General Chemistry

Lot-Sample #...: I7K070182-005 **Work Order #...:** KANRP **Matrix.....:** SO
Date Sampled...: 11/06/07 23:00 **Date Received..:** 11/07/07
% Moisture.....: 30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**30.5**	**0.50**	**%**	**ASTM D 2216-90**	**11/14/07**	**7318441**

Dilution Factor: 1 Analysis Time..: 15:56 MDL.....: 0.0

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AA **Matrix.....:** SOLID
MB Lot-Sample #: I7K260000-290

Prep Date.....: 11/19/07 **Analysis Time..:** 11:34
Analysis Date..: 11/19/07 **Prep Batch #...:** 7330290
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	10	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	10	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg	SW846 8260B
Acetone	ND	50	ug/kg	SW846 8260B
Acrolein	ND	50	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	20	ug/kg	SW846 8260B
Methylcyclohexane	ND	12	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
o-Xylene	ND	5.0	ug/kg	SW846 8260B
n-Butanol	ND	1000	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	85	(59 - 119)
Toluene-d8	92	(76 - 136)
Dibromofluoromethane	96	(69 - 129)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane-d4	102	(67 - 127)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AA **Matrix.....:** SOLID
MB Lot-Sample #: I7K140000-476

Prep Date.....: 11/14/07 **Analysis Time..:** 15:38
Analysis Date..: 11/16/07 **Prep Batch #...:** 7318476
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aniline	ND	330	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzidine	ND	1700	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzoic acid	ND	1700	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Benzyl alcohol	ND	330	ug/kg	SW846 8270C
Biphenyl	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1700	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KA9LK1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1700	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopentadiene	ND	1700	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	330	ug/kg	SW846 8270C
3-Nitroaniline	ND	330	ug/kg	SW846 8270C
4-Nitroaniline	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1700	ug/kg	SW846 8270C
N-Nitrosodimethylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Pyridine	ND	330	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(40 - 122)
2-Fluorobiphenyl	72	(42 - 129)
Terphenyl-d14	110	(44 - 127)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KA9LK1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Fluorophenol	69	(36 - 114)		
Phenol-d5	58	(38 - 125)		
2,4,6-Tribromophenol	50	(42 - 136)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCDJE1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7K150000-509

Prep Date.....: 11/15/07 **Analysis Time..:** 02:30
Analysis Date..: 11/21/07 **Prep Batch #...:** 7319509
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	1.7	ug/kg	SW846 8081A
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDD	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	1.7	ug/kg	SW846 8081A
4,4'-DDT	ND	1.7	ug/kg	SW846 8081A
Dieldrin	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
Endosulfan II	ND	1.7	ug/kg	SW846 8081A
Endosulfan sulfate	ND	1.7	ug/kg	SW846 8081A
Endrin	ND	1.7	ug/kg	SW846 8081A
Endrin aldehyde	ND	1.7	ug/kg	SW846 8081A
Endrin ketone	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Methoxychlor	ND	3.3	ug/kg	SW846 8081A
Toxaphene	ND	170	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(72 - 117)
Tetrachloro-m-xylene	76	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVJ01AA **Matrix.....:** SOLID
MB Lot-Sample #: D7K260000-258

Prep Date.....: 11/26/07 **Analysis Time..:** 19:28
Analysis Date..: 11/28/07 **Prep Batch #...:** 7330258
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	1.7	ug/kg	SW846 8081A
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDD	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	1.7	ug/kg	SW846 8081A
4,4'-DDT	ND	1.7	ug/kg	SW846 8081A
Dieldrin	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
Endosulfan II	ND	1.7	ug/kg	SW846 8081A
Endosulfan sulfate	ND	1.7	ug/kg	SW846 8081A
Endrin	ND	1.7	ug/kg	SW846 8081A
Endrin aldehyde	ND	1.7	ug/kg	SW846 8081A
Endrin ketone	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Methoxychlor	ND	3.3	ug/kg	SW846 8081A
Toxaphene	ND	170	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	112	(72 - 117)
Tetrachloro-m-xylene	79	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCDG01AA **Matrix.....:** SOLID
MB Lot-Sample #: D7K150000-486

