



July 08, 2011

Mr. Robert E. McPeak
Energy Solutions, LLC
100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811

Re: Energy Solution (GELP11-0764)
Work Order: 281060

Dear Mr. McPeak:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on July 02, 2011. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4707.

Sincerely,

LaToya Hughes
Project Manager

Purchase Order: 614762
Enclosures

Chain of Custody

Page: 1 of 1
Project #: 137116.300.0001
GEL Quote #: GELP11-0764
COC Number (1):
PO Number:

GEL Chain of Custody and Analytical Request
See www.gel.com for GEL's Sample Acceptance SOP
GEL Work Order Number: 281060

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: Energy Solutions
Project/Site Name: SEFOR - 137116
Address: 100 Mill Plain Rd Danbury, CT 06811
Collected by: Jerry Snellings
Results: Jerry Touney, GTouney@energysolutions.com

Phone #: 801-303-1092
Fax #:

Sample ID
* For composites - indicate start and stop date/time

*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (3)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered:	TSCA Regulated	Total number of containers	Sample Analysis Requested (5) (Fill in the number of containers for each test)	Preservative Type (6)	Comments
7/1/2011	1410	N	N	Aq	X		6	Diesel Range 8015B	4	Note: extra sample is required for sample specific QC
7/1/2011	1450	N	N	Aq	X		6	Metals EPA 200.8	2	
								Mercury 245.1	2	
								Tritium 906 MOD	2	
								Gamma Scan 901 MOI	2	

TAT Requested: Normal: Rush: Specify: 3 DAY (Subject to Surcharge) Fax Results: Yes / No
Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: Are there any known hazards applicable to these samples? If so, please list the hazards. The samples will be sent out of Friday for Saturday delivery, the chain is being sent prior to so that the 3 day TAT can be achieved.

Sample Collection Time Zone
Eastern Pacific Other
Central Mountain

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
	7-1-11	1654		7-2-11	0900

Method of Shipment: FEDEX
Airbill #: 3
Airbill #:

Sample Shipping and Delivery Details

1.) Chain of Custody Number = Client Determined
2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite
3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.
4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal
5.) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).
6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

For Lab Receiving Use Only
Custody Seal Intact?
YES NO
Cooler Temp:
6 C

SAMPLE RECEIPT & REVIEW FORM

Client: <u>ENRG</u>		SDG/AR/COC/Work Order: <u>281060</u>	
Received By: <u>Greg Tyler</u>		Date Received: <u>7-2-11</u>	
Suspected Hazard Information	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	*If Counts > x2 area background on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.	
COC/Samples marked as radioactive?	<input checked="" type="checkbox"/>	Maximum Counts Observed*: <u>60 cpm</u>	
Classified Radioactive II or III by RSO?	<input checked="" type="checkbox"/>		
COC/Samples marked containing PCBs?	<input checked="" type="checkbox"/>		
Shipped as a DOT Hazardous?	<input checked="" type="checkbox"/>	Hazard Class Shipped: UN#:	
Samples identified as Foreign Soil?	<input checked="" type="checkbox"/>		

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2 Samples requiring cold preservation within (0 ≤ 6 deg. C)?	<input checked="" type="checkbox"/>			Preservation Method: Ice bags <u>Blue ice</u> Dry ice None Other (describe) <u>6°C</u>
2a Daily check performed and passed on IR temperature gun?	<input checked="" type="checkbox"/>			Temperature Device Serial #: <u>61524649</u> Secondary Temperature Device Serial # (If Applicable):
3 Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>			
4 Sample containers intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6 VOA vials free of headspace (defined as < 6mm bubble)?		<input checked="" type="checkbox"/>		Sample ID's and containers affected:
7 Are Encore containers present?		<input checked="" type="checkbox"/>		(If yes, immediately deliver to Volatiles laboratory)
8 Samples received within holding time?	<input checked="" type="checkbox"/>			ID's and tests affected:
9 Sample ID's on COC match ID's on bottles?	<input checked="" type="checkbox"/>			Sample ID's and containers affected:
10 Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>			Sample ID's affected:
11 Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>			Sample ID's affected:
12 Are sample containers identifiable as GEL provided?	<input checked="" type="checkbox"/>			
13 COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>			
14 Carrier and tracking number.				Circle Applicable: <u>FedEx Air</u> FedEx Ground UPS Field Services Courier Other <u>8736 0863 4271</u>