Prep Date.....: 11/15/07 **Analysis Time..:** 02:38
Analysis Date..: 11/20/07 **Prep Batch #...:** 7319486
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	47	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(53 - 132)
Decachlorobiphenyl	80	(38 - 162)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I7K070182 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I7K130000-255 Prep Batch #...: 7317255						
Mercury	ND	0.10	mg/kg	SW846 7471A	11/13/07	KA5A31AD
		Dilution Factor: 1				
		Analysis Time..: 13:57				
MB Lot-Sample #: I7K160000-111 Prep Batch #...: 7320111						
Aluminum	**0.97 B**	**10.0**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1A1**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Antimony	**0.037 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1AL**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Arsenic	**0.035 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1AC**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Barium	**0.011 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1A2**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Beryllium	ND	0.10	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1AD
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Cadmium	ND	0.10	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1AE
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Cobalt	ND	0.10	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1AF
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Copper	ND	0.10	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1A3
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Iron	ND	5.0	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1A4
		Dilution Factor: 1				
		Analysis Time..: 20:18				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I7K070182 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	**0.0040 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1AK**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Lithium	ND	0.80	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1A5
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Manganese	ND	0.10	mg/kg	SW846 6020	11/12-11/19/07	KCD2J1AH
		Dilution Factor: 1				
		Analysis Time..: 10:48				
Nickel	ND	0.10	mg/kg	SW846 6020	11/12-11/17/07	KCD2J1AJ
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Selenium	**0.020 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/19/07**	**KCD2J1A6**
		Dilution Factor: 1				
		Analysis Time..: 11:38				
Silver	**0.0042 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1AA**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Thallium	**0.0026 B**	**0.10**	**mg/kg**	**SW846 6020**	**11/12-11/19/07**	**KCD2J1A8**
		Dilution Factor: 1				
		Analysis Time..: 10:48				
Titanium	**0.026 B**	**1.0**	**mg/kg**	**SW846 6020**	**11/12-11/17/07**	**KCD2J1A7**
		Dilution Factor: 1				
		Analysis Time..: 20:18				
Zinc	ND	1.0	mg/kg	SW846 6020	11/12-11/19/07	KCD2J1A9
		Dilution Factor: 1				
		Analysis Time..: 10:48				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD
Prep Date.....: 11/19/07 **Analysis Date..:** 11/19/07
Prep Batch #...: 7330290 **Analysis Time..:** 09:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Methylene chloride	90	(63 - 123)			SW846 8260B
	94	(63 - 123)	4.9	(0-30)	SW846 8260B
1,1-Dichloroethene	73	(62 - 122)			SW846 8260B
	82	(62 - 122)	12	(0-30)	SW846 8260B
Trichloroethene	90	(67 - 127)			SW846 8260B
	96	(67 - 127)	6.2	(0-30)	SW846 8260B
Benzene	96	(68 - 128)			SW846 8260B
	102	(68 - 128)	6.3	(0-30)	SW846 8260B
Toluene	95	(64 - 124)			SW846 8260B
	97	(64 - 124)	2.6	(0-30)	SW846 8260B
Chlorobenzene	94	(65 - 125)			SW846 8260B
	94	(65 - 125)	0.18	(0-30)	SW846 8260B
Chloromethane	99	(61 - 121)			SW846 8260B
	103	(61 - 121)	4.6	(0-30)	SW846 8260B
Bromomethane	93	(61 - 121)			SW846 8260B
	97	(61 - 121)	4.6	(0-30)	SW846 8260B
Vinyl chloride	94	(59 - 119)			SW846 8260B
	102	(59 - 119)	8.6	(0-30)	SW846 8260B
Chloroethane	88	(64 - 124)			SW846 8260B
	94	(64 - 124)	6.5	(0-30)	SW846 8260B
Trichlorofluoromethane	94	(62 - 122)			SW846 8260B
	106	(62 - 122)	12	(0-30)	SW846 8260B
1,1-Dichloroethane	97	(61 - 121)			SW846 8260B
	104	(61 - 121)	7.8	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	87	(61 - 121)			SW846 8260B
	94	(61 - 121)	8.4	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	91	(58 - 118)			SW846 8260B
	97	(58 - 118)	6.4	(0-30)	SW846 8260B
1,1,1-Trichloroethane	100	(65 - 125)			SW846 8260B
	110	(65 - 125)	9.5	(0-30)	SW846 8260B
1,2-Dichloroethane	121	(67 - 127)			SW846 8260B
	121	(67 - 127)	0.46	(0-30)	SW846 8260B
Carbon tetrachloride	110	(71 - 131)			SW846 8260B
	121	(71 - 131)	9.5	(0-30)	SW846 8260B
Bromodichloromethane	116	(77 - 137)			SW846 8260B
	119	(77 - 137)	2.9	(0-30)	SW846 8260B
1,2-Dichloropropane	94	(70 - 130)			SW846 8260B
	97	(70 - 130)	3.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	97	(72 - 132)			SW846 8260B
	101	(72 - 132)	4.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	100	(69 - 129)			SW846 8260B
	93	(69 - 129)	6.4	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	104	(74 - 134)			SW846 8260B
	102	(74 - 134)	2.8	(0-30)	SW846 8260B
Dibromochloromethane	118	(77 - 137)			SW846 8260B
	114	(77 - 137)	3.6	(0-30)	SW846 8260B
Bromoform	131	(95 - 155)			SW846 8260B
	118	(95 - 155)	9.9	(0-30)	SW846 8260B
Tetrachloroethene	105	(69 - 129)			SW846 8260B
	99	(69 - 129)	6.3	(0-30)	SW846 8260B
Ethylbenzene	98	(65 - 125)			SW846 8260B
	100	(65 - 125)	2.2	(0-30)	SW846 8260B
Xylenes (total)	96	(64 - 124)			SW846 8260B
	98	(64 - 124)	2.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	112	(74 - 134)			SW846 8260B
	96	(74 - 134)	15	(0-30)	SW846 8260B
1,3-Dichlorobenzene	94	(62 - 122)			SW846 8260B
	94	(62 - 122)	0.53	(0-30)	SW846 8260B
1,4-Dichlorobenzene	94	(64 - 124)			SW846 8260B
	93	(64 - 124)	0.89	(0-30)	SW846 8260B
1,2-Dichlorobenzene	95	(65 - 125)			SW846 8260B
	94	(65 - 125)	1.2	(0-30)	SW846 8260B
Acetone	107 a	(37 - 97)			SW846 8260B
	70 p	(37 - 97)	42	(0-30)	SW846 8260B
2-Butanone (MEK)	82	(46 - 106)			SW846 8260B
	47 p	(46 - 106)	55	(0-30)	SW846 8260B
Chloroform	109	(62 - 122)			SW846 8260B
	116	(62 - 122)	7.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK)	104	(72 - 132)			SW846 8260B
	87	(72 - 132)	17	(0-30)	SW846 8260B
n-Butylbenzene	104	(68 - 128)			SW846 8260B
	104	(68 - 128)	0.040	(0-30)	SW846 8260B
Carbon disulfide	93	(59 - 119)			SW846 8260B
	101	(59 - 119)	9.0	(0-30)	SW846 8260B
2-Hexanone	111	(74 - 134)			SW846 8260B
	85	(74 - 134)	26	(0-30)	SW846 8260B
Isopropylbenzene	102	(63 - 123)			SW846 8260B
	103	(63 - 123)	1.2	(0-40)	SW846 8260B
n-Propylbenzene	92	(62 - 122)			SW846 8260B
	94	(62 - 122)	1.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	100	(68 - 128)			SW846 8260B
	99	(68 - 128)	0.31	(0-30)	SW846 8260B
1,2,3-Trichloropropane	116	(73 - 133)			SW846 8260B
	98	(73 - 133)	16	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	99	(64 - 124)			SW846 8260B
	101	(64 - 124)	2.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	99	(66 - 126)			SW846 8260B
	100	(66 - 126)	1.8	(0-30)	SW846 8260B
o-Xylene	96	(65 - 125)			SW846 8260B
	97	(65 - 125)	0.94	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	111	(74 - 134)			SW846 8260B
	110	(74 - 134)	0.77	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	114	(74 - 134)			SW846 8260B
	105	(74 - 134)	8.2	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	62	(57 - 117)			SW846 8260B
	67	(57 - 117)	8.1	(0-30)	SW846 8260B
1,1-Dichloropropene	104	(65 - 125)			SW846 8260B
	112	(65 - 125)	8.1	(0-30)	SW846 8260B
1,2-Dibromoethane (EDB)	103	(73 - 133)			SW846 8260B
	94	(73 - 133)	9.0	(0-30)	SW846 8260B
1,3-Dichloropropane	107	(70 - 130)			SW846 8260B
	102	(70 - 130)	4.6	(0-30)	SW846 8260B
n-Butanol	97	(70 - 130)			SW846 8260B
	75	(70 - 130)	25	(0-40)	SW846 8260B
2,2-Dichloropropane	80	(56 - 116)			SW846 8260B
	89	(56 - 116)	11	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	109	(65 - 125)			SW846 8260B
	102	(65 - 125)	6.5	(0-30)	SW846 8260B
2-Chlorotoluene	94	(64 - 124)			SW846 8260B
	94	(64 - 124)	0.080	(0-30)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	119	(70 - 130)			SW846 8260B
	92	(70 - 130)	26	(0-30)	SW846 8260B
4-Chlorotoluene	92	(63 - 123)			SW846 8260B
	93	(63 - 123)	0.50	(0-30)	SW846 8260B
p-Isopropyltoluene	97	(65 - 125)			SW846 8260B
	98	(65 - 125)	1.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acrolein	105	(61 - 121)			SW846 8260B
	93	(61 - 121)	12	(0-30)	SW846 8260B
Acrylonitrile	93	(66 - 126)			SW846 8260B
	79	(66 - 126)	16	(0-30)	SW846 8260B
Bromobenzene	92	(64 - 124)			SW846 8260B
	91	(64 - 124)	0.28	(0-30)	SW846 8260B
Dibromomethane	100	(69 - 129)			SW846 8260B
	97	(69 - 129)	2.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	129 a	(54 - 114)			SW846 8260B
	140 a	(54 - 114)	8.7	(0-30)	SW846 8260B
Hexachlorobutadiene	109	(68 - 128)			SW846 8260B
	101	(68 - 128)	7.8	(0-30)	SW846 8260B
Iodomethane	84	(62 - 122)			SW846 8260B
	91	(62 - 122)	7.6	(0-30)	SW846 8260B
Methyl acetate	96	(70 - 130)			SW846 8260B
	56 a,p	(70 - 130)	53	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	92	(58 - 118)			SW846 8260B
	87	(58 - 118)	5.8	(0-30)	SW846 8260B
Methylcyclohexane	70	(67 - 127)			SW846 8260B
	77	(67 - 127)	9.1	(0-30)	SW846 8260B
sec-Butylbenzene	98	(65 - 125)			SW846 8260B
	99	(65 - 125)	1.2	(0-30)	SW846 8260B
tert-Butylbenzene	94	(63 - 123)			SW846 8260B
	97	(63 - 123)	2.3	(0-30)	SW846 8260B
trans-1,4-Dichloro-2-butene	104	(85 - 145)			SW846 8260B
	87	(85 - 145)	18	(0-30)	SW846 8260B
Vinyl acetate	112	(70 - 130)			SW846 8260B
	106	(70 - 130)	5.6	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(60 - 120)			SW846 8260B
	95	(60 - 120)	7.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(67 - 127)
	93	(67 - 127)
Toluene-d8	93	(76 - 136)
	100	(76 - 136)
Dibromofluoromethane	94	(67 - 127)
	99	(67 - 127)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(65 - 125)
	108	(65 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD
Prep Date.....: 11/19/07 **Analysis Date..:** 11/19/07
Prep Batch #...: 7330290 **Analysis Time..:** 09:53
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Methylene chloride	50.0	44.9	ug/kg	90		SW846 8260B
	50.0	47.2	ug/kg	94	4.9	SW846 8260B
1,1-Dichloroethene	50.0	36.3	ug/kg	73		SW846 8260B
	50.0	40.8	ug/kg	82	12	SW846 8260B
Trichloroethene	50.0	45.2	ug/kg	90		SW846 8260B
	50.0	48.1	ug/kg	96	6.2	SW846 8260B
Benzene	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	51.2	ug/kg	102	6.3	SW846 8260B
Toluene	50.0	47.4	ug/kg	95		SW846 8260B
	50.0	48.7	ug/kg	97	2.6	SW846 8260B
Chlorobenzene	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	46.9	ug/kg	94	0.18	SW846 8260B
Chloromethane	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	51.7	ug/kg	103	4.6	SW846 8260B
Bromomethane	50.0	46.4	ug/kg	93		SW846 8260B
	50.0	48.6	ug/kg	97	4.6	SW846 8260B
Vinyl chloride	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	51.0	ug/kg	102	8.6	SW846 8260B
Chloroethane	50.0	43.9	ug/kg	88		SW846 8260B
	50.0	46.8	ug/kg	94	6.5	SW846 8260B
Trichlorofluoromethane	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	53.0	ug/kg	106	12	SW846 8260B
1,1-Dichloroethane	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	52.2	ug/kg	104	7.8	SW846 8260B
trans-1,2-Dichloroethene	50.0	43.3	ug/kg	87		SW846 8260B
	50.0	47.1	ug/kg	94	8.4	SW846 8260B
cis-1,2-Dichloroethene	50.0	45.4	ug/kg	91		SW846 8260B
	50.0	48.4	ug/kg	97	6.4	SW846 8260B
1,1,1-Trichloroethane	50.0	49.9	ug/kg	100		SW846 8260B
	50.0	54.9	ug/kg	110	9.5	SW846 8260B
1,2-Dichloroethane	50.0	60.3	ug/kg	121		SW846 8260B
	50.0	60.6	ug/kg	121	0.46	SW846 8260B
Carbon tetrachloride	50.0	54.9	ug/kg	110		SW846 8260B
	50.0	60.4	ug/kg	121	9.5	SW846 8260B
Bromodichloromethane	50.0	57.9	ug/kg	116		SW846 8260B
	50.0	59.6	ug/kg	119	2.9	SW846 8260B
1,2-Dichloropropane	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	48.7	ug/kg	97	3.2	SW846 8260B
cis-1,3-Dichloropropene	50.0	48.5	ug/kg	97		SW846 8260B
	50.0	50.7	ug/kg	101	4.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	46.7	ug/kg	93	6.4	SW846 8260B
trans-1,3-Dichloropropene	50.0	52.2	ug/kg	104		SW846 8260B
	50.0	50.8	ug/kg	102	2.8	SW846 8260B
Dibromochloromethane	50.0	59.1	ug/kg	118		SW846 8260B
	50.0	57.0	ug/kg	114	3.6	SW846 8260B
Bromoform	50.0	65.4	ug/kg	131		SW846 8260B
	50.0	59.2	ug/kg	118	9.9	SW846 8260B
Tetrachloroethene	50.0	52.7	ug/kg	105		SW846 8260B
	50.0	49.5	ug/kg	99	6.3	SW846 8260B
Ethylbenzene	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	50.0	ug/kg	100	2.2	SW846 8260B
Xylenes (total)	150	144	ug/kg	96		SW846 8260B
	150	147	ug/kg	98	2.2	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	55.9	ug/kg	112		SW846 8260B
	50.0	48.0	ug/kg	96	15	SW846 8260B
1,3-Dichlorobenzene	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	46.9	ug/kg	94	0.53	SW846 8260B
1,4-Dichlorobenzene	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	46.4	ug/kg	93	0.89	SW846 8260B
1,2-Dichlorobenzene	50.0	47.7	ug/kg	95		SW846 8260B
	50.0	47.1	ug/kg	94	1.2	SW846 8260B
Acetone	50.0	53.6 a	ug/kg	107		SW846 8260B
	50.0	35.1 p	ug/kg	70	42	SW846 8260B
2-Butanone (MEK)	50.0	41.0	ug/kg	82		SW846 8260B
	50.0	23.4 p	ug/kg	47	55	SW846 8260B
Chloroform	50.0	54.3	ug/kg	109		SW846 8260B
	50.0	58.2	ug/kg	116	7.0	SW846 8260B
4-Methyl-2-pentanone (MIBK)	50.0	51.8	ug/kg	104		SW846 8260B
	50.0	43.7	ug/kg	87	17	SW846 8260B
n-Butylbenzene	50.0	52.0	ug/kg	104		SW846 8260B
	50.0	52.1	ug/kg	104	0.040	SW846 8260B
Carbon disulfide	50.0	46.3	ug/kg	93		SW846 8260B
	50.0	50.7	ug/kg	101	9.0	SW846 8260B
2-Hexanone	50.0	55.3	ug/kg	111		SW846 8260B
	50.0	42.4	ug/kg	85	26	SW846 8260B
Isopropylbenzene	50.0	50.8	ug/kg	102		SW846 8260B
	50.0	51.4	ug/kg	103	1.2	SW846 8260B
n-Propylbenzene	50.0	46.0	ug/kg	92		SW846 8260B
	50.0	46.9	ug/kg	94	1.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	49.7	ug/kg	99	0.31	SW846 8260B
1,2,3-Trichloropropane	50.0	57.8	ug/kg	116		SW846 8260B
	50.0	49.0	ug/kg	98	16	SW846 8260B
1,2,4-Trimethylbenzene	50.0	49.6	ug/kg	99		SW846 8260B
	50.0	50.6	ug/kg	101	2.0	SW846 8260B
1,3,5-Trimethylbenzene	50.0	49.3	ug/kg	99		SW846 8260B
	50.0	50.2	ug/kg	100	1.8	SW846 8260B
o-Xylene	50.0	47.9	ug/kg	96		SW846 8260B
	50.0	48.4	ug/kg	97	0.94	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	55.3	ug/kg	111		SW846 8260B
	50.0	54.8	ug/kg	110	0.77	SW846 8260B
1,2,4-Trichloro-benzene	50.0	57.0	ug/kg	114		SW846 8260B
	50.0	52.5	ug/kg	105	8.2	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	30.9	ug/kg	62		SW846 8260B
	50.0	33.6	ug/kg	67	8.1	SW846 8260B
1,1-Dichloropropene	50.0	51.8	ug/kg	104		SW846 8260B
	50.0	56.1	ug/kg	112	8.1	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	51.4	ug/kg	103		SW846 8260B
	50.0	47.0	ug/kg	94	9.0	SW846 8260B
1,3-Dichloropropane	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	51.2	ug/kg	102	4.6	SW846 8260B
n-Butanol	2500	2410	ug/kg	97		SW846 8260B
	2500	1880	ug/kg	75	25	SW846 8260B
2,2-Dichloropropane	50.0	40.2	ug/kg	80		SW846 8260B
	50.0	44.7	ug/kg	89	11	SW846 8260B
2-Chloroethyl vinyl ether	50.0	54.3	ug/kg	109		SW846 8260B
	50.0	50.9	ug/kg	102	6.5	SW846 8260B
2-Chlorotoluene	50.0	46.9	ug/kg	94		SW846 8260B
	50.0	46.9	ug/kg	94	0.080	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	59.6	ug/kg	119		SW846 8260B
	50.0	46.0	ug/kg	92	26	SW846 8260B
4-Chlorotoluene	50.0	46.0	ug/kg	92		SW846 8260B
	50.0	46.3	ug/kg	93	0.50	SW846 8260B
p-Isopropyltoluene	50.0	48.4	ug/kg	97		SW846 8260B
	50.0	49.0	ug/kg	98	1.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acrolein	250	263	ug/kg	105		SW846 8260B
	250	234	ug/kg	93	12	SW846 8260B
Acrylonitrile	250	231	ug/kg	93		SW846 8260B
	250	198	ug/kg	79	16	SW846 8260B
Bromobenzene	50.0	45.9	ug/kg	92		SW846 8260B
	50.0	45.7	ug/kg	91	0.28	SW846 8260B
Dibromomethane	50.0	49.9	ug/kg	100		SW846 8260B
	50.0	48.6	ug/kg	97	2.6	SW846 8260B
Dichlorodifluoromethane	50.0	64.3 a	ug/kg	129		SW846 8260B
	50.0	70.2 a	ug/kg	140	8.7	SW846 8260B
Hexachlorobutadiene	50.0	54.7	ug/kg	109		SW846 8260B
	50.0	50.7	ug/kg	101	7.8	SW846 8260B
Iodomethane	50.0	42.1	ug/kg	84		SW846 8260B
	50.0	45.5	ug/kg	91	7.6	SW846 8260B
Methyl acetate	125	120	ug/kg	96		SW846 8260B
	125	69.8 a,p	ug/kg	56	53	SW846 8260B
Methyl tert-butyl ether (MTBE)	50.0	46.0	ug/kg	92		SW846 8260B
	50.0	43.4	ug/kg	87	5.8	SW846 8260B
Methylcyclohexane	125	87.4	ug/kg	70		SW846 8260B
	125	95.8	ug/kg	77	9.1	SW846 8260B
sec-Butylbenzene	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	49.5	ug/kg	99	1.2	SW846 8260B
tert-Butylbenzene	50.0	47.2	ug/kg	94		SW846 8260B
	50.0	48.3	ug/kg	97	2.3	SW846 8260B
trans-1,4-Dichloro-2-butene	50.0	52.0	ug/kg	104		SW846 8260B
	50.0	43.5	ug/kg	87	18	SW846 8260B
Vinyl acetate	50.0	56.1	ug/kg	112		SW846 8260B
	50.0	53.0	ug/kg	106	5.6	SW846 8260B
1,2-Dichloroethene (total)	100	88.7	ug/kg	89		SW846 8260B
	100	95.5	ug/kg	95	7.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(67 - 127)
	93	(67 - 127)
Toluene-d8	93	(76 - 136)
	100	(76 - 136)
Dibromofluoromethane	94	(67 - 127)
	99	(67 - 127)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVLP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K260000-290 KCVLP1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(65 - 125)
	108	(65 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 15:59
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	80	(58 - 104)			SW846 8270C
	78	(58 - 104)	2.5	(0-30)	SW846 8270C
Acenaphthylene	79	(59 - 104)			SW846 8270C
	78	(59 - 104)	1.7	(0-30)	SW846 8270C
Aniline	59	(25 - 98)			SW846 8270C
	76	(25 - 98)	26	(0-30)	SW846 8270C
Anthracene	79	(62 - 109)			SW846 8270C
	81	(62 - 109)	2.8	(0-30)	SW846 8270C
Benzo(a)anthracene	84	(59 - 109)			SW846 8270C
	83	(59 - 109)	1.8	(0-30)	SW846 8270C
Benzo(b)fluoranthene	81	(54 - 106)			SW846 8270C
	77	(54 - 106)	5.4	(0-30)	SW846 8270C
Benzo(k)fluoranthene	96	(56 - 124)			SW846 8270C
	95	(56 - 124)	1.1	(0-30)	SW846 8270C
Benzoic acid	59	(8.0- 111)			SW846 8270C
	56	(8.0- 111)	5.3	(0-30)	SW846 8270C
Benzo(ghi)perylene	76	(56 - 128)			SW846 8270C
	76	(56 - 128)	0.36	(0-30)	SW846 8270C
Benzo(a)pyrene	78	(60 - 109)			SW846 8270C
	77	(60 - 109)	1.2	(0-30)	SW846 8270C
Benzyl alcohol	51	(42 - 122)			SW846 8270C
	51	(42 - 122)	0.32	(0-30)	SW846 8270C
2-Chlorophenol	83	(43 - 107)			SW846 8270C
	77	(43 - 107)	7.2	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	82	(56 - 112)			SW846 8270C
	79	(56 - 112)	3.3	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(48 - 106)			SW846 8270C
	77	(48 - 106)	5.7	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	84	(39 - 105)			SW846 8270C
	79	(39 - 105)	6.2	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	83	(43 - 103)			SW846 8270C
	78	(43 - 103)	6.2	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	82	(60 - 106)			SW846 8270C
	80	(60 - 106)	2.2	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Bromophenyl phenyl ether	83	(59 - 115)			SW846 8270C
	82	(59 - 115)	2.1	(0-30)	SW846 8270C
Butyl benzyl phthalate	98	(59 - 105)			SW846 8270C
	96	(59 - 105)	2.4	(0-30)	SW846 8270C
Carbazole	77	(60 - 112)			SW846 8270C
	74	(60 - 112)	4.4	(0-30)	SW846 8270C
4-Chloroaniline	45	(22 - 110)			SW846 8270C
	54	(22 - 110)	18	(0-30)	SW846 8270C
2-Chloronaphthalene	83	(50 - 112)			SW846 8270C
	79	(50 - 112)	5.1	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	82	(59 - 104)			SW846 8270C
	81	(59 - 104)	1.2	(0-30)	SW846 8270C
Chrysene	79	(61 - 110)			SW846 8270C
	78	(61 - 110)	0.95	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	62	(62 - 119)			SW846 8270C
	61 a	(62 - 119)	1.6	(0-30)	SW846 8270C
Dibenzofuran	81	(58 - 103)			SW846 8270C
	79	(58 - 103)	3.6	(0-30)	SW846 8270C
Di-n-butyl phthalate	84	(60 - 110)			SW846 8270C
	82	(60 - 110)	2.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	52	(41 - 105)			SW846 8270C
	62	(41 - 105)	18	(0-30)	SW846 8270C
2,4-Dichlorophenol	76	(50 - 107)			SW846 8270C
	73	(50 - 107)	4.4	(0-30)	SW846 8270C
Diethyl phthalate	85	(59 - 107)			SW846 8270C
	84	(59 - 107)	0.46	(0-30)	SW846 8270C
2,4-Dimethylphenol	79	(43 - 102)			SW846 8270C
	75	(43 - 102)	4.7	(0-30)	SW846 8270C
Dimethyl phthalate	82	(58 - 106)			SW846 8270C
	83	(58 - 106)	1.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	69	(42 - 121)			SW846 8270C
	73	(42 - 121)	5.2	(0-30)	SW846 8270C
2,4-Dinitrophenol	71	(7.0- 113)			SW846 8270C
	72	(7.0- 113)	1.5	(0-30)	SW846 8270C
2,4-Dinitrotoluene	74	(55 - 110)			SW846 8270C
	77	(55 - 110)	3.8	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,6-Dinitrotoluene	74	(58 - 104)			SW846 8270C
	73	(58 - 104)	1.7	(0-30)	SW846 8270C
Di-n-octyl phthalate	99	(58 - 109)			SW846 8270C
	95	(58 - 109)	3.1	(0-30)	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	93	(53 - 128)			SW846 8270C
	93	(53 - 128)	0.11	(0-30)	SW846 8270C
Fluoranthene	82	(62 - 113)			SW846 8270C
	83	(62 - 113)	0.36	(0-30)	SW846 8270C
Fluorene	79	(60 - 107)			SW846 8270C
	77	(60 - 107)	3.2	(0-30)	SW846 8270C
Hexachlorobenzene	81	(62 - 107)			SW846 8270C
	80	(62 - 107)	0.96	(0-30)	SW846 8270C
Hexachlorobutadiene	87	(48 - 96)			SW846 8270C
	82	(48 - 96)	5.8	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	54	(2.0- 111)			SW846 8270C
	52	(2.0- 111)	2.1	(0-30)	SW846 8270C
Hexachloroethane	82	(41 - 100)			SW846 8270C
	79	(41 - 100)	3.1	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	69	(60 - 121)			SW846 8270C
	66	(60 - 121)	4.0	(0-30)	SW846 8270C
Isophorone	80	(49 - 110)			SW846 8270C
	75	(49 - 110)	5.3	(0-30)	SW846 8270C
2-Methylnaphthalene	86	(52 - 102)			SW846 8270C
	82	(52 - 102)	5.2	(0-30)	SW846 8270C
2-Methylphenol	79	(46 - 109)			SW846 8270C
	72	(46 - 109)	8.6	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	71	(38 - 128)			SW846 8270C
	82	(38 - 128)	14	(0-30)	SW846 8270C
2-Nitroaniline	73	(52 - 117)			SW846 8270C
	76	(52 - 117)	3.3	(0-30)	SW846 8270C
3-Nitroaniline	50	(35 - 119)			SW846 8270C
	56	(35 - 119)	12	(0-30)	SW846 8270C
4-Nitroaniline	70	(50 - 135)			SW846 8270C
	68	(50 - 135)	3.7	(0-30)	SW846 8270C
Nitrobenzene	83	(46 - 106)			SW846 8270C
	78	(46 - 106)	6.6	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Nitrophenol	72	(47 - 106)			SW846 8270C
	68	(47 - 106)	5.2	(0-30)	SW846 8270C
4-Nitrophenol	62	(41 - 125)			SW846 8270C
	60	(41 - 125)	2.7	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	86	(46 - 110)			SW846 8270C
	83	(46 - 110)	4.2	(0-30)	SW846 8270C
N-Nitrosodimethylamine	81	(32 - 98)			SW846 8270C
	75	(32 - 98)	7.3	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	65	(46 - 97)			SW846 8270C
	64	(46 - 97)	2.0	(0-30)	SW846 8270C
Phenanthrene	81	(61 - 111)			SW846 8270C
	79	(61 - 111)	2.4	(0-30)	SW846 8270C
Phenol	75	(46 - 117)			SW846 8270C
	70	(46 - 117)	6.2	(0-30)	SW846 8270C
Pyridine	74	(25 - 86)			SW846 8270C
	71	(25 - 86)	4.6	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	77	(54 - 104)			SW846 8270C
	77	(54 - 104)	0.23	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	72	(53 - 103)			SW846 8270C
	71	(53 - 103)	0.94	(0-30)	SW846 8270C
Benzidine	0.0 a	(10 - 102)			SW846 8270C
	0.0 a	(10 - 102)	0.0	(0-30)	SW846 8270C
Acetophenone	72	(47 - 108)			SW846 8270C
	69	(47 - 108)	3.2	(0-30)	SW846 8270C
Biphenyl	82	(64 - 125)			SW846 8270C
	79	(64 - 125)	3.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(62 - 108)
	89	(62 - 108)
2-Fluorobiphenyl	89	(59 - 116)
	86	(59 - 116)
Terphenyl-d14	100	(60 - 113)
	100	(60 - 113)
2-Fluorophenol	92	(49 - 108)
	85	(49 - 108)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	88	(62 - 114)
	87	(62 - 114)
2,4,6-Tribromophenol	77	(67 - 122)
	80	(67 - 122)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 15:59
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	1670	1340	ug/kg	80		SW846 8270C
	1670	1310	ug/kg	78	2.5	SW846 8270C
Acenaphthylene	1670	1320	ug/kg	79		SW846 8270C
	1670	1300	ug/kg	78	1.7	SW846 8270C
Aniline	1670	982	ug/kg	59		SW846 8270C
	1670	1270	ug/kg	76	26	SW846 8270C
Anthracene	1670	1310	ug/kg	79		SW846 8270C
	1670	1350	ug/kg	81	2.8	SW846 8270C
Benzo(a)anthracene	1670	1410	ug/kg	84		SW846 8270C
	1670	1380	ug/kg	83	1.8	SW846 8270C
Benzo(b)fluoranthene	1670	1350	ug/kg	81		SW846 8270C
	1670	1280	ug/kg	77	5.4	SW846 8270C
Benzo(k)fluoranthene	1670	1590	ug/kg	96		SW846 8270C
	1670	1580	ug/kg	95	1.1	SW846 8270C
Benzoic acid	1670	978	ug/kg	59		SW846 8270C
	1670	928	ug/kg	56	5.3	SW846 8270C
Benzo(ghi)perylene	1670	1270	ug/kg	76		SW846 8270C
	1670	1270	ug/kg	76	0.36	SW846 8270C
Benzo(a)pyrene	1670	1300	ug/kg	78		SW846 8270C
	1670	1280	ug/kg	77	1.2	SW846 8270C
Benzyl alcohol	1670	843	ug/kg	51		SW846 8270C
	1670	846	ug/kg	51	0.32	SW846 8270C
2-Chlorophenol	1670	1380	ug/kg	83		SW846 8270C
	1670	1280	ug/kg	77	7.2	SW846 8270C
4-Chloro-3-methylphenol	1670	1360	ug/kg	82		SW846 8270C
	1670	1320	ug/kg	79	3.3	SW846 8270C
bis(2-Chloroethoxy) methane	1670	1360	ug/kg	81		SW846 8270C
	1670	1280	ug/kg	77	5.7	SW846 8270C
bis(2-Chloroethyl)-ether	1670	1390	ug/kg	84		SW846 8270C
	1670	1310	ug/kg	79	6.2	SW846 8270C
bis(2-Chloroisopropyl) ether	1670	1380	ug/kg	83		SW846 8270C
	1670	1290	ug/kg	78	6.2	SW846 8270C
bis(2-Ethylhexyl) phthalate	1670	1370	ug/kg	82		SW846 8270C
	1670	1340	ug/kg	80	2.2	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Bromophenyl phenyl ether	1670	1390	ug/kg	83		SW846 8270C
	1670	1360	ug/kg	82	2.1	SW846 8270C
Butyl benzyl phthalate	1670	1630	ug/kg	98		SW846 8270C
	1670	1600	ug/kg	96	2.4	SW846 8270C
Carbazole	1670	1290	ug/kg	77		SW846 8270C
	1670	1230	ug/kg	74	4.4	SW846 8270C
4-Chloroaniline	1670	750	ug/kg	45		SW846 8270C
	1670	900	ug/kg	54	18	SW846 8270C
2-Chloronaphthalene	1670	1390	ug/kg	83		SW846 8270C
	1670	1320	ug/kg	79	5.1	SW846 8270C
4-Chlorophenyl phenyl ether	1670	1370	ug/kg	82		SW846 8270C
	1670	1350	ug/kg	81	1.2	SW846 8270C
Chrysene	1670	1320	ug/kg	79		SW846 8270C
	1670	1300	ug/kg	78	0.95	SW846 8270C
Dibenz(a,h)anthracene	1670	1040	ug/kg	62		SW846 8270C
	1670	1020 a	ug/kg	61	1.6	SW846 8270C
Dibenzofuran	1670	1360	ug/kg	81		SW846 8270C
	1670	1310	ug/kg	79	3.6	SW846 8270C
Di-n-butyl phthalate	1670	1400	ug/kg	84		SW846 8270C
	1670	1360	ug/kg	82	2.8	SW846 8270C
3,3'-Dichlorobenzidine	1670	862	ug/kg	52		SW846 8270C
	1670	1030	ug/kg	62	18	SW846 8270C
2,4-Dichlorophenol	1670	1270	ug/kg	76		SW846 8270C
	1670	1220	ug/kg	73	4.4	SW846 8270C
Diethyl phthalate	1670	1410	ug/kg	85		SW846 8270C
	1670	1400	ug/kg	84	0.46	SW846 8270C
2,4-Dimethylphenol	1670	1310	ug/kg	79		SW846 8270C
	1670	1250	ug/kg	75	4.7	SW846 8270C
Dimethyl phthalate	1670	1360	ug/kg	82		SW846 8270C
	1670	1380	ug/kg	83	1.6	SW846 8270C
4,6-Dinitro-2-methylphenol	1670	1160	ug/kg	69		SW846 8270C
	1670	1220	ug/kg	73	5.2	SW846 8270C
2,4-Dinitrophenol	1670	1180	ug/kg	71		SW846 8270C
	1670	1200	ug/kg	72	1.5	SW846 8270C
2,4-Dinitrotoluene	1670	1240	ug/kg	74		SW846 8270C
	1670	1280	ug/kg	77	3.8	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,6-Dinitrotoluene	1670	1240	ug/kg	74		SW846 8270C
	1670	1220	ug/kg	73	1.7	SW846 8270C
Di-n-octyl phthalate	1670	1640	ug/kg	99		SW846 8270C
	1670	1590	ug/kg	95	3.1	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	1670	1550	ug/kg	93		SW846 8270C
	1670	1550	ug/kg	93	0.11	SW846 8270C
Fluoranthene	1670	1370	ug/kg	82		SW846 8270C
	1670	1380	ug/kg	83	0.36	SW846 8270C
Fluorene	1670	1320	ug/kg	79		SW846 8270C
	1670	1280	ug/kg	77	3.2	SW846 8270C
Hexachlorobenzene	1670	1350	ug/kg	81		SW846 8270C
	1670	1340	ug/kg	80	0.96	SW846 8270C
Hexachlorobutadiene	1670	1450	ug/kg	87		SW846 8270C
	1670	1370	ug/kg	82	5.8	SW846 8270C
Hexachlorocyclopenta-diene	1670	893	ug/kg	54		SW846 8270C
	1670	874	ug/kg	52	2.1	SW846 8270C
Hexachloroethane	1670	1370	ug/kg	82		SW846 8270C
	1670	1320	ug/kg	79	3.1	SW846 8270C
Indeno(1,2,3-cd)pyrene	1670	1150	ug/kg	69		SW846 8270C
	1670	1100	ug/kg	66	4.0	SW846 8270C
Isophorone	1670	1330	ug/kg	80		SW846 8270C
	1670	1260	ug/kg	75	5.3	SW846 8270C
2-Methylnaphthalene	1670	1440	ug/kg	86		SW846 8270C
	1670	1370	ug/kg	82	5.2	SW846 8270C
2-Methylphenol	1670	1310	ug/kg	79		SW846 8270C
	1670	1210	ug/kg	72	8.6	SW846 8270C
3-Methylphenol & 4-Methylphenol	1670	1180	ug/kg	71		SW846 8270C
	1670	1360	ug/kg	82	14	SW846 8270C
2-Nitroaniline	1670	1220	ug/kg	73		SW846 8270C
	1670	1260	ug/kg	76	3.3	SW846 8270C
3-Nitroaniline	1670	828	ug/kg	50		SW846 8270C
	1670	935	ug/kg	56	12	SW846 8270C
4-Nitroaniline	1670	1170	ug/kg	70		SW846 8270C
	1670	1130	ug/kg	68	3.7	SW846 8270C
Nitrobenzene	1670	1390	ug/kg	83		SW846 8270C
	1670	1300	ug/kg	78	6.6	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2-Nitrophenol	1670	1200	ug/kg	72		SW846 8270C
	1670	1140	ug/kg	68	5.2	SW846 8270C
4-Nitrophenol	1670	1030	ug/kg	62		SW846 8270C
	1670	1000	ug/kg	60	2.7	SW846 8270C
N-Nitrosodi-n-propyl-amine	1670	1440	ug/kg	86		SW846 8270C
	1670	1380	ug/kg	83	4.2	SW846 8270C
N-Nitrosodimethylamine	1670	1350	ug/kg	81		SW846 8270C
	1670	1250	ug/kg	75	7.3	SW846 8270C
N-Nitrosodiphenylamine	1670	1080	ug/kg	65		SW846 8270C
	1670	1060	ug/kg	64	2.0	SW846 8270C
Phenanthrene	1670	1350	ug/kg	81		SW846 8270C
	1670	1320	ug/kg	79	2.4	SW846 8270C
Phenol	1670	1240	ug/kg	75		SW846 8270C
	1670	1170	ug/kg	70	6.2	SW846 8270C
Pyridine	1670	1240	ug/kg	74		SW846 8270C
	1670	1180	ug/kg	71	4.6	SW846 8270C
2,4,5-Trichloro-phenol	1670	1290	ug/kg	77		SW846 8270C
	1670	1280	ug/kg	77	0.23	SW846 8270C
2,4,6-Trichloro-phenol	1670	1200	ug/kg	72		SW846 8270C
	1670	1190	ug/kg	71	0.94	SW846 8270C
Benzidine	1670	0.0 a	ug/kg	0.0		SW846 8270C
	1670	0.0 a	ug/kg	0.0	0.0	SW846 8270C
Acetophenone	1670	1190	ug/kg	72		SW846 8270C
	1670	1150	ug/kg	69	3.2	SW846 8270C
Biphenyl	1670	1360	ug/kg	82		SW846 8270C
	1670	1320	ug/kg	79	3.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(62 - 108)
	89	(62 - 108)
2-Fluorobiphenyl	89	(59 - 116)
	86	(59 - 116)
Terphenyl-d14	100	(60 - 113)
	100	(60 - 113)
2-Fluorophenol	92	(49 - 108)
	85	(49 - 108)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA9LK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: I7K140000-476 KA9LK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	88	(62 - 114)
	87	(62 - 114)
2,4,6-Tribromophenol	77	(67 - 122)
	80	(67 - 122)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KCDJE1AC Matrix.....: SOLID
LCS Lot-Sample#: D7K150000-509
Prep Date.....: 11/15/07 Analysis Date..: 11/21/07
Prep Batch #...: 7319509 Analysis Time..: 01:04
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4,4'-DDD	**86**	**(70 - 118)**	**SW846 8081A**
4,4'-DDE	**84**	**(74 - 117)**	**SW846 8081A**
4,4'-DDT	**82**	**(63 - 122)**	**SW846 8081A**
Aldrin	**79**	**(72 - 112)**	**SW846 8081A**
alpha-BHC	**78**	**(62 - 110)**	**SW846 8081A**
beta-BHC	**80**	**(63 - 114)**	**SW846 8081A**
delta-BHC	**82**	**(59 - 105)**	**SW846 8081A**
Dieldrin	**84**	**(74 - 119)**	**SW846 8081A**
Endosulfan I	**77**	**(72 - 113)**	**SW846 8081A**
Endosulfan II	**82**	**(74 - 117)**	**SW846 8081A**
Endosulfan sulfate	**81**	**(71 - 126)**	**SW846 8081A**
Endrin	**87**	**(71 - 114)**	**SW846 8081A**
Endrin aldehyde	**73**	**(64 - 104)**	**SW846 8081A**
Endrin ketone	**85**	**(74 - 120)**	**SW846 8081A**
gamma-BHC (Lindane)	**82**	**(66 - 116)**	**SW846 8081A**
Heptachlor	**84**	**(71 - 117)**	**SW846 8081A**
Heptachlor epoxide	**88**	**(73 - 113)**	**SW846 8081A**
Methoxychlor	**78**	**(66 - 117)**	**SW846 8081A**
alpha-Chlordane	**82**	**(72 - 112)**	**SW846 8081A**
gamma-Chlordane	**89**	**(71 - 114)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(72 - 117)
Tetrachloro-m-xylene	76	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KCDJE1AC Matrix.....: SOLID
LCS Lot-Sample#: D7K150000-509
Prep Date.....: 11/15/07 Analysis Date..: 11/21/07
Prep Batch #...: 7319509 Analysis Time..: 01:04
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4,4'-DDD	17.3	14.9	ug/kg	86	SW846 8081A
4,4'-DDE	17.3	14.5	ug/kg	84	SW846 8081A
4,4'-DDT	17.3	14.1	ug/kg	82	SW846 8081A
Aldrin	17.3	13.6	ug/kg	79	SW846 8081A
alpha-BHC	17.3	13.5	ug/kg	78	SW846 8081A
beta-BHC	17.3	13.9	ug/kg	80	SW846 8081A
delta-BHC	17.3	14.2	ug/kg	82	SW846 8081A
Dieldrin	17.3	14.6	ug/kg	84	SW846 8081A
Endosulfan I	17.3	13.3	ug/kg	77	SW846 8081A
Endosulfan II	17.3	14.1	ug/kg	82	SW846 8081A
Endosulfan sulfate	17.3	14.0	ug/kg	81	SW846 8081A
Endrin	17.3	15.0	ug/kg	87	SW846 8081A
Endrin aldehyde	17.3	12.7	ug/kg	73	SW846 8081A
Endrin ketone	17.3	14.7	ug/kg	85	SW846 8081A
gamma-BHC (Lindane)	17.3	14.2	ug/kg	82	SW846 8081A
Heptachlor	17.3	14.5	ug/kg	84	SW846 8081A
Heptachlor epoxide	17.3	15.2	ug/kg	88	SW846 8081A
Methoxychlor	17.3	13.6	ug/kg	78	SW846 8081A
alpha-Chlordane	17.3	14.2	ug/kg	82	SW846 8081A
gamma-Chlordane	17.3	15.4	ug/kg	89	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(72 - 117)
Tetrachloro-m-xylene	76	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KCVJ01AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7K260000-258 KCVJ01AD-LCSD
Prep Date.....: 11/26/07 Analysis Date..: 11/28/07
Prep Batch #...: 7330258 Analysis Time..: 18:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin ketone	83	(74 - 120)			SW846 8081A
	82	(74 - 120)	1.3	(0-20)	SW846 8081A
gamma-BHC (Lindane)	88	(66 - 116)			SW846 8081A
	84	(66 - 116)	4.3	(0-24)	SW846 8081A
Heptachlor	87	(71 - 117)			SW846 8081A
	100	(71 - 117)	14	(0-18)	SW846 8081A
Heptachlor epoxide	88	(73 - 113)			SW846 8081A
	81	(73 - 113)	7.1	(0-18)	SW846 8081A
Methoxychlor	76	(66 - 117)			SW846 8081A
	72	(66 - 117)	5.2	(0-23)	SW846 8081A
alpha-Chlordane	85	(72 - 112)			SW846 8081A
	77	(72 - 112)	9.3	(0-18)	SW846 8081A
gamma-Chlordane	86	(71 - 114)			SW846 8081A
	79	(71 - 114)	8.0	(0-21)	SW846 8081A
4,4'-DDD	84	(70 - 118)			SW846 8081A
	77	(70 - 118)	9.1	(0-20)	SW846 8081A
4,4'-DDE	85	(74 - 117)			SW846 8081A
	78	(74 - 117)	9.0	(0-15)	SW846 8081A
4,4'-DDT	80	(63 - 122)			SW846 8081A
	74	(63 - 122)	7.2	(0-29)	SW846 8081A
Aldrin	85	(72 - 112)			SW846 8081A
	78	(72 - 112)	7.5	(0-50)	SW846 8081A
alpha-BHC	81	(62 - 110)			SW846 8081A
	76	(62 - 110)	6.6	(0-17)	SW846 8081A
beta-BHC	80	(63 - 114)			SW846 8081A
	92	(63 - 114)	14	(0-17)	SW846 8081A
delta-BHC	88	(59 - 105)			SW846 8081A
	86	(59 - 105)	1.9	(0-19)	SW846 8081A
Dieldrin	92	(74 - 119)			SW846 8081A
	83	(74 - 119)	9.7	(0-25)	SW846 8081A
Endosulfan I	84	(72 - 113)			SW846 8081A
	76	(72 - 113)	9.4	(0-26)	SW846 8081A
Endosulfan II	90	(74 - 117)			SW846 8081A
	83	(74 - 117)	7.6	(0-20)	SW846 8081A
Endosulfan sulfate	88	(71 - 126)			SW846 8081A
	83	(71 - 126)	5.5	(0-22)	SW846 8081A
Endrin	86	(71 - 114)			SW846 8081A
	79	(71 - 114)	7.6	(0-30)	SW846 8081A
Endrin aldehyde	76	(64 - 104)			SW846 8081A
	75	(64 - 104)	1.1	(0-29)	SW846 8081A

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVJ01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7K260000-258 KCVJ01AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(72 - 117)
	91	(72 - 117)
Tetrachloro-m-xylene	82	(68 - 120)
	71	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KCVJ01AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7K260000-258 KCVJ01AD-LCSD
Prep Date.....: 11/26/07 Analysis Date..: 11/28/07
Prep Batch #...: 7330258 Analysis Time..: 18:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin ketone	16.6	13.8	ug/kg	83		SW846 8081A
	16.6	13.6	ug/kg	82	1.3	SW846 8081A
gamma-BHC (Lindane)	16.6	14.6	ug/kg	88		SW846 8081A
	16.6	14.0	ug/kg	84	4.3	SW846 8081A
Heptachlor	16.6	14.4	ug/kg	87		SW846 8081A
	16.6	16.7	ug/kg	100	14	SW846 8081A
Heptachlor epoxide	16.6	14.5	ug/kg	88		SW846 8081A
	16.6	13.5	ug/kg	81	7.1	SW846 8081A
Methoxychlor	16.6	12.6	ug/kg	76		SW846 8081A
	16.6	12.0	ug/kg	72	5.2	SW846 8081A
alpha-Chlordane	16.6	14.1	ug/kg	85		SW846 8081A
	16.6	12.9	ug/kg	77	9.3	SW846 8081A
gamma-Chlordane	16.6	14.3	ug/kg	86		SW846 8081A
	16.6	13.2	ug/kg	79	8.0	SW846 8081A
4,4'-DDD	16.6	14.0	ug/kg	84		SW846 8081A
	16.6	12.8	ug/kg	77	9.1	SW846 8081A
4,4'-DDE	16.6	14.1	ug/kg	85		SW846 8081A
	16.6	12.9	ug/kg	78	9.0	SW846 8081A
4,4'-DDT	16.6	13.3	ug/kg	80		SW846 8081A
	16.6	12.4	ug/kg	74	7.2	SW846 8081A
Aldrin	16.6	14.0	ug/kg	85		SW846 8081A
	16.6	13.0	ug/kg	78	7.5	SW846 8081A
alpha-BHC	16.6	13.4	ug/kg	81		SW846 8081A
	16.6	12.6	ug/kg	76	6.6	SW846 8081A
beta-BHC	16.6	13.3	ug/kg	80		SW846 8081A
	16.6	15.2	ug/kg	92	14	SW846 8081A
delta-BHC	16.6	14.6	ug/kg	88		SW846 8081A
	16.6	14.3	ug/kg	86	1.9	SW846 8081A
Dieldrin	16.6	15.2	ug/kg	92		SW846 8081A
	16.6	13.8	ug/kg	83	9.7	SW846 8081A
Endosulfan I	16.6	14.0	ug/kg	84		SW846 8081A
	16.6	12.7	ug/kg	76	9.4	SW846 8081A
Endosulfan II	16.6	15.0	ug/kg	90		SW846 8081A
	16.6	13.9	ug/kg	83	7.6	SW846 8081A
Endosulfan sulfate	16.6	14.5	ug/kg	88		SW846 8081A
	16.6	13.7	ug/kg	83	5.5	SW846 8081A
Endrin	16.6	14.2	ug/kg	86		SW846 8081A
	16.6	13.1	ug/kg	79	7.6	SW846 8081A
Endrin aldehyde	16.6	12.6	ug/kg	76		SW846 8081A
	16.6	12.5	ug/kg	75	1.1	SW846 8081A