Comments (Use Continuation Form if needed):

Laboratory Certifications

List of current GEL Certifications as of 07 July 2011

State	Certification
Arkansas	88-0651
CLIA	42D0904046
California – NELAP	01151CA
Colorado	E87156 (FL/NELAP)
Connecticut	PH-0169
DoD ELAP – A2LA	2567.01
Florida – NELAP	E87156
Foreign Soils Permit USDA	P330-09-00191
Georgia	E87156 (FL/NELAP)
Georgia SDWA	967
Hawaii	E87156 (FL/NELAP)
ISO 17025	2567.01
Idaho	SC00012
Illinois – NELAP	200029
Indiana	C-SC-01
Kansas – NELAP	E-10332
Kentucky	90129
Louisiana – NELAP	03046 (A133904)
Louisiana SDWA	LA110006
Maryland	270
Massachusetts	M-SC012
Mississippi	E87156 (FL/NELAP)
Nevada	SC00012
New Hampshire	2054
New Jersey – NELAP	SC002
New Mexico	E87156 (FL/NELAP)
New York – NELAP	11501
North Carolina	233
North Carolina DW	45709
Oklahoma	9904
Pennsylvania – NELAP	68-00485
South Carolina	10120001/10120002
Tennessee	TN 02934
Texas – NELAP	T104704235-10-3
Utah – NELAP	SC00012
Vermont	VT87156
Virginia	00151
Washington	C780
Wisconsin	999887790

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 – (843) 556-8171 – www.gel.com

Certificate of Analysis Report for

ENRG039 Energy Solutions, LLC (GELP11-0764)

Client SDG: 281060 GEL Work Order: 281060

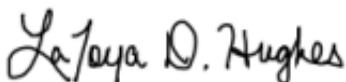
The Qualifiers in this report are defined as follows:

- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- H Analytical holding time was exceeded
- J Value is estimated
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the detection limit.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, LaToya Hughes.



Reviewed by _____

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT001
Sample ID: 281060001
Matrix: Water
Collect Date: 01-JUL-11 14:10
Receive Date: 02-JUL-11
Collector: Client

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Diesel Range Organics											
3510C/8015B DRO Liquid "As Received"											
Diesel Range Organics		0.555	0.0613	0.189	mg/L	1	KXR2	07/05/11	2315	1118453	1
Electrode Analysis											
SM 4500-H B pH "As Received"											
pH at Temp 18.3C	H	8.94	0.010	0.100	SU	1	LXA1	07/05/11	1151	1118548	2
Mercury Analysis-CVAA											
EPA 245 Mercury "As Received"											
Mercury		0.256	0.066	0.200	ug/L	1	JXL1	07/06/11	1033	1118468	3
Metals Analysis-ICP-MS											
200.2/200.8 Silver Liquid "As Received"											
Arsenic		6.43	1.70	5.00	ug/L	1	BAJ	07/06/11	1413	1118356	4
Beryllium	U	-0.008	0.200	0.500	ug/L	1					
Cadmium		23.0	0.110	1.00	ug/L	1					
Chromium		35.1	2.00	10.0	ug/L	1					
Copper		39.7	0.350	1.00	ug/L	1					
Lead		1710	0.500	2.00	ug/L	1					
Nickel		13.5	0.500	2.00	ug/L	1					
Selenium	U	0.607	1.50	5.00	ug/L	1					
Silver	J	0.371	0.200	1.00	ug/L	1					
Thallium	U	0.007	0.450	2.00	ug/L	1					
Antimony	J	1.86	1.00	3.00	ug/L	1	PRB	07/06/11	1645	1118356	5
Rad Gamma Spec Analysis											
Gammaspec, Gamma, Liquid (Standard List) "As Received"											
Actinium-228	U	6.93E-09	2.02E-08		uCi/mL		MJH1	07/03/11	0857	1118318	6
Americium-241	U	1.63E-10	7.89E-09		uCi/mL						
Antimony-124	U	1.29E-09	1.27E-08		uCi/mL						
Antimony-125	U	-6.89E-09	1.07E-08		uCi/mL						
Barium-133	U	-4.08E-09	5.13E-09		uCi/mL						
Barium-140	U	1.29E-09	1.98E-08		uCi/mL						
Beryllium-7	U	6.81E-09	4.04E-08		uCi/mL						
Bismuth-212	U	-1.19E-08	7.01E-08		uCi/mL						
Bismuth-214	U	1.36E-08	1.41E-08		uCi/mL						
Cerium-139	U	-3.23E-10	4.01E-09		uCi/mL						
Cerium-141	U	-1.38E-10	6.38E-09		uCi/mL						
Cerium-144	U	-3.26E-09	2.74E-08		uCi/mL						
Cesium-134	U	-8.60E-10	4.95E-09		uCi/mL						
Cesium-136	U	-3.81E-09	6.79E-09		uCi/mL						

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Certificate of Analysis

Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT001
Sample ID: 281060001

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis											
Gammaspec, Gamma, Liquid (Standard List) "As Received"											
Cesium-137	U	-7.06E-09	7.50E-09	10.0	uCi/mL						
Chromium-51	U	1.07E-08	4.08E-08		uCi/mL						
Cobalt-56	U	6.00E-10	5.31E-09		uCi/mL						
Cobalt-57	U	1.46E-09	3.66E-09		uCi/mL						
Cobalt-58	U	2.24E-09	4.94E-09		uCi/mL						
Cobalt-60	U	1.48E-09	7.17E-09		uCi/mL						
Europium-152	U	1.78E-09	1.47E-08		uCi/mL						
Europium-154	U	-3.34E-09	1.21E-08		uCi/mL						
Europium-155	U	-2.16E-10	1.25E-08		uCi/mL						
Iridium-192	U	3.81E-11	4.52E-09		uCi/mL						
Iron-59	U	2.47E-09	1.03E-08		uCi/mL						
Lead-210	U	-4.11E-08	1.09E-07		uCi/mL						
Lead-212	U	8.57E-09	9.85E-09		uCi/mL						
Lead-214	U	8.48E-09	1.25E-08		uCi/mL						
Manganese-54	U	-2.02E-11	4.24E-09		uCi/mL						
Mercury-203	U	-1.20E-09	4.49E-09		uCi/mL						
Neodymium-147	U	-1.56E-08	3.54E-08		uCi/mL						
Neptunium-239	U	-2.44E-09	3.57E-08		uCi/mL						
Niobium-94	U	-9.39E-10	4.69E-09		uCi/mL						
Niobium-95	U	-1.57E-09	5.28E-09		uCi/mL						
Potassium-40		1.17E-07	4.99E-08		uCi/mL						
Promethium-144	U	1.60E-09	5.37E-09		uCi/mL						
Promethium-146	U	3.06E-09	6.83E-09		uCi/mL						
Radium-228	U	6.93E-09	2.02E-08		uCi/mL						
Ruthenium-106	U	-5.42E-11	3.85E-08		uCi/mL						
Silver-110m	U	-3.38E-09	5.01E-09		uCi/mL						
Sodium-22	U	-1.30E-09	4.14E-09		uCi/mL						
Thallium-208	U	-6.72E-10	6.03E-09		uCi/mL						
Thorium-234	U	-4.54E-08	1.15E-07		uCi/mL						
Tin-113	U	-2.15E-10	5.62E-09		uCi/mL						
Uranium-235	U	8.44E-10	2.96E-08		uCi/mL						
Uranium-238	U	-4.54E-08	1.15E-07		uCi/mL						
Yttrium-88	U	6.18E-10	6.03E-09		uCi/mL						
Zinc-65	U	-1.30E-09	1.26E-08		uCi/mL						
Zirconium-95	U	-1.14E-09	8.60E-09		uCi/mL						

Rad Liquid Scintillation Analysis

LSC, Tritium Dist, Liquid "As Received"

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT001
Sample ID: 281060001

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis											
LSC, Tritium Dist, Liquid "As Received"											
Tritium		0.000178	5.50E-07	700	uCi/mL		GXR1	07/05/11	1246	1118472	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	07/05/11	1730	1118355
EPA 245.1/245.2 Prep	EPA 245 Mercury	TXB3	07/05/11	1330	1118466
SW846 3510C	3510C DRO IN LIQ PREP	RXC1	07/05/11	1040	1118452

The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	SW846 8015A/B SVOC		
2	SM 4500-H B		
3	EPA 245.1/245.2		
4	EPA 200.8		
5	EPA 200.8		
6	EPA 901.1		
7	EPA 906.0 Modified		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
o-Terphenyl	3510C/8015B DRO Liquid "As Received"	0.011 mg/L	0.0189	58.1	(30%-118%)