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCVJ01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7K260000-258 KCVJ01AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(72 - 117)
	91	(72 - 117)
Tetrachloro-m-xylene	82	(68 - 120)
	71	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCDG01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7K150000-486
Prep Date.....: 11/15/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7319486 **Analysis Time..:** 03:01
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**85**	**(54 - 132)**	**SW846 8082**
Aroclor 1260	**87**	**(62 - 129)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(53 - 128)
Decachlorobiphenyl	83	(59 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KCDG01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7K150000-486
Prep Date.....: 11/15/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7319486 **Analysis Time..:** 03:01
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**70.0**	**59.3**	**ug/kg**	**85**	**SW846 8082**
Aroclor 1260	**70.0**	**60.6**	**ug/kg**	**87**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(53 - 128)
Decachlorobiphenyl	83	(59 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I7K130000-255 **Prep Batch #...:** 7317255					
Mercury	103	(80 - 120)	SW846 7471A	11/13/07	KA5A31AC
		Dilution Factor: 1	Analysis Time..: 13:58		
LCS Lot-Sample#: I7K160000-111 **Prep Batch #...:** 7320111					
Silver	100	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AM
		Dilution Factor: 1	Analysis Time..: 20:23		
Arsenic	100	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AN
		Dilution Factor: 1	Analysis Time..: 20:23		
Beryllium	107	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AP
		Dilution Factor: 1	Analysis Time..: 20:23		
Cadmium	100	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AQ
		Dilution Factor: 1	Analysis Time..: 20:23		
Cobalt	98	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AR
		Dilution Factor: 1	Analysis Time..: 20:23		
Manganese	104	(80 - 120)	SW846 6020	11/12-11/19/07	KCD2J1AU
		Dilution Factor: 1	Analysis Time..: 10:51		
Nickel	103	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AV
		Dilution Factor: 1	Analysis Time..: 20:23		
Lead	104	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AW
		Dilution Factor: 1	Analysis Time..: 20:23		
Antimony	103	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1AX
		Dilution Factor: 1	Analysis Time..: 20:23		
Aluminum	91	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CC
		Dilution Factor: 1	Analysis Time..: 20:23		
Barium	98	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CD
		Dilution Factor: 1	Analysis Time..: 20:23		
Copper	102	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CE
		Dilution Factor: 1	Analysis Time..: 20:23		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	96	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CF
		Dilution Factor: 1	Analysis Time..: 20:23		
Lithium	105	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CG
		Dilution Factor: 1	Analysis Time..: 20:23		
Selenium	104	(80 - 120)	SW846 6020	11/12-11/19/07	KCD2J1CH
		Dilution Factor: 1	Analysis Time..: 10:51		
Titanium	101	(80 - 120)	SW846 6020	11/12-11/17/07	KCD2J1CJ
		Dilution Factor: 1	Analysis Time..: 20:23		
Thallium	93	(80 - 120)	SW846 6020	11/12-11/19/07	KCD2J1CK
		Dilution Factor: 1	Analysis Time..: 10:51		
Zinc	108	(80 - 120)	SW846 6020	11/12-11/19/07	KCD2J1CL
		Dilution Factor: 1	Analysis Time..: 10:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I7K130000-255 **Prep Batch #...:** 7317255							
Mercury	0.417	0.431	mg/kg	103	SW846 7471A	11/13/07	KA5A31AC
			Dilution Factor: 1		Analysis Time..: 13:58		
LCS Lot-Sample#: I7K160000-111 **Prep Batch #...:** 7320111							
Silver	1.00	0.995	mg/kg	100	SW846 6020	11/12-11/17/07	KCD2J1AM
			Dilution Factor: 1		Analysis Time..: 20:23		
Arsenic	5.00	5.00	mg/kg	100	SW846 6020	11/12-11/17/07	KCD2J1AN
			Dilution Factor: 1		Analysis Time..: 20:23		
Beryllium	5.00	5.36	mg/kg	107	SW846 6020	11/12-11/17/07	KCD2J1AP
			Dilution Factor: 1		Analysis Time..: 20:23		
Cadmium	5.00	5.02	mg/kg	100	SW846 6020	11/12-11/17/07	KCD2J1AQ
			Dilution Factor: 1		Analysis Time..: 20:23		
Cobalt	5.00	4.89	mg/kg	98	SW846 6020	11/12-11/17/07	KCD2J1AR
			Dilution Factor: 1		Analysis Time..: 20:23		
Manganese	5.00	5.19	mg/kg	104	SW846 6020	11/12-11/19/07	KCD2J1AU
			Dilution Factor: 1		Analysis Time..: 10:51		
Nickel	5.00	5.16	mg/kg	103	SW846 6020	11/12-11/17/07	KCD2J1AV
			Dilution Factor: 1		Analysis Time..: 20:23		
Lead	5.00	5.22	mg/kg	104	SW846 6020	11/12-11/17/07	KCD2J1AW
			Dilution Factor: 1		Analysis Time..: 20:23		
Antimony	5.00	5.14	mg/kg	103	SW846 6020	11/12-11/17/07	KCD2J1AX
			Dilution Factor: 1		Analysis Time..: 20:23		
Aluminum	500	453	mg/kg	91	SW846 6020	11/12-11/17/07	KCD2J1CC
			Dilution Factor: 1		Analysis Time..: 20:23		
Barium	5.00	4.91	mg/kg	98	SW846 6020	11/12-11/17/07	KCD2J1CD
			Dilution Factor: 1		Analysis Time..: 20:23		
Copper	5.00	5.11	mg/kg	102	SW846 6020	11/12-11/17/07	KCD2J1CE
			Dilution Factor: 1		Analysis Time..: 20:23		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	500	481	mg/kg	96	SW846 6020	11/12-11/17/07	KCD2J1CF
			Dilution Factor: 1		Analysis Time..: 20:23		
Lithium	5.00	5.24	mg/kg	105	SW846 6020	11/12-11/17/07	KCD2J1CG
			Dilution Factor: 1		Analysis Time..: 20:23		
Selenium	5.00	5.19	mg/kg	104	SW846 6020	11/12-11/19/07	KCD2J1CH
			Dilution Factor: 1		Analysis Time..: 10:51		
Titanium	5.00	5.03	mg/kg	101	SW846 6020	11/12-11/17/07	KCD2J1CJ
			Dilution Factor: 1		Analysis Time..: 20:23		
Thallium	5.00	4.66	mg/kg	93	SW846 6020	11/12-11/19/07	KCD2J1CK
			Dilution Factor: 1		Analysis Time..: 10:51		
Zinc	5.00	5.42	mg/kg	108	SW846 6020	11/12-11/19/07	KCD2J1CL
			Dilution Factor: 1		Analysis Time..: 10:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD
Date Sampled...: 11/12/07 10:45 **Date Received..:** 11/14/07
Prep Date.....: 11/19/07 **Analysis Date..:** 11/19/07
Prep Batch #...: 7330290 **Analysis Time..:** 22:44
Dilution Factor: 1 **% Moisture.....:** 0.0

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroethane	87	(64 - 124)			SW846 8260B
	81	(64 - 124)	9.5	(0-30)	SW846 8260B
1,1-Dichloroethene	72	(62 - 122)			SW846 8260B
	64	(62 - 122)	14	(0-30)	SW846 8260B
Trichloroethene	89	(67 - 127)			SW846 8260B
	81	(67 - 127)	10	(0-30)	SW846 8260B
Benzene	97	(68 - 128)			SW846 8260B
	91	(68 - 128)	8.0	(0-30)	SW846 8260B
Toluene	94	(64 - 124)			SW846 8260B
	85	(64 - 124)	12	(0-30)	SW846 8260B
Chlorobenzene	91	(65 - 125)			SW846 8260B
	85	(65 - 125)	8.8	(0-30)	SW846 8260B
Chloromethane	93	(61 - 121)			SW846 8260B
	86	(61 - 121)	10	(0-30)	SW846 8260B
Bromomethane	91	(61 - 121)			SW846 8260B
	84	(61 - 121)	9.0	(0-30)	SW846 8260B
Vinyl chloride	90	(59 - 118)			SW846 8260B
	80	(59 - 118)	13	(0-30)	SW846 8260B
Trichlorofluoromethane	87	(62 - 122)			SW846 8260B
	78	(62 - 122)	13	(0-30)	SW846 8260B
Methylene chloride	89	(63 - 123)			SW846 8260B
	85	(63 - 123)	6.1	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(61 - 121)			SW846 8260B
	93	(61 - 121)	7.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	86	(61 - 121)			SW846 8260B
	80	(61 - 121)	8.6	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	92	(58 - 118)			SW846 8260B
	88	(58 - 118)	6.9	(0-30)	SW846 8260B
1,1,1-Trichloroethane	104	(65 - 125)			SW846 8260B
	94	(65 - 125)	11	(0-30)	SW846 8260B
1,2-Dichloroethane	118	(67 - 127)			SW846 8260B
	116	(67 - 127)	3.7	(0-30)	SW846 8260B
Carbon tetrachloride	112	(71 - 131)			SW846 8260B
	101	(71 - 131)	12	(0-30)	SW846 8260B
Bromodichloromethane	117	(77 - 137)			SW846 8260B
	112	(77 - 137)	5.9	(0-30)	SW846 8260B
1,2-Dichloropropane	93	(70 - 130)			SW846 8260B
	88	(70 - 130)	7.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	99	(72 - 132)			SW846 8260B
	95	(72 - 132)	5.7	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloroethane	94	(69 - 129)			SW846 8260B
	88	(69 - 129)	8.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	103	(74 - 134)			SW846 8260B
	96	(74 - 134)	8.8	(0-30)	SW846 8260B
Dibromochloromethane	112	(77 - 137)			SW846 8260B
	106	(77 - 137)	7.2	(0-30)	SW846 8260B
Bromoform	118	(95 - 155)			SW846 8260B
	109	(95 - 155)	9.3	(0-30)	SW846 8260B
Tetrachloroethene	99	(69 - 129)			SW846 8260B
	94	(69 - 129)	6.7	(0-30)	SW846 8260B
Ethylbenzene	95	(65 - 125)			SW846 8260B
	85	(65 - 125)	13	(0-30)	SW846 8260B
Xylenes (total)	94	(64 - 124)			SW846 8260B
	86	(64 - 124)	11	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(74 - 134)			SW846 8260B
	88	(74 - 134)	12	(0-30)	SW846 8260B
1,3-Dichlorobenzene	90	(62 - 122)			SW846 8260B
	81	(62 - 122)	13	(0-30)	SW846 8260B
1,4-Dichlorobenzene	90	(64 - 124)			SW846 8260B
	82	(64 - 124)	11	(0-30)	SW846 8260B
1,2-Dichlorobenzene	93	(65 - 125)			SW846 8260B
	84	(65 - 125)	12	(0-30)	SW846 8260B
Acetone	64	(37 - 97)			SW846 8260B
	62	(37 - 97)	4.4	(0-30)	SW846 8260B
2-Butanone (MEK)	68	(46 - 106)			SW846 8260B
	53	(46 - 106)	27	(0-30)	SW846 8260B
Chloroform	113	(62 - 122)			SW846 8260B
	106	(62 - 122)	7.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK)	84	(72 - 132)			SW846 8260B
	79	(72 - 132)	7.7	(0-30)	SW846 8260B
n-Butylbenzene	102	(68 - 128)			SW846 8260B
	87	(68 - 128)	18	(0-30)	SW846 8260B
Carbon disulfide	86	(59 - 119)			SW846 8260B
	78	(59 - 119)	11	(0-30)	SW846 8260B
2-Hexanone	87	(74 - 134)			SW846 8260B
	77	(74 - 134)	14	(0-30)	SW846 8260B
Isopropylbenzene	100	(63 - 123)			SW846 8260B
	88	(63 - 123)	14	(0-40)	SW846 8260B
n-Propylbenzene	89	(62 - 122)			SW846 8260B
	78	(62 - 122)	15	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	96	(68 - 128)			SW846 8260B
	89	(68 - 128)	9.5	(0-30)	SW846 8260B
1,2,3-Trichloropropane	98	(73 - 123)			SW846 8260B
	89	(73 - 123)	11	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	98	(64 - 124)			SW846 8260B
	87	(64 - 124)	14	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(66 - 126)			SW846 8260B
	86	(66 - 126)	14	(0-30)	SW846 8260B
o-Xylene	93	(65 - 125)			SW846 8260B
	86	(65 - 125)	9.9	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	107	(74 - 134)			SW846 8260B
	101	(74 - 134)	8.1	(0-40)	SW846 8260B
1,2,4-Trichloro-benzene	102	(74 - 134)			SW846 8260B
	87	(74 - 134)	17	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	60	(57 - 117)			SW846 8260B
	57	(57 - 117)	7.4	(0-30)	SW846 8260B
1,1-Dichloropropene	103	(65 - 125)			SW846 8260B
	94	(65 - 125)	11	(0-30)	SW846 8260B
1,2-Dibromoethane (EDB)	93	(73 - 133)			SW846 8260B
	88	(73 - 133)	6.8	(0-30)	SW846 8260B
1,3-Dichloropropane	99	(70 - 130)			SW846 8260B
	95	(70 - 130)	5.9	(0-30)	SW846 8260B
n-Butanol	88	(70 - 130)			SW846 8260B
	69 a	(70 - 130)	26	(0-40)	SW846 8260B
2,2-Dichloropropane	84	(56 - 116)			SW846 8260B
	76	(56 - 116)	11	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	98	(65 - 125)			SW846 8260B
	94	(65 - 125)	5.8	(0-30)	SW846 8260B
2-Chlorotoluene	88	(64 - 124)			SW846 8260B
	79	(64 - 124)	13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	96	(70 - 130)			SW846 8260B
	80	(70 - 130)	19	(0-40)	SW846 8260B
4-Chlorotoluene	89	(63 - 123)			SW846 8260B
	79	(63 - 123)	15	(0-30)	SW846 8260B
p-Isopropyltoluene	96	(65 - 125)			SW846 8260B
	82	(65 - 125)	17	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acrolein	74	(61 - 121)			SW846 8260B
	69	(61 - 121)	8.9	(0-30)	SW846 8260B
Acrylonitrile	74	(66 - 126)			SW846 8260B
	70	(66 - 126)	6.8	(0-30)	SW846 8260B
Bromobenzene	90	(64 - 124)			SW846 8260B
	81	(64 - 124)	11	(0-30)	SW846 8260B
Dibromomethane	95	(69 - 129)			SW846 8260B
	92	(69 - 129)	4.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	115 a	(54 - 114)			SW846 8260B
	101	(54 - 114)	15	(0-30)	SW846 8260B
Hexachlorobutadiene	99	(68 - 128)			SW846 8260B
	85	(68 - 128)	17	(0-30)	SW846 8260B
Iodomethane	81	(62 - 122)			SW846 8260B
	78	(62 - 122)	6.0	(0-30)	SW846 8260B
Methyl acetate	71	(70 - 130)			SW846 8260B
	65 a	(70 - 130)	10	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	89	(58 - 118)			SW846 8260B
	84	(58 - 118)	7.4	(0-30)	SW846 8260B
Methylcyclohexane	56 a	(67 - 127)			SW846 8260B
	61 a	(67 - 127)	7.2	(0-30)	SW846 8260B
sec-Butylbenzene	98	(65 - 125)			SW846 8260B
	83	(65 - 125)	18	(0-30)	SW846 8260B
tert-Butylbenzene	94	(63 - 123)			SW846 8260B
	80	(63 - 123)	17	(0-30)	SW846 8260B
trans-1,4-Dichloro-2-butene	86	(85 - 145)			SW846 8260B
	78 a	(85 - 145)	12	(0-30)	SW846 8260B
Vinyl acetate	101	(70 - 130)			SW846 8260B
	97	(70 - 130)	6.0	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(60 - 120)			SW846 8260B
	84	(60 - 120)	7.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(59 - 119)
	95	(59 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 136)
	99	(76 - 136)
Dibromofluoromethane	99	(69 - 129)
	101	(69 - 129)
1,2-Dichloroethane-d4	107	(67 - 127)
	109	(67 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD
Date Sampled...: 11/12/07 10:45 **Date Received..:** 11/14/07
Prep Date.....: 11/19/07 **Analysis Date..:** 11/19/07
Prep Batch #...: 7330290 **Analysis Time..:** 22:44
Dilution Factor: 1 **% Moisture.....:** 0.0

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Chloroethane	ND	49.9	43.7	ug/kg	87		SW846 8260B
	ND	49.1	39.7	ug/kg	81	9.5	SW846 8260B
1,1-Dichloroethene	ND	49.9	36.0	ug/kg	72		SW846 8260B
	ND	49.1	31.2	ug/kg	64	14	SW846 8260B
Trichloroethene	1.3	49.9	45.6	ug/kg	89		SW846 8260B
	1.3	49.1	41.2	ug/kg	81	10	SW846 8260B
Benzene	ND	49.9	48.5	ug/kg	97		SW846 8260B
	ND	49.1	44.7	ug/kg	91	8.0	SW846 8260B
Toluene	ND	49.9	47.0	ug/kg	94		SW846 8260B
	ND	49.1	41.8	ug/kg	85	12	SW846 8260B
Chlorobenzene	ND	49.9	45.3	ug/kg	91		SW846 8260B
	ND	49.1	41.5	ug/kg	85	8.8	SW846 8260B
Chloromethane	ND	49.9	46.6	ug/kg	93		SW846 8260B
	ND	49.1	42.1	ug/kg	86	10	SW846 8260B
Bromomethane	ND	49.9	45.2	ug/kg	91		SW846 8260B
	ND	49.1	41.3	ug/kg	84	9.0	SW846 8260B
Vinyl chloride	ND	49.9	44.7	ug/kg	90		SW846 8260B
	ND	49.1	39.4	ug/kg	80	13	SW846 8260B
Trichlorofluoromethane	ND	49.9	43.6	ug/kg	87		SW846 8260B
	ND	49.1	38.3	ug/kg	78	13	SW846 8260B
Methylene chloride	ND	49.9	44.2	ug/kg	89		SW846 8260B
	ND	49.1	41.6	ug/kg	85	6.1	SW846 8260B
1,1-Dichloroethane	ND	49.9	49.2	ug/kg	99		SW846 8260B
	ND	49.1	45.7	ug/kg	93	7.2	SW846 8260B
trans-1,2-Dichloroethene	ND	49.9	43.1	ug/kg	86		SW846 8260B
	ND	49.1	39.5	ug/kg	80	8.6	SW846 8260B
cis-1,2-Dichloroethene	ND	49.9	46.1	ug/kg	92		SW846 8260B
	ND	49.1	43.0	ug/kg	88	6.9	SW846 8260B
1,1,1-Trichloroethane	ND	49.9	51.9	ug/kg	104		SW846 8260B
	ND	49.1	46.3	ug/kg	94	11	SW846 8260B
1,2-Dichloroethane	ND	49.9	59.0	ug/kg	118		SW846 8260B
	ND	49.1	56.8	ug/kg	116	3.7	SW846 8260B
Carbon tetrachloride	ND	49.9	56.1	ug/kg	112		SW846 8260B
	ND	49.1	49.7	ug/kg	101	12	SW846 8260B
Bromodichloromethane	ND	49.9	58.4	ug/kg	117		SW846 8260B
	ND	49.1	55.1	ug/kg	112	5.9	SW846 8260B
1,2-Dichloropropane	ND	49.9	46.5	ug/kg	93		SW846 8260B
	ND	49.1	43.3	ug/kg	88	7.0	SW846 8260B
cis-1,3-Dichloropropene	ND	49.9	49.2	ug/kg	99		SW846 8260B
	ND	49.1	46.5	ug/kg	95	5.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	49.9	47.1	ug/kg	94		SW846 8260B
	ND	49.1	43.3	ug/kg	88	8.3	SW846 8260B
trans-1,3-Dichloropropene	ND	49.9	51.5	ug/kg	103		SW846 8260B
	ND	49.1	47.2	ug/kg	96	8.8	SW846 8260B
Dibromochloromethane	ND	49.9	56.1	ug/kg	112		SW846 8260B
	ND	49.1	52.2	ug/kg	106	7.2	SW846 8260B
Bromoform	ND	49.9	58.9	ug/kg	118		SW846 8260B
	ND	49.1	53.7	ug/kg	109	9.3	SW846 8260B
Tetrachloroethene	ND	49.9	49.2	ug/kg	99		SW846 8260B
	ND	49.1	46.0	ug/kg	94	6.7	SW846 8260B
Ethylbenzene	ND	49.9	47.6	ug/kg	95		SW846 8260B
	ND	49.1	41.9	ug/kg	85	13	SW846 8260B
Xylenes (total)	ND	150	141	ug/kg	94		SW846 8260B
	ND	147	126	ug/kg	86	11	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	49.9	48.7	ug/kg	98		SW846 8260B
	ND	49.1	43.2	ug/kg	88	12	SW846 8260B
1,3-Dichlorobenzene	ND	49.9	45.0	ug/kg	90		SW846 8260B
	ND	49.1	39.6	ug/kg	81	13	SW846 8260B
1,4-Dichlorobenzene	ND	49.9	45.0	ug/kg	90		SW846 8260B
	ND	49.1	40.2	ug/kg	82	11	SW846 8260B
1,2-Dichlorobenzene	ND	49.9	46.3	ug/kg	93		SW846 8260B
	ND	49.1	41.1	ug/kg	84	12	SW846 8260B
Acetone	ND	49.9	31.9	ug/kg	64		SW846 8260B
	ND	49.1	30.6	ug/kg	62	4.4	SW846 8260B
2-Butanone (MEK)	ND	49.9	34.1	ug/kg	68		SW846 8260B
	ND	49.1	26.1	ug/kg	53	27	SW846 8260B
Chloroform	ND	49.9	56.2	ug/kg	113		SW846 8260B
	ND	49.1	52.1	ug/kg	106	7.5	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	49.9	41.8	ug/kg	84		SW846 8260B
	ND	49.1	38.7	ug/kg	79	7.7	SW846 8260B
n-Butylbenzene	ND	49.9	50.9	ug/kg	102		SW846 8260B
	ND	49.1	42.7	ug/kg	87	18	SW846 8260B
Carbon disulfide	1.5	49.9	44.5	ug/kg	86		SW846 8260B
	1.5	49.1	39.6	ug/kg	78	11	SW846 8260B
2-Hexanone	ND	49.9	43.3	ug/kg	87		SW846 8260B
	ND	49.1	37.7	ug/kg	77	14	SW846 8260B
Isopropylbenzene	ND	49.9	49.7	ug/kg	100		SW846 8260B
	ND	49.1	43.1	ug/kg	88	14	SW846 8260B
n-Propylbenzene	ND	49.9	44.5	ug/kg	89		SW846 8260B
	ND	49.1	38.3	ug/kg	78	15	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Styrene	ND	49.9	47.9	ug/kg	96		SW846 8260B
	ND	49.1	43.6	ug/kg	89	9.5	SW846 8260B
1,2,3-Trichloropropane	ND	49.9	48.7	ug/kg	98		SW846 8260B
	ND	49.1	43.7	ug/kg	89	11	SW846 8260B
1,2,4-Trimethylbenzene	ND	49.9	48.9	ug/kg	98		SW846 8260B
	ND	49.1	42.5	ug/kg	87	14	SW846 8260B
1,3,5-Trimethylbenzene	ND	49.9	48.6	ug/kg	97		SW846 8260B
	ND	49.1	42.0	ug/kg	86	14	SW846 8260B
o-Xylene	ND	49.9	46.5	ug/kg	93		SW846 8260B
	ND	49.1	42.1	ug/kg	86	9.9	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	49.9	53.6	ug/kg	107		SW846 8260B
	ND	49.1	49.5	ug/kg	101	8.1	SW846 8260B
1,2,4-Trichloro-benzene	ND	49.9	50.8	ug/kg	102		SW846 8260B
	ND	49.1	42.9	ug/kg	87	17	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	49.9	30.1	ug/kg	60		SW846 8260B
	ND	49.1	27.9	ug/kg	57	7.4	SW846 8260B
1,1-Dichloropropene	ND	49.9	51.6	ug/kg	103		SW846 8260B
	ND	49.1	46.0	ug/kg	94	11	SW846 8260B
1,2-Dibromoethane (EDB)	ND	49.9	46.4	ug/kg	93		SW846 8260B
	ND	49.1	43.3	ug/kg	88	6.8	SW846 8260B
1,3-Dichloropropane	ND	49.9	49.6	ug/kg	99		SW846 8260B
	ND	49.1	46.8	ug/kg	95	5.9	SW846 8260B
n-Butanol	ND	2500	2190	ug/kg	88		SW846 8260B
	ND	2460	1690	ug/kg	69 a	26	SW846 8260B
2,2-Dichloropropane	ND	49.9	41.7	ug/kg	84		SW846 8260B
	ND	49.1	37.4	ug/kg	76	11	SW846 8260B
2-Chloroethyl vinyl ether	ND	49.9	48.9	ug/kg	98		SW846 8260B
	ND	49.1	46.1	ug/kg	94	5.8	SW846 8260B
2-Chlorotoluene	ND	49.9	44.0	ug/kg	88		SW846 8260B
	ND	49.1	38.6	ug/kg	79	13	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	49.9	47.8	ug/kg	96		SW846 8260B
	ND	49.1	39.3	ug/kg	80	19	SW846 8260B
4-Chlorotoluene	ND	49.9	44.6	ug/kg	89		SW846 8260B
	ND	49.1	38.6	ug/kg	79	15	SW846 8260B
p-Isopropyltoluene	ND	49.9	47.9	ug/kg	96		SW846 8260B
	ND	49.1	40.4	ug/kg	82	17	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acrolein	ND	250	186	ug/kg	74		SW846 8260B
	ND	246	170	ug/kg	69	8.9	SW846 8260B
Acrylonitrile	ND	250	184	ug/kg	74		SW846 8260B
	ND	246	172	ug/kg	70	6.8	SW846 8260B
Bromobenzene	ND	49.9	44.7	ug/kg	90		SW846 8260B
	ND	49.1	40.0	ug/kg	81	11	SW846 8260B
Dibromomethane	ND	49.9	47.3	ug/kg	95		SW846 8260B
	ND	49.1	45.2	ug/kg	92	4.6	SW846 8260B
Dichlorodifluoromethane	ND	49.9	57.4	ug/kg	115 a		SW846 8260B
	ND	49.1	49.4	ug/kg	101	15	SW846 8260B
Hexachlorobutadiene	ND	49.9	49.3	ug/kg	99		SW846 8260B
	ND	49.1	41.5	ug/kg	85	17	SW846 8260B
Iodomethane	ND	49.9	40.6	ug/kg	81		SW846 8260B
	ND	49.1	38.2	ug/kg	78	6.0	SW846 8260B
Methyl acetate	ND	125	88.4	ug/kg	71		SW846 8260B
	ND	123	79.8	ug/kg	65 a	10	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	49.9	44.3	ug/kg	89		SW846 8260B
	ND	49.1	41.2	ug/kg	84	7.4	SW846 8260B
Methylcyclohexane	ND	125	70.2	ug/kg	56 a		SW846 8260B
	ND	123	75.4	ug/kg	61 a	7.2	SW846 8260B
sec-Butylbenzene	ND	49.9	48.7	ug/kg	98		SW846 8260B
	ND	49.1	40.7	ug/kg	83	18	SW846 8260B
tert-Butylbenzene	ND	49.9	46.8	ug/kg	94		SW846 8260B
	ND	49.1	39.4	ug/kg	80	17	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	49.9	43.0	ug/kg	86		SW846 8260B
	ND	49.1	38.2	ug/kg	78 a	12	SW846 8260B
Vinyl acetate	ND	49.9	50.6	ug/kg	101		SW846 8260B
	ND	49.1	47.7	ug/kg	97	6.0	SW846 8260B
1,2-Dichloroethene (total)	ND	99.8	89.1	ug/kg	89		SW846 8260B
	ND	98.2	82.5	ug/kg	84	7.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(59 - 119)
	95	(59 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7K070182 **Work Order #...:** KA8D81AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K140204-002 KA8D81AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 136)
	99	(76 - 136)
Dibromofluoromethane	99	(69 - 129)
	101	(69 - 129)
1,2-Dichloroethane-d4	107	(67 - 127)
	109	(67 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD
Date Sampled...: 11/12/07 08:00 **Date Received..:** 11/12/07
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 17:21
Dilution Factor: 1 **% Moisture.....:** 0.0