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Certificate of Analysis

Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT002
Sample ID: 281060002
Matrix: Water
Collect Date: 01-JUL-11 14:50
Receive Date: 02-JUL-11
Collector: Client

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Diesel Range Organics											
3510C/8015B DRO Liquid "As Received"											
Diesel Range Organics		0.674	0.0625	0.192	mg/L	1	KXR2	07/06/11	0105	1118453	1
Electrode Analysis											
SM 4500-H B pH "As Received"											
pH at Temp 19.1C	H	8.00	0.010	0.100	SU	1	LXA1	07/05/11	1223	1118548	2
Mercury Analysis-CVAA											
EPA 245 Mercury "As Received"											
Mercury	J	0.191	0.066	0.200	ug/L	1	JXL1	07/06/11	1039	1118468	3
Metals Analysis-ICP-MS											
200.2/200.8 Silver Liquid "As Received"											
Arsenic		8.11	1.70	5.00	ug/L	1	BAJ	07/06/11	1437	1118356	4
Beryllium	U	-0.001	0.200	0.500	ug/L	1					
Cadmium		14.4	0.110	1.00	ug/L	1					
Chromium		24.9	2.00	10.0	ug/L	1					
Copper		40.1	0.350	1.00	ug/L	1					
Lead		340	0.500	2.00	ug/L	1					
Nickel		10.8	0.500	2.00	ug/L	1					
Selenium	U	0.513	1.50	5.00	ug/L	1					
Silver	J	0.809	0.200	1.00	ug/L	1					
Thallium	U	0.017	0.450	2.00	ug/L	1					
Antimony	J	1.90	1.00	3.00	ug/L	1	PRB	07/06/11	1656	1118356	5
Rad Gamma Spec Analysis											
Gammaspec, Gamma, Liquid (Standard List) "As Received"											
Actinium-228	U	-3.94E-09	1.91E-08		uCi/mL		MJH1	07/03/11	0858	1118318	6
Americium-241	U	-5.45E-09	2.13E-08		uCi/mL						
Antimony-124	U	-2.97E-09	1.23E-08		uCi/mL						
Antimony-125	U	-7.97E-09	1.60E-08		uCi/mL						
Barium-133	U	-4.99E-09	7.90E-09		uCi/mL						
Barium-140	U	3.44E-10	2.43E-08		uCi/mL						
Beryllium-7	U	-3.13E-09	4.55E-08		uCi/mL						
Bismuth-212	U	-5.94E-08	7.23E-08		uCi/mL						
Bismuth-214	U	1.12E-08	1.85E-08		uCi/mL						
Cerium-139	U	1.30E-09	5.17E-09		uCi/mL						
Cerium-141	U	-4.38E-10	9.28E-09		uCi/mL						
Cerium-144	U	-1.63E-09	3.37E-08		uCi/mL						
Cesium-134	U	2.04E-09	8.02E-09		uCi/mL						
Cesium-136	U	-2.52E-09	5.94E-09		uCi/mL						

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Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT002
Sample ID: 281060002