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	81	(58 - 104)			SW846 8270C
	78	(58 - 104)	3.3	(0-30)	SW846 8270C
Acenaphthylene	82	(59 - 104)			SW846 8270C
	80	(59 - 104)	3.1	(0-30)	SW846 8270C
Aniline	56	(25 - 98)			SW846 8270C
	44	(25 - 98)	3.5	(0-30)	SW846 8270C
Anthracene	83	(62 - 109)			SW846 8270C
	81	(62 - 109)	2.5	(0-30)	SW846 8270C
Benzo(a)anthracene	90	(59 - 109)			SW846 8270C
	85	(59 - 109)	5.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	77	(54 - 106)			SW846 8270C
	77	(54 - 106)	0.86	(0-30)	SW846 8270C
Benzo(k)fluoranthene	99	(56 - 124)			SW846 8270C
	90	(56 - 124)	9.7	(0-30)	SW846 8270C
Benzoic acid	53	(8.0- 111)			SW846 8270C
	55	(8.0- 111)	3.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	79	(56 - 128)			SW846 8270C
	78	(56 - 128)	1.2	(0-30)	SW846 8270C
Benzo(a)pyrene	81	(60 - 109)			SW846 8270C
	77	(60 - 109)	4.7	(0-30)	SW846 8270C
Benzyl alcohol	54	(42 - 122)			SW846 8270C
	49	(42 - 122)	9.2	(0-30)	SW846 8270C
2-Chlorophenol	81	(43 - 107)			SW846 8270C
	81	(43 - 107)	0.03	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	82	(56 - 112)			SW846 8270C
	81	(56 - 112)	1.0	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	78	(48 - 106)			SW846 8270C
	77	(48 - 106)	0.55	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	100	(39 - 105)			SW846 8270C
	97	(39 - 105)	2.8	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	79	(43 - 103)			SW846 8270C
	80	(43 - 103)	0.92	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	80	(60 - 106)			SW846 8270C
	77	(60 - 106)	2.9	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	87	(59 - 115)			SW846 8270C
	82	(59 - 115)	6.0	(0-30)	SW846 8270C
Butyl benzyl phthalate	107 a	(59 - 105)			SW846 8270C
	101	(59 - 105)	5.5	(0-30)	SW846 8270C
Carbazole	79	(60 - 112)			SW846 8270C
	81	(60 - 112)	2.1	(0-30)	SW846 8270C
4-Chloroaniline	42	(22 - 110)			SW846 8270C
	45	(22 - 110)	5.9	(0-30)	SW846 8270C
2-Chloronaphthalene	85	(50 - 112)			SW846 8270C
	80	(50 - 112)	5.2	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	83	(59 - 104)			SW846 8270C
	81	(59 - 104)	2.5	(0-30)	SW846 8270C
Chrysene	82	(61 - 110)			SW846 8270C
	77	(61 - 110)	6.4	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	65	(62 - 119)			SW846 8270C
	62	(62 - 119)	5.6	(0-30)	SW846 8270C
Dibenzofuran	82	(58 - 103)			SW846 8270C
	79	(58 - 103)	4.4	(0-30)	SW846 8270C
Di-n-butyl phthalate	86	(60 - 110)			SW846 8270C
	81	(60 - 110)	5.3	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	74	(41 - 105)			SW846 8270C
	75	(41 - 105)	1.5	(0-30)	SW846 8270C
2,4-Dichlorophenol	77	(50 - 107)			SW846 8270C
	78	(50 - 107)	2.0	(0-30)	SW846 8270C
Diethyl phthalate	88	(59 - 107)			SW846 8270C
	85	(59 - 107)	3.5	(0-30)	SW846 8270C
2,4-Dimethylphenol	84	(43 - 102)			SW846 8270C
	83	(43 - 102)	0.0	(0-30)	SW846 8270C
Dimethyl phthalate	83	(58 - 106)			SW846 8270C
	81	(58 - 106)	2.2	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	72	(42 - 121)			SW846 8270C
	70	(42 - 121)	3.1	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrophenol	72	(7.0- 113)			SW846 8270C
	70	(7.0- 113)	2.1	(0-30)	SW846 8270C
2,4-Dinitrotoluene	79	(55 - 110)			SW846 8270C
	77	(55 - 110)	2.4	(0-30)	SW846 8270C
2,6-Dinitrotoluene	77	(58 - 104)			SW846 8270C
	76	(58 - 104)	0.81	(0-30)	SW846 8270C
Di-n-octyl phthalate	94	(58 - 109)			SW846 8270C
	88	(58 - 109)	6.2	(0-30)	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	93	(53 - 128)			SW846 8270C
	88	(53 - 128)	4.5	(0-30)	SW846 8270C
Fluoranthene	86	(62 - 113)			SW846 8270C
	84	(62 - 113)	2.2	(0-30)	SW846 8270C
Fluorene	81	(60 - 107)			SW846 8270C
	77	(60 - 107)	3.8	(0-30)	SW846 8270C
Hexachlorobenzene	85	(62 - 107)			SW846 8270C
	78	(62 - 107)	7.5	(0-30)	SW846 8270C
Hexachlorobutadiene	89	(48 - 96)			SW846 8270C
	88	(48 - 96)	0.44	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	50	(2.0- 111)			SW846 8270C
	49	(2.0- 111)	2.3	(0-30)	SW846 8270C
Hexachloroethane	82	(41 - 100)			SW846 8270C
	79	(41 - 100)	2.8	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	70	(60 - 121)			SW846 8270C
	68	(60 - 121)	2.1	(0-30)	SW846 8270C
Isophorone	81	(49 - 110)			SW846 8270C
	79	(49 - 110)	1.9	(0-30)	SW846 8270C
2-Methylnaphthalene	88	(52 - 102)			SW846 8270C
	87	(52 - 102)	0.71	(0-30)	SW846 8270C
2-Methylphenol	78	(46 - 109)			SW846 8270C
	78	(46 - 109)	1.1	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	77	(38 - 128)			SW846 8270C
	82	(38 - 128)	5.8	(0-30)	SW846 8270C
2-Nitroaniline	84	(52 - 117)			SW846 8270C
	75	(52 - 117)	10	(0-30)	SW846 8270C
3-Nitroaniline	66	(35 - 119)			SW846 8270C
	65	(35 - 119)	0.76	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitroaniline	71	(50 - 135)			SW846 8270C
	72	(50 - 135)	1.7	(0-30)	SW846 8270C
Nitrobenzene	557 a	(46 - 106)			SW846 8270C
	0.0 a	(46 - 106)	0.0	(0-30)	SW846 8270C
2-Nitrophenol	75	(47 - 106)			SW846 8270C
	74	(47 - 106)	1.6	(0-30)	SW846 8270C
4-Nitrophenol	73	(41 - 125)			SW846 8270C
	68	(41 - 125)	7.6	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	80	(46 - 110)			SW846 8270C
	81	(46 - 110)	1.9	(0-30)	SW846 8270C
N-Nitrosodimethylamine	81	(32 - 98)			SW846 8270C
	77	(32 - 98)	5.3	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	66	(46 - 97)			SW846 8270C
	64	(46 - 97)	2.6	(0-30)	SW846 8270C
Phenanthrene	82	(61 - 111)			SW846 8270C
	80	(61 - 111)	3.4	(0-30)	SW846 8270C
Phenol	73	(46 - 117)			SW846 8270C
	71	(46 - 117)	1.7	(0-30)	SW846 8270C
Pyridine	73	(25 - 86)			SW846 8270C
	65	(25 - 86)	11	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	84	(54 - 104)			SW846 8270C
	78	(54 - 104)	7.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	72	(53 - 103)			SW846 8270C
	71	(53 - 103)	1.3	(0-30)	SW846 8270C
Benzidine	0.0 a	(10 - 102)			SW846 8270C
	0.0 a	(10 - 102)	0.0	(0-30)	SW846 8270C
Acetophenone	55	(47 - 108)			SW846 8270C
	55	(47 - 108)	0.82	(0-30)	SW846 8270C
Biphenyl	85	(64 - 125)			SW846 8270C
	79	(64 - 125)	6.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	114	(40 - 122)
	114	(40 - 122)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	83	(42 - 129)
	86	(42 - 129)
Terphenyl-d14	98	(44 - 127)
	103	(44 - 127)
2-Fluorophenol	85	(36 - 114)
	90	(36 - 114)
Phenol-d5	85	(38 - 125)
	88	(38 - 125)
2,4,6-Tribromophenol	75	(42 - 136)
	76	(42 - 136)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD
Date Sampled...: 11/12/07 08:00 **Date Received..:** 11/12/07
Prep Date.....: 11/14/07 **Analysis Date..:** 11/16/07
Prep Batch #...: 7318476 **Analysis Time..:** 17:21
Dilution Factor: 1 **% Moisture.....:** 0.0

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	1660	1350	ug/kg	81		SW846 8270C
	ND	1670	1300	ug/kg	78	3.3	SW846 8270C
Acenaphthylene	ND	1660	1370	ug/kg	82		SW846 8270C
	ND	1670	1330	ug/kg	80	3.1	SW846 8270C
Aniline	5000	1660	5990	ug/kg	56		SW846 8270C
	5000	1670	5780	ug/kg	44	3.5	SW846 8270C
Anthracene	ND	1660	1390	ug/kg	83		SW846 8270C
	ND	1670	1350	ug/kg	81	2.5	SW846 8270C
Benzo(a)anthracene	ND	1660	1490	ug/kg	90		SW846 8270C
	ND	1670	1420	ug/kg	85	5.0	SW846 8270C
Benzo(b)fluoranthene	ND	1660	1290	ug/kg	77		SW846 8270C
	ND	1670	1280	ug/kg	77	0.86	SW846 8270C
Benzo(k)fluoranthene	ND	1660	1640	ug/kg	99		SW846 8270C
	ND	1670	1490	ug/kg	90	9.7	SW846 8270C
Benzoic acid	ND	1660	880	ug/kg	53		SW846 8270C
	ND	1670	913	ug/kg	55	3.6	SW846 8270C
Benzo(ghi)perylene	ND	1660	1310	ug/kg	79		SW846 8270C
	ND	1670	1300	ug/kg	78	1.2	SW846 8270C
Benzo(a)pyrene	ND	1660	1350	ug/kg	81		SW846 8270C
	ND	1670	1290	ug/kg	77	4.7	SW846 8270C
Benzyl alcohol	ND	1660	897	ug/kg	54		SW846 8270C
	ND	1670	818	ug/kg	49	9.2	SW846 8270C
2-Chlorophenol	ND	1660	1350	ug/kg	81		SW846 8270C
	ND	1670	1350	ug/kg	81	0.03	SW846 8270C
4-Chloro-3-methylphenol	ND	1660	1360	ug/kg	82		SW846 8270C
	ND	1670	1350	ug/kg	81	1.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1660	1290	ug/kg	78		SW846 8270C
	ND	1670	1290	ug/kg	77	0.55	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1660	1660	ug/kg	100		SW846 8270C
	ND	1670	1620	ug/kg	97	2.8	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	1660	1320	ug/kg	79		SW846 8270C
	ND	1670	1330	ug/kg	80	0.92	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	180	1660	1510	ug/kg	80		SW846 8270C
	180	1670	1460	ug/kg	77	2.9	SW846 8270C
4-Bromophenyl phenyl ether	ND	1660	1450	ug/kg	87		SW846 8270C
	ND	1670	1370	ug/kg	82	6.0	SW846 8270C
Butyl benzyl phthalate	ND	1660	1780	ug/kg	107 a		SW846 8270C
	ND	1670	1690	ug/kg	101	5.5	SW846 8270C
Carbazole	ND	1660	1320	ug/kg	79		SW846 8270C
	ND	1670	1340	ug/kg	81	2.1	SW846 8270C
4-Chloroaniline	ND	1660	700	ug/kg	42		SW846 8270C
	ND	1670	743	ug/kg	45	5.9	SW846 8270C
2-Chloronaphthalene	ND	1660	1410	ug/kg	85		SW846 8270C
	ND	1670	1340	ug/kg	80	5.2	SW846 8270C
4-Chlorophenyl phenyl ether	ND	1660	1380	ug/kg	83		SW846 8270C
	ND	1670	1350	ug/kg	81	2.5	SW846 8270C
Chrysene	ND	1660	1370	ug/kg	82		SW846 8270C
	ND	1670	1290	ug/kg	77	6.4	SW846 8270C
Dibenz(a,h)anthracene	ND	1660	1090	ug/kg	65		SW846 8270C
	ND	1670	1030	ug/kg	62	5.6	SW846 8270C
Dibenzofuran	ND	1660	1370	ug/kg	82		SW846 8270C
	ND	1670	1310	ug/kg	79	4.4	SW846 8270C
Di-n-butyl phthalate	ND	1660	1430	ug/kg	86		SW846 8270C
	ND	1670	1350	ug/kg	81	5.3	SW846 8270C
3,3'-Dichlorobenzidine	ND	1660	1240	ug/kg	74		SW846 8270C
	ND	1670	1260	ug/kg	75	1.5	SW846 8270C
2,4-Dichlorophenol	ND	1660	1270	ug/kg	77		SW846 8270C
	ND	1670	1300	ug/kg	78	2.0	SW846 8270C
Diethyl phthalate	ND	1660	1470	ug/kg	88		SW846 8270C
	ND	1670	1410	ug/kg	85	3.5	SW846 8270C
2,4-Dimethylphenol	ND	1660	1390	ug/kg	84		SW846 8270C
	ND	1670	1390	ug/kg	83	0.0	SW846 8270C
Dimethyl phthalate	ND	1660	1380	ug/kg	83		SW846 8270C
	ND	1670	1350	ug/kg	81	2.2	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1660	1200	ug/kg	72		SW846 8270C
	ND	1670	1170	ug/kg	70	3.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrophenol	ND	1660	1190	ug/kg	72		SW846 8270C
	ND	1670	1170	ug/kg	70	2.1	SW846 8270C
2,4-Dinitrotoluene	ND	1660	1310	ug/kg	79		SW846 8270C
	ND	1670	1280	ug/kg	77	2.4	SW846 8270C
2,6-Dinitrotoluene	ND	1660	1280	ug/kg	77		SW846 8270C
	ND	1670	1270	ug/kg	76	0.81	SW846 8270C
Di-n-octyl phthalate	130	1660	1700	ug/kg	94		SW846 8270C
	130	1670	1590	ug/kg	88	6.2	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	42	1660	1580	ug/kg	93		SW846 8270C
	42	1670	1510	ug/kg	88	4.5	SW846 8270C
Fluoranthene	ND	1660	1440	ug/kg	86		SW846 8270C
	ND	1670	1410	ug/kg	84	2.2	SW846 8270C
Fluorene	ND	1660	1340	ug/kg	81		SW846 8270C
	ND	1670	1290	ug/kg	77	3.8	SW846 8270C
Hexachlorobenzene	ND	1660	1410	ug/kg	85		SW846 8270C
	ND	1670	1310	ug/kg	78	7.5	SW846 8270C
Hexachlorobutadiene	ND	1660	1470	ug/kg	89		SW846 8270C
	ND	1670	1470	ug/kg	88	0.44	SW846 8270C
Hexachlorocyclopenta-diene	ND	1660	840	ug/kg	50		SW846 8270C
	ND	1670	821	ug/kg	49	2.3	SW846 8270C
Hexachloroethane	ND	1660	1360	ug/kg	82		SW846 8270C
	ND	1670	1320	ug/kg	79	2.8	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	1660	1160	ug/kg	70		SW846 8270C
	ND	1670	1130	ug/kg	68	2.1	SW846 8270C
Isophorone	ND	1660	1350	ug/kg	81		SW846 8270C
	ND	1670	1320	ug/kg	79	1.9	SW846 8270C
2-Methylnaphthalene	ND	1660	1460	ug/kg	88		SW846 8270C
	ND	1670	1450	ug/kg	87	0.71	SW846 8270C
2-Methylphenol	ND	1660	1290	ug/kg	78		SW846 8270C
	ND	1670	1310	ug/kg	78	1.1	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	1660	1280	ug/kg	77		SW846 8270C
	ND	1670	1360	ug/kg	82	5.8	SW846 8270C
2-Nitroaniline	ND	1660	1400	ug/kg	84		SW846 8270C
	ND	1670	1260	ug/kg	75	10	SW846 8270C
3-Nitroaniline	ND	1660	1090	ug/kg	66		SW846 8270C
	ND	1670	1080	ug/kg	65	0.76	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitroaniline	ND	1660	1180	ug/kg	71		SW846 8270C
	ND	1670	1200	ug/kg	72	1.7	SW846 8270C
Nitrobenzene	55000	1660	64300	ug/kg	557 a		SW846 8270C
	55000	1670	52600	ug/kg	0.0 a	0.0	SW846 8270C
2-Nitrophenol	ND	1660	1250	ug/kg	75		SW846 8270C
	ND	1670	1230	ug/kg	74	1.6	SW846 8270C
4-Nitrophenol	ND	1660	1220	ug/kg	73		SW846 8270C
	ND	1670	1130	ug/kg	68	7.6	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1660	1320	ug/kg	80		SW846 8270C
	ND	1670	1350	ug/kg	81	1.9	SW846 8270C
N-Nitrosodimethylamine	ND	1660	1350	ug/kg	81		SW846 8270C
	ND	1670	1280	ug/kg	77	5.3	SW846 8270C
N-Nitrosodiphenylamine	ND	1660	1090	ug/kg	66		SW846 8270C
	ND	1670	1070	ug/kg	64	2.6	SW846 8270C
Phenanthrene	ND	1660	1370	ug/kg	82		SW846 8270C
	ND	1670	1330	ug/kg	80	3.4	SW846 8270C
Phenol	ND	1660	1210	ug/kg	73		SW846 8270C
	ND	1670	1190	ug/kg	71	1.7	SW846 8270C
Pyridine	ND	1660	1220	ug/kg	73		SW846 8270C
	ND	1670	1090	ug/kg	65	11	SW846 8270C
2,4,5-Trichloro-phenol	ND	1660	1400	ug/kg	84		SW846 8270C
	ND	1670	1300	ug/kg	78	7.4	SW846 8270C
2,4,6-Trichloro-phenol	ND	1660	1210	ug/kg	72		SW846 8270C
	ND	1670	1190	ug/kg	71	1.3	SW846 8270C
Benzidine	ND	1660	0.0	ug/kg	0.0 a		SW846 8270C
	ND	1670	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Acetophenone	ND	1660	916	ug/kg	55		SW846 8270C
	ND	1670	909	ug/kg	55	0.82	SW846 8270C
Biphenyl	ND	1660	1410	ug/kg	85		SW846 8270C
	ND	1670	1320	ug/kg	79	6.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	114	(40 - 122)
	114	(40 - 122)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KA2RN1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: I7K120109-002 KA2RN1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	83	(42 - 129)
	86	(42 - 129)
Terphenyl-d14	98	(44 - 127)
	103	(44 - 127)
2-Fluorophenol	85	(36 - 114)
	90	(36 - 114)
Phenol-d5	85	(38 - 125)
	88	(38 - 125)
2,4,6-Tribromophenol	75	(42 - 136)
	76	(42 - 136)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KANRF1A4-MS Matrix.....: SO
MS Lot-Sample #: I7K070182-004 KANRF1A5-MSD
Date Sampled...: 11/06/07 21:25 Date Received..: 11/07/07
Prep Date.....: 11/15/07 Analysis Date..: 11/21/07
Prep Batch #...: 7319509 Analysis Time..: 01:39
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,4'-DDD	49 a	(70 - 118)			SW846 8081A
	58 a	(70 - 118)	16	(0-20)	SW846 8081A
4,4'-DDE	56 a	(74 - 117)			SW846 8081A
	59 a	(74 - 117)	4.8	(0-15)	SW846 8081A
4,4'-DDT	136 a	(63 - 122)			SW846 8081A
	63 p	(63 - 122)	73	(0-29)	SW846 8081A
Aldrin	45 a	(72 - 112)			SW846 8081A
	62 a	(72 - 112)	31	(0-50)	SW846 8081A
alpha-BHC	68	(62 - 110)			SW846 8081A
	74	(62 - 110)	8.7	(0-17)	SW846 8081A
beta-BHC	35 a	(63 - 114)			SW846 8081A
	63 p	(63 - 114)	59	(0-17)	SW846 8081A
delta-BHC	51 a	(59 - 105)			SW846 8081A
	62 p	(59 - 105)	20	(0-19)	SW846 8081A
Dieldrin	47 a	(74 - 119)			SW846 8081A
	60 a	(74 - 119)	25	(0-25)	SW846 8081A
Endosulfan I	44 a	(72 - 113)			SW846 8081A
	56 a	(72 - 113)	24	(0-26)	SW846 8081A
Endosulfan II	71 a	(74 - 117)			SW846 8081A
	56 a,p	(74 - 117)	23	(0-20)	SW846 8081A
Endosulfan sulfate	39 a	(71 - 126)			SW846 8081A
	54 a,p	(71 - 126)	32	(0-22)	SW846 8081A
Endrin	117 a	(71 - 114)			SW846 8081A
	61 a,p	(71 - 114)	63	(0-30)	SW846 8081A
Endrin aldehyde	26 a	(64 - 104)			SW846 8081A
	49 a,p	(64 - 104)	61	(0-29)	SW846 8081A
Endrin ketone	78	(74 - 120)			SW846 8081A
	59 a,p	(74 - 120)	28	(0-20)	SW846 8081A
gamma-BHC (Lindane)	53 a	(66 - 116)			SW846 8081A
	66	(66 - 116)	22	(0-24)	SW846 8081A
Heptachlor	53 a	(71 - 117)			SW846 8081A
	67 a,p	(71 - 117)	24	(0-18)	SW846 8081A
Heptachlor epoxide	47 a	(73 - 113)			SW846 8081A
	67 a,p	(73 - 113)	34	(0-18)	SW846 8081A
Methoxychlor	41 a	(66 - 117)			SW846 8081A
	62 a,p	(66 - 117)	40	(0-23)	SW846 8081A
alpha-Chlordane	46 a	(72 - 112)			SW846 8081A
	59 a,p	(72 - 112)	25	(0-18)	SW846 8081A
gamma-Chlordane	52 a	(71 - 114)			SW846 8081A
	64 a	(71 - 114)	21	(0-21)	SW846 8081A

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 **Work Order #...:** KANRF1A4-MS **Matrix.....:** SO
MS Lot-Sample #: I7K070182-004 KANRF1A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
	0.0	**(51 - 139)**	**0.0**	**(0-23)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(72 - 117)
	92	(72 - 117)
Tetrachloro-m-xylene	55 *	(68 - 120)
	65 *	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KANRF1A4-MS Matrix.....: SO
MS Lot-Sample #: I7K070182-004 KANRF1A5-MSD
Date Sampled...: 11/06/07 21:25 Date Received..: 11/07/07
Prep Date.....: 11/15/07 Analysis Date..: 11/21/07
Prep Batch #...: 7319509 Analysis Time..: 01:39
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,4'-DDD	ND	21.2	10.5	ug/kg	49 a		SW846 8081A
	ND	21.2	12.4	ug/kg	58 a	16	SW846 8081A
4,4'-DDE	ND	21.2	11.9	ug/kg	56 a		SW846 8081A
	ND	21.2	12.5	ug/kg	59 a	4.8	SW846 8081A
4,4'-DDT	ND	21.2	28.8	ug/kg	136 a		SW846 8081A
	ND	21.2	13.3	ug/kg	63 p	73	SW846 8081A
Aldrin	ND	21.2	9.55	ug/kg	45 a		SW846 8081A
	ND	21.2	13.1	ug/kg	62 a	31	SW846 8081A
alpha-BHC	ND	21.2	14.4	ug/kg	68		SW846 8081A
	ND	21.2	15.7	ug/kg	74	8.7	SW846 8081A
beta-BHC	ND	21.2	7.32	ug/kg	35 a		SW846 8081A
	ND	21.2	13.4	ug/kg	63 p	59	SW846 8081A
delta-BHC	ND	21.2	10.7	ug/kg	51 a		SW846 8081A
	ND	21.2	13.2	ug/kg	62 p	20	SW846 8081A
Dieldrin	ND	21.2	9.94	ug/kg	47 a		SW846 8081A
	ND	21.2	12.8	ug/kg	60 a	25	SW846 8081A
Endosulfan I	ND	21.2	9.32	ug/kg	44 a		SW846 8081A
	ND	21.2	11.8	ug/kg	56 a	24	SW846 8081A
Endosulfan II	ND	21.2	15.0	ug/kg	71 a		SW846 8081A
	ND	21.2	11.8	ug/kg	56 a,p	23	SW846 8081A
Endosulfan sulfate	ND	21.2	8.21	ug/kg	39 a		SW846 8081A
	ND	21.2	11.4	ug/kg	54 a,p	32	SW846 8081A
Endrin	ND	21.2	24.9	ug/kg	117 a		SW846 8081A
	ND	21.2	13.0	ug/kg	61 a,p	63	SW846 8081A
Endrin aldehyde	ND	21.2	5.57	ug/kg	26 a		SW846 8081A
	ND	21.2	10.5	ug/kg	49 a,p	61	SW846 8081A
Endrin ketone	ND	21.2	16.5	ug/kg	78		SW846 8081A
	ND	21.2	12.5	ug/kg	59 a,p	28	SW846 8081A
gamma-BHC (Lindane)	ND	21.2	11.2	ug/kg	53 a		SW846 8081A
	ND	21.2	13.9	ug/kg	66	22	SW846 8081A
Heptachlor	ND	21.2	11.2	ug/kg	53 a		SW846 8081A
	ND	21.2	14.3	ug/kg	67 a,p	24	SW846 8081A
Heptachlor epoxide	ND	21.2	10.0	ug/kg	47 a		SW846 8081A
	ND	21.2	14.2	ug/kg	67 a,p	34	SW846 8081A
Methoxychlor	ND	21.2	8.71	ug/kg	41 a		SW846 8081A
	ND	21.2	13.1	ug/kg	62 a,p	40	SW846 8081A
alpha-Chlordane	ND	21.2	9.79	ug/kg	46 a		SW846 8081A
	ND	21.2	12.5	ug/kg	59 a,p	25	SW846 8081A
gamma-Chlordane	ND	21.2	10.9	ug/kg	52 a		SW846 8081A
	ND	21.2	13.5	ug/kg	64 a	21	SW846 8081A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KANRF1A4-MS Matrix.....: SO
MS Lot-Sample #: I7K070182-004 KANRF1A5-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
	ND	**4100**		**ug/kg**	**0.0**	**0.0**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(72 - 117)
	92	(72 - 117)
Tetrachloro-m-xylene	55 *	(68 - 120)
	65 *	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KANQF1A3-MS Matrix.....: SO
MS Lot-Sample #: I7K070182-001 KANQF1A4-MSD
Date Sampled...: 11/05/07 14:14 Date Received..: 11/07/07
Prep Date.....: 11/15/07 Analysis Date..: 11/20/07
Prep Batch #...: 7319486 Analysis Time..: 03:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	91	(24 - 170)			SW846 8082
	90	(24 - 170)	4.5	(0-40)	SW846 8082
Aroclor 1260	38 a	(40 - 166)			SW846 8082
	41	(40 - 166)	4.0	(0-40)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(53 - 132)
	74	(53 - 132)
Decachlorobiphenyl	80	(38 - 162)
	80	(38 - 162)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7K070182 Work Order #...: KANQF1A3-MS Matrix.....: SO
MS Lot-Sample #: I7K070182-001 KANQF1A4-MSD
Date Sampled...: 11/05/07 14:14 Date Received..: 11/07/07
Prep Date.....: 11/15/07 Analysis Date..: 11/20/07
Prep Batch #...: 7319486 Analysis Time..: 03:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	83.8	76.5	ug/kg	91		SW846 8082
	ND	89.1	80.1	ug/kg	90	4.5	SW846 8082
Aroclor 1260	76	83.8	108	ug/kg	38 a		SW846 8082
	76	89.1	112	ug/kg	41	4.0	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(53 - 132)
	74	(53 - 132)
Decachlorobiphenyl	80	(38 - 162)
	80	(38 - 162)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 11/05/07 13:55 **Date Received..:** 11/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I7K070126-001 **Prep Batch #...:** 7317255							
						% Moisture.....: 26	
Mercury	95	(80 - 120)			SW846 7471A	11/13/07	KAM7T1A0
	87	(80 - 120)	15	(0-20)	SW846 7471A	11/13/07	KAM7T1A1

Dilution Factor: 0.86
Analysis Time..: 14:06

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 11/05/07 13:55 **Date Received..:** 11/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I7K070126-001 **Prep Batch #...:** 7317255									
								% Moisture.....: 26	
Mercury									
	0.029	0.196	0.217	mg/kg	95		SW846 7471A	11/13/07	KAM7T1A0
	0.029	0.179	0.186	mg/kg	87	15	SW846 7471A	11/13/07	KAM7T1A1
			Dilution Factor: 0.86						
			Analysis Time..: 14:06						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 10/30/07 **Date Received..:** 11/03/07

MS Lot-Sample #: I7K050137-001 **Prep Batch #...:** 7320111
% Moisture.....: 77

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	29 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01CR
	0.0 N	(80 - 120)	0.0	(0-20)	SW846 6020	11/12-11/17/07	KAJF01CT
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Antimony	133 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01CK
	1210 N,*	(80 - 120)	138	(0-20)	SW846 6020	11/12-11/17/07	KAJF01CL
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Arsenic	145 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01A2
	52 N,*	(80 - 120)	22	(0-20)	SW846 6020	11/12-11/17/07	KAJF01A3
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Barium	NC	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01CV
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/17/07	KAJF01CW
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Beryllium	115	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01A4
	105	(80 - 120)	15	(0-20)	SW846 6020	11/12-11/17/07	KAJF01A5
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Cadmium	127 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01A6
	69 N,*	(80 - 120)	25	(0-20)	SW846 6020	11/12-11/17/07	KAJF01A7
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Cobalt	108	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01A8
	95	(80 - 120)	17	(0-20)	SW846 6020	11/12-11/17/07	KAJF01A9
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Copper	NC	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01C0
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/17/07	KAJF01C1
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 Matrix.....: SOLID
Date Sampled...: 10/30/07 Date Received..: 11/03/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	32 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01C3
	0.0 N	(80 - 120)	0.0	(0-20)	SW846 6020	11/12-11/17/07	KAJF01C4
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Lead	NC	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01CH
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/17/07	KAJF01CJ
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Lithium	121 N	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01C6
	104	(80 - 120)	19	(0-20)	SW846 6020	11/12-11/17/07	KAJF01C7
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Manganese	NC	(80 - 120)			SW846 6020	11/12-11/19/07	KAJF01CD
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/19/07	KAJF01CE
		Dilution Factor: 8.62					
		Analysis Time..: 11:05					
Nickel	NC	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01CF
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/17/07	KAJF01CG
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Selenium	106	(80 - 120)			SW846 6020	11/12-11/19/07	KAJF01C9
	86 *	(80 - 120)	21	(0-20)	SW846 6020	11/12-11/19/07	KAJF01DA
		Dilution Factor: 8.62					
		Analysis Time..: 11:05					
Silver	113	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01A0
	62 N,*	(80 - 120)	21	(0-20)	SW846 6020	11/12-11/17/07	KAJF01A1
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					
Thallium	106	(80 - 120)			SW846 6020	11/12-11/19/07	KAJF01DG
	91	(80 - 120)	20	(0-20)	SW846 6020	11/12-11/19/07	KAJF01DH
		Dilution Factor: 8.62					
		Analysis Time..: 11:05					
Titanium	NC	(80 - 120)			SW846 6020	11/12-11/17/07	KAJF01DD
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/17/07	KAJF01DE
		Dilution Factor: 8.62					
		Analysis Time..: 20:44					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 10/30/07 **Date Received..:** 11/03/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	NC	(80 - 120)			SW846 6020	11/12-11/19/07	KAJF01DK
	NC	(80 - 120)		(0-20)	SW846 6020	11/12-11/19/07	KAJF01DL

Dilution Factor: 8.62
Analysis Time..: 11:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 10/30/07 **Date Received..:** 11/03/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I7K050137-001 **Prep Batch #...:** 7320111									
								% Moisture.....: 77	
Aluminum									
	19300	18900	24700 N	mg/kg	29		SW846 6020	11/12-11/17/07	KAJF01CR
	19300	17600	18100 N	mg/kg	0.0	0.0	SW846 6020	11/12-11/17/07	KAJF01CT
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Antimony									
	16.7	18.9	41.9 N	mg/kg	133		SW846 6020	11/12-11/17/07	KAJF01CK
	16.7	17.6	230 N,*	mg/kg	1210	138	SW846 6020	11/12-11/17/07	KAJF01CL
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Arsenic									
	64.7	18.9	92.2 N	mg/kg	145		SW846 6020	11/12-11/17/07	KAJF01A2
	64.7	17.6	73.8	mg/kg	52	22	SW846 6020	11/12-11/17/07	KAJF01A3
			Qualifiers: N,*						
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Barium									
	183	18.9	231 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CV
	183	17.6	173 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CW
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Beryllium									
	0.44	18.9	22.1	mg/kg	115		SW846 6020	11/12-11/17/07	KAJF01A4
	0.44	17.6	18.9	mg/kg	105	15	SW846 6020	11/12-11/17/07	KAJF01A5
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Cadmium									
	29.4	18.9	53.5 N	mg/kg	127		SW846 6020	11/12-11/17/07	KAJF01A6
	29.4	17.6	41.5	mg/kg	69	25	SW846 6020	11/12-11/17/07	KAJF01A7
			Qualifiers: N,*						
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 10/30/07 **Date Received..:** 11/03/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	3.0	18.9	23.4	mg/kg	108		SW846 6020	11/12-11/17/07	KAJF01A8
	3.0	17.6	19.7	mg/kg	95	17	SW846 6020	11/12-11/17/07	KAJF01A9
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Copper									
	318	18.9	379 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01C0
	318	17.6	270 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01C1
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Iron									
	28900	18900	35000 N	mg/kg	32		SW846 6020	11/12-11/17/07	KAJF01C3
	28900	17600	26700 N	mg/kg	0.0	0.0	SW846 6020	11/12-11/17/07	KAJF01C4
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Lead									
	521	18.9	604 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CH
	521	17.6	430 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CJ
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Lithium									
	2.9	18.9	25.8 N	mg/kg	121		SW846 6020	11/12-11/17/07	KAJF01C6
	2.9	17.6	21.2	mg/kg	104	19	SW846 6020	11/12-11/17/07	KAJF01C7
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Manganese									
	392	18.9	453 NC	mg/kg			SW846 6020	11/12-11/19/07	KAJF01CD
	392	17.6	339 NC	mg/kg			SW846 6020	11/12-11/19/07	KAJF01CE
			Dilution Factor: 8.62						
			Analysis Time..: 11:05						
Nickel									
	79.5	18.9	116 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CF
	79.5	17.6	86.8 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01CG
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I7K070182 **Matrix.....:** SOLID
Date Sampled...: 10/30/07 **Date Received..:** 11/03/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	6.5	18.9	26.6	mg/kg	106		SW846 6020	11/12-11/19/07	KAJF01C9
	6.5	17.6	21.6 *	mg/kg	86	21	SW846 6020	11/12-11/19/07	KAJF01DA
			Dilution Factor: 8.62						
			Analysis Time..: 11:05						
Silver									
	6.6	3.78	10.8	mg/kg	113		SW846 6020	11/12-11/17/07	KAJF01A0
	6.6	3.51	8.74	mg/kg	62	21	SW846 6020	11/12-11/17/07	KAJF01A1
			Qualifiers: N,*						
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Thallium									
	1.6	18.9	21.7	mg/kg	106		SW846 6020	11/12-11/19/07	KAJF01DG
	1.6	17.6	17.7	mg/kg	91	20	SW846 6020	11/12-11/19/07	KAJF01DH
			Dilution Factor: 8.62						
			Analysis Time..: 11:05						
Titanium									
	312	18.9	379 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01DD
	312	17.6	344 NC	mg/kg			SW846 6020	11/12-11/17/07	KAJF01DE
			Dilution Factor: 8.62						
			Analysis Time..: 20:44						
Zinc									
	2750	18.9	3130 NC	mg/kg			SW846 6020	11/12-11/19/07	KAJF01DK
	2750	17.6	2230 NC	mg/kg			SW846 6020	11/12-11/19/07	KAJF01DL
			Dilution Factor: 8.62						
			Analysis Time..: 11:05						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

NC The recovery and/or RPD were not calculated.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7K070182 **Work Order #...:** KAKM8-SMP KAKM8-DUP **Matrix.....:** SOLID

Date Sampled...: 11/02/07 14:00 **Date Received..:** 11/06/07

% Moisture.....: 24

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	I7K060110-004	
	23.8	23.6	%	0.84	(0-20)	ASTM D 2216-90	11/14/07	7318441

Dilution Factor: 1 Analysis Time..: 15:42

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K070182

CHECKED/RECEIVED BY: [illegible]

COC NUMBER:

DATE/TIME RECEIVED: 11/17/07 08:00

QUOTE/PROFILE: 74895

UNPACKED DATE/TIME: 11/17/07 09:00

Send Pest/PCB's to Denver also login moisture

CLIENT/PROJECT: EA Engineering

SAMPLES LOGGED IN: CC

LOG-IN REVIEWED: [illegible]

Number of Shipping Containers Received with Chain of Custody: 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: CC

Container Sealed: ☑ YES ☐ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO

Packing Material Used: (circle)

None / Absorbent / Paper / Bubble Wrap

Samples Received Match Chain: ☐ YES ☐ NO

Other Equipment Received: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: CC **IR THERMOMETER #:** ☑ P4 ☐ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor [*acceptable tolerance 4°C ± 2°*]

TB ☐ SC ☑ Initial 3.5-0 CF 0	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 3.5	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☑ VOA Samples **VERIFIED BY:** CC

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

TestAmerica
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CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K070182

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: ae

Samples received match COC: ☑ YES ☐ NO
See additional discrepancies/comments section: ☑ YES ☐ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
VOA trip blanks included: ☑ YES ☐ NO ☐ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____
Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Did not received 2x40ml Trip Blank
2= 2X120ml Jar
8= 2X120ml 3x40ml Methanol 2x40ml Sodium Bisulfate, 2x60ml Jar

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____
Client's Name: _____ Informed verbally on: _____ By: _____
Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:
Project Management: Neal Sabler Date: 11/9/07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

U85664

STL

I7K070182

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: EA Engineering	PROJECT NAME/NUMBER: 1434206
SEND REPORT TO: Luis Vega	BILLING INFORMATION
ADDRESS: 405 S. Highway 121 Bypass Bldg C Suite 100 Lewisville, TX 75067	BILL TO: EA Engineering ADDRESS: 405 S. Highway 121 Bypass Lewisville, TX 75067
PHONE: 972-315-3922	PHONE: 972-315-3922
FAX:	FAX: PO NO:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	PCB / M8082	SVOCs / M8270C	Metals / M6010B	Metals/M7471A	VOCs/M8260B	Pesticides/M8081A			REMARKS/PRECAUTIONS
1	L20SB030-0.5-EPA	11-5-07	1414	Soil	Glass	None	2	X	X	X	X					3.5C 11-7-07 CC
2	L20SB031-2-EPA	11-5-07	1417	Soil	Glass	None	2	X	X	X	X					
3	L20SB060-0.5-EPA	11-5-07	1453	Soil	Glass	None	2	X	X	X	X					
4	SB2020-0.5-EPA	11-6-07	0925	Soil	Glass	None	2	X	X	X	X		X			
~~5~~	~~SB2041.5-2-EPA~~	~~11-6-07~~	~~1100~~	~~Soil~~	~~Glass~~		~~2~~									NE
5	SB2041.5-2EPA	11-6-07	1100	Soil	Glass	Methanol Sodium Bisulf	8		X			X	X			
	~~Trip Blank~~															AF

SAMPLER: A.Ballweg/E.Pastor/L.Mason

SHIPMENT METHOD: FedEx

AIRBILL NO.: 863572032255

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: April Ballweg	11-6-07	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: April Ballweg/EA Engineering	TIME 1255	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	1. RECEIVED BY:	DATE	1. RECEIVED BY:	DATE
SIGNATURE:	11-7-07	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Curtis Creamer/TA	TIME 0811	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

STL8222H-600 (08

STL Houston
6310 Rothway Drive
Houston, TX 77040

MAR 15 2007

Calibration Table Report																		
Method: C70314S.M																		
Title: EPA Method 8260B Calibration Curve 5mL Soil																		
Last Calibration: Thu Mar 15 14:45:04 2007																		
Calibration Files																		
	5	10	20	50	75	100	200	5A	10A	20A	50A	75A	100A	200A	Avg	%RSD	LR	QR
	C314704.D	C314705.D	C314712.D	C314707.D	C314708.D	C314709.D	C314710.D	C314713.D	C314722.D	C314715.D	C314716.D	C314717.D	C314718.D	C314719.D			≥0.995	≥0.990
Compound																		
Fluorobenzene (IS)	ISTD																	
Dichlorodifluoromethane								✓	0.229	0.232	0.273	0.243	0.242	0.282	0.250	8.775		
Chloromethane (SPCC)								0.324	0.335	0.305	0.347	0.316	0.317	0.343	✓0.327	4.749		
Vinyl Chloride (CCC)								0.305	0.312	0.292	0.333	0.302	0.304	0.336	0.312	5.328	✓	
Ethylene Oxide	0.078	0.095	0.076	0.083	0.081	0.088	0.079								0.083	8.004		
Bromomethane								0.184	0.189	0.176	0.195	0.176	0.177	0.194	0.184	4.557		
Chloroethane								0.219	0.220	0.197	0.214	0.187	0.188	0.215	0.206	7.120		
Ethanol	0.004	0.005	0.004	0.005	0.005	0.005	0.005								0.005	7.278		
Trichlorofluoromethane								0.386	0.400	0.373	0.418	0.370	0.337	0.393	0.382	6.724		
Acrolein	0.028	0.037	0.032	0.038	0.036	0.033	0.030								0.033	10.641		
Propylene oxide	0.071	0.086	0.070	0.073	0.075	0.067	0.059								0.072	11.587		
Acetonitrile	0.029	0.032	0.024	0.026	0.025	0.022	0.019								0.025	16.399		
Acetone	0.124	0.129	0.099	0.118	0.133	0.106	0.084								0.113	15.497		
Diethyl ether								0.221	0.239	0.243	0.249	0.238	0.250	0.219	0.237	5.332		
Iodomethane								0.396	0.404	0.371	0.408	0.363	0.362	0.318	0.375	8.391		
1,1-Dichloroethene (CCC)	0.212	0.254	0.207	0.215	0.215	0.251	0.169								0.218	13.193	✓	
Bromoethane								0.180	0.181	0.170	0.186	0.167	0.168	0.150	0.172	7.042		
1,1,2-Trichlorotrifluoroethane								0.227	0.235	0.217	0.239	0.215	0.214	0.191	0.220	7.240		
Carbon Disulfide								0.755	0.776	0.713	0.796	0.702	0.711	0.636	0.727	7.400		
Acrylonitrile	0.124	0.145	0.114	0.127	0.123	0.132	0.121								0.127	7.791		
3-Chloropropene								0.518	0.510	0.477	0.538	0.480	0.482	0.348	0.479	12.995		
Methylene Chloride	0.231	0.278	0.232	0.232	0.230	0.263	0.231								0.242	8.175		
Methyl Acetate								0.348	0.323	0.299	0.313	0.303	0.291	0.210	0.298	14.424		
t-Butanol	0.045	0.050	0.033	0.045	0.046	0.048	0.045								0.044	11.782		
Allyl Alcohol (NC)																		
trans-1,2-Dichloroethene	0.225	0.274	0.224	0.229	0.230	0.267	0.229								0.240	8.889		

	5	10	20	50	75	100	200	5A	10A	20A	50A	75A	100A	200A	Avg	%RSD	LR	QR
	C314704.D	C314705.D	C314712.D	C314707.D	C314708.D	C314709.D	C314710.D	C314713.D	C314722.D	C314715.D	C314716.D	C314717.D	C314718.D	C314719.D			≥0.995	≥0.990
Methyl t-Butyl Ether								0.714	0.777	0.725	0.754	0.765	0.694	0.755	0.740	4.057		
Propanenitrile	0.050	0.056	0.045	0.052	0.051	0.051	0.050								0.051	6.135		
1,1-Dichloroethane (SPCC)	0.444	0.527	0.436	0.442	0.440	0.511	0.437								0.462 ✓	8.461		
Vinyl Acetate	0.564	0.658	0.563	0.591	0.601	0.673	0.618								0.610	7.067		
2-Chloro-1,3-Butadiene								0.187	0.192	0.180	0.204	0.181	0.184	0.201	0.190	4.935		
Hexane								0.482	0.487	0.463	0.519	0.458	0.456	0.572	0.491	8.559		
Methyl Ethyl Ketone	0.200	0.219	0.163	0.145	0.169	0.157	0.164								0.174	15.057		
Methacrylonitrile	0.121	0.142	0.112	0.121	0.119	0.130	0.118								0.123	7.793		
Isopropyl Ether								1.122	1.137	1.038	1.177	1.052	0.994	1.108	1.090	5.862		
cis-1,2-Dichloroethene	0.245	0.293	0.242	0.246	0.245	0.284	0.238								0.256	8.697		
2,2-Dichloropropane	0.332	0.399	0.323	0.334	0.333	0.392	0.337								0.350	9.012		
Bromochloromethane	0.148	0.173	0.145	0.148	0.147	0.167	0.147								0.154	7.511		
Chloroform (CCC)	0.378	0.448	0.367	0.375	0.376	0.431	0.376								0.393	8.262	✓	
Ethyl Acetate								0.325	0.309	0.279	0.319	0.287	0.274	0.300	0.299	6.658		
Dibromofluoromethane (Surr)	0.228	0.267	0.228	0.230	0.230	0.266	0.231								0.240	7.475		
Tetrahydrofuran								0.126	0.120	0.103	0.110	0.107	0.100	0.116	0.112	8.259		
Isobutyl Alcohol	0.024	0.026	0.020	0.023	0.022	0.023	0.022								0.023	7.957		
1,2-Dichloroethane-d4 (Surr)	0.148	0.171	0.140	0.143	0.143	0.162	0.144								0.150	7.713		
1,1,1-Trichloroethane	0.320	0.380	0.310	0.318	0.324	0.378	0.325								0.336	8.752		
1,2-Dichloroethane	0.322	0.380	0.325	0.328	0.327	0.373	0.333								0.341	7.187		
1,1-Dichloropropene	0.314	0.381	0.307	0.318	0.325	0.377	0.322								0.335	9.145		
Cyclohexane								0.534	0.536	0.506	0.563	0.501	0.505	0.557	0.529	4.826		
Benzene	0.975	1.141	0.933	0.951	0.953	1.101	0.928								0.997	8.667		
Carbon Tetrachloride	0.261	0.310	0.252	0.260	0.265	0.317	0.267								0.276	9.475		
n-Butanol	✓	0.013	0.009	0.010	0.011	0.012	0.013								0.012	12.661		
1,2-Dichloropropane (CCC)	0.276	0.323	0.269	0.277	0.277	0.317	0.273								0.287	7.840	✓	
Trichloroethene	0.268	0.313	0.256	0.263	0.265	0.304	0.256								0.275	8.498		
Dibromomethane	0.143	0.164	0.138	0.143	0.143	0.162	0.145								0.148	6.982		
Heptane								0.570	0.578	0.557	0.636	0.562	0.555	0.618	0.582	5.502		
2-Nitropropane								0.033	0.039	0.028	0.036	0.033	0.031	0.035	0.034	10.852		
Bromodichloromethane	0.293	0.345	0.293	0.301	0.307	0.356	0.318								0.316	7.997		
1,4-Dioxane	0.003	0.004	0.003	0.004	0.004	0.004	0.004								0.004	10.635		
Methyl Methacrylate	0.198	0.224	0.193	0.209	0.212	0.233	0.221								0.213	6.780		
Methyl Cyclohexane								0.501	0.512	0.478	0.535	0.478	0.474	0.506	0.498	4.547		

	5	10	20	50	75	100	200	5A	10A	20A	50A	75A	100A	200A	Avg	%RSD	LR	QR
	C314704.D	C314705.D	C314712.D	C314707.D	C314708.D	C314709.D	C314710.D	C314713.D	C314722.D	C314715.D	C314716.D	C314717.D	C314718.D	C314719.D			≥0.995	≥0.990
Epichlorohydrin	0.040	0.046	0.036	0.041	0.041	0.044	0.042								0.041	8.083		
1-Bromo-2-Chloroethane								0.424	0.406	0.374	0.432	0.393	0.387	0.419	0.405	5.275		
2-Chloroethyl Vinyl Ether	0.115	0.131	0.113	0.120	0.123	0.135	0.125								0.123	6.656		
cis-1,3-Dichloropropene	0.416	0.495	0.422	0.429	0.436	0.499	0.443								0.449	7.687		
4-Methyl-2-Pentanone	0.375	0.428	0.356	0.390	0.381	0.411	0.393								0.391	6.075		
4-Methyl-2-pentanol (MIBC)	✓	0.009	0.009	0.012	0.014	0.015	✓								0.012	24.092	0.995	✓
Toluene-d8 (Surr)	0.983	1.136	0.939	0.971	0.980	1.132	0.968								1.016	8.090		
Chlorobenzene-d5 (IS)	ISTD																	
trans-1,3-Dichloropropene	1.642	1.778	1.546	1.694	1.718	1.796	1.699								1.696	4.971		
Toluene (CCC)	2.979	3.229	2.686	2.925	2.978	3.111	2.815								2.960	6.065	✓	
1,1,2-Trichloroethane	0.980	1.031	0.863	0.965	0.969	0.991	0.951								0.964	5.336		
1,3-Dichloropropane	1.723	1.861	1.563	1.725	1.743	1.794	1.724								1.733	5.234		
Ethyl Methacrylate	1.365	1.523	1.375	1.602	1.653	1.698	1.691								1.558	9.089		
2-Hexanone	1.155	1.242	1.006	1.191	1.208	1.184	1.228								1.173	6.754		
Dibromochloromethane	0.876	0.970	0.843	0.923	0.954	1.028	1.011								0.943	7.194		
1,2-Dibromoethane	0.909	1.022	0.845	0.942	0.954	0.974	0.950								0.942	5.832		
Tetrachloroethene	0.957	1.045	0.860	0.945	0.958	1.018	0.925								0.958	6.333		
Chlorobenzene (SPCC)	3.275	3.533	2.968	3.197	3.247	3.410	3.186								3.259 ✓	5.491		
1,1,1,2-Tetrachloroethane	0.896	1.019	0.875	0.947	0.978	1.058	1.022								0.971	7.024		
1-Chlorohexane								1.489	1.625	1.564	1.640	1.609	1.607	1.625	1.594	3.276		
Ethylbenzene (CCC)	1.703	1.879	1.568	1.724	1.771	1.865	1.733								1.749	6.029	✓	
m&p-Xylene	2.168	2.364	1.972	2.162	2.201	2.320	2.107								2.185	5.986		
Bromoform (SPCC)	0.497	0.538	0.492	0.544	0.574	0.641	0.662								0.564 ✓	11.809		
Styrene	3.332	3.788	3.230	3.562	3.644	3.826	3.621								3.572	6.186		
o-Xylene	2.146	2.335	1.964	2.118	2.158	2.264	2.125								2.159	5.458		
1,1,2,2-Tetrachloroethane (SPCC)	1.263	1.368	1.128	1.300	1.302	1.331	1.358								1.293 ✓	6.276		
1,2,3-Trichloropropane	1.117	1.172	0.980	1.116	1.117	1.135	1.159								1.114	5.656		
1,4-Bromofluorobenzene (Surr)	1.776	1.884	1.610	1.723	1.731	1.830	1.733								1.756	4.982		
Isopropylbenzene	5.372	6.006	4.911	5.422	5.553	5.876	5.488								5.518	6.480		
1,4-Dichlorobenzene-d4 (IS)	ISTD																	
Bromobenzene	0.889	0.954	0.815	0.861	0.875	0.913	0.865								0.882	4.984		
trans-1,4-Dichloro-2-butene								0.189	0.191	0.174	0.184	0.190	0.184	0.191	0.186	3.325		
2-Chlorotoluene	0.878	0.962	0.791	0.851	0.861	0.908	0.855								0.872	6.071		
n-Propylbenzene	1.052	1.163	0.962	1.035	1.069	1.127	1.046								1.065	6.111		

	5	10	20	50	75	100	200	5A	10A	20A	50A	75A	100A	200A	Avg	%RSD	LR	QR
	C314704.D	C314705.D	C314712.D	C314707.D	C314708.D	C314709.D	C314710.D	C314713.D	C314722.D	C314715.D	C314716.D	C314717.D	C314718.D	C314719.D			≥0.995	≥0.990
4-Chlorotoluene	0.884	0.981	0.817	0.870	0.891	0.937	0.887								0.895	5.781		
3-Ethyltoluene								3.364	3.601	3.436	3.472	3.485	3.511	3.501	3.482	2.080		
1,3,5-Trimethylbenzene	3.029	3.335	2.785	3.037	3.100	3.281	3.137								3.101	5.853		
2-Ethyltoluene								3.610	3.799	3.487	3.546	3.546	3.560	3.504	3.579	2.932		
1,2,4-Trimethylbenzene	3.016	3.371	2.811	3.038	3.096	3.290	3.115								3.105	5.931		
tert-Butylbenzene	3.090	3.386	2.777	3.032	3.106	3.285	3.085								3.109	6.222		
Pentachloroethane								0.320	0.348	0.361	0.365	0.381	0.352	0.340	0.353	5.506		
1,3-Dichlorobenzene	1.684	1.854	1.578	1.664	1.708	1.798	1.697								1.712	5.260		
sec-Butylbenzene	3.897	4.330	3.534	3.863	3.985	4.248	4.030								3.984	6.614		
1,4-Dichlorobenzene	1.716	1.867	1.572	1.673	1.705	1.810	1.675								1.717	5.624		
Benzyl chloride								1.291	1.348	1.206	1.360	1.420	1.428	1.505	1.365	7.192		
p-Isopropyltoluene	3.218	3.609	3.048	3.343	3.467	3.697	3.465								3.407	6.572		
1,2-Dichlorobenzene	1.583	1.703	1.488	1.573	1.595	1.674	1.531								1.593	4.718		
n-Butylbenzene	2.782	3.185	2.711	2.982	3.088	3.320	3.046								3.016	7.108		
1,2-Dibromo-3-chloropropane	0.136	0.161	0.137	0.163	0.168	0.174	0.182								0.160	11.029		
1,2,4-Trichlorobenzene	0.784	0.915	0.855	0.901	0.970	1.029	0.955								0.916	8.749		
Naphthalene	1.450	1.683	1.686	1.881	2.012	2.058	1.867								1.805	11.788		
1,2,3-Trichlorobenzene	0.369	0.461	0.497	0.534	0.558	0.569	0.408								0.485	15.732		
Hexachlorobutadiene	0.632	0.674	0.577	0.600	0.619	0.662	0.600								0.624	5.600		
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