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis											
Gammaspec, Gamma, Liquid (Standard List) "As Received"											
Cesium-137	U	1.69E-09	6.72E-09	10.0	uCi/mL						
Chromium-51	U	1.18E-08	5.50E-08		uCi/mL						
Cobalt-56	U	-2.30E-09	5.19E-09		uCi/mL						
Cobalt-57	U	-1.05E-09	4.70E-09		uCi/mL						
Cobalt-58	U	-2.24E-09	5.54E-09		uCi/mL						
Cobalt-60	U	9.36E-10	5.59E-09		uCi/mL						
Europium-152	U	1.46E-08	1.97E-08		uCi/mL						
Europium-154	U	1.62E-09	1.42E-08		uCi/mL						
Europium-155	U	-4.15E-09	1.81E-08		uCi/mL						
Iridium-192	U	-1.77E-09	5.64E-09		uCi/mL						
Iron-59	U	-6.14E-09	8.91E-09		uCi/mL						
Lead-210	U	-5.89E-08	4.76E-07		uCi/mL						
Lead-212	U	3.66E-10	1.10E-08		uCi/mL						
Lead-214	U	6.24E-09	1.77E-08		uCi/mL						
Manganese-54	U	-3.11E-09	6.08E-09		uCi/mL						
Mercury-203	U	2.78E-09	5.89E-09		uCi/mL						
Neodymium-147	U	-9.70E-10	4.13E-08		uCi/mL						
Neptunium-239	U	-2.28E-08	4.21E-08		uCi/mL						
Niobium-94	U	-9.24E-10	5.35E-09		uCi/mL						
Niobium-95	U	3.22E-10	5.90E-09		uCi/mL						
Potassium-40	U	2.67E-08	1.12E-07		uCi/mL						
Promethium-144	U	2.85E-09	7.09E-09		uCi/mL						
Promethium-146	U	6.56E-10	7.20E-09		uCi/mL						
Radium-228	U	-3.94E-09	1.91E-08		uCi/mL						
Ruthenium-106	U	1.47E-09	5.99E-08		uCi/mL						
Silver-110m	U	-1.60E-09	5.87E-09		uCi/mL						
Sodium-22	U	5.68E-10	4.99E-09		uCi/mL						
Thallium-208	U	5.82E-09	9.66E-09		uCi/mL						
Thorium-234	U	3.76E-08	2.44E-07		uCi/mL						
Tin-113	U	2.10E-09	7.39E-09		uCi/mL						
Uranium-235	U	-9.11E-09	3.83E-08		uCi/mL						
Uranium-238	U	3.76E-08	2.44E-07		uCi/mL						
Yttrium-88	U	-2.36E-09	5.38E-09		uCi/mL						
Zinc-65	U	-9.98E-09	1.19E-08		uCi/mL						
Zirconium-95	U	-1.20E-09	1.12E-08		uCi/mL						

Rad Liquid Scintillation Analysis

LSC, Tritium Dist, Liquid "As Received"

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: July 8, 2011

Company : Energy Solutions, LLC
Address : 100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut 06811
Contact: Mr. Robert E. McPeak
Project: Energy Solution (GELP11-0764)

Client Sample ID: C4BOT002
Sample ID: 281060002

Project: ENRG03901
Client ID: ENRG039

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis											
LSC, Tritium Dist, Liquid "As Received"											
Tritium		0.000121	5.42E-07	700	uCi/mL		GXR1	07/05/11	1301	1118472	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	07/05/11	1730	1118355
EPA 245.1/245.2 Prep	EPA 245 Mercury	TXB3	07/05/11	1330	1118466
SW846 3510C	3510C DRO IN LIQ PREP	RXC1	07/05/11	1040	1118452

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8015A/B SVOC	
2	SM 4500-H B	
3	EPA 245.1/245.2	
4	EPA 200.8	
5	EPA 200.8	
6	EPA 901.1	
7	EPA 906.0 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
o-Terphenyl	3510C/8015B DRO Liquid "As Received"	0.00995 mg/L	0.0192	51.7	(30%-118%)

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QC Summary

Report Date: July 8, 2011
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Energy Solutions, LLC
100 Mill Plain Road
2nd Floor Mail Box 106
Danbury, Connecticut
Contact: Mr. Robert E. McPeak

Workorder: 281060

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Diesel Range Organics											
Batch	1118453										
QC1202433024	LCS										
Diesel Range Organics	1.00			0.787	mg/L		78.7	(47%-91%)	KXR2	07/05/11	22:39
**o-Terphenyl	0.020			0.0159	mg/L		79.6	(30%-118%)			
QC1202433023	MB										
Diesel Range Organics			U	ND	mg/L					07/05/11	22:02
**o-Terphenyl	0.020			0.00967	mg/L		48.3	(30%-118%)			
QC1202433025	281060001 MS										
Diesel Range Organics	1.00	0.555		1.41	mg/L		85.6	(24%-113%)		07/05/11	23:52
**o-Terphenyl	0.020	0.011		0.0146	mg/L		73	(30%-118%)			
QC1202433026	281060001 MSD										
Diesel Range Organics	1.00	0.555		1.41	mg/L	0.00851	85.6	(0%-25%)		07/06/11	00:28
**o-Terphenyl	0.020	0.011		0.0153	mg/L		76.4	(30%-118%)			
Electrode Analysis											
Batch	1118548										
QC1202433288	281060001 DUP										
pH		H	8.94	H	8.93	SU	0.112	(0%-10%)	LXA1	07/05/11	12:10
QC1202433287	LCS										
pH	7.00				6.98	SU		99.7	(95%-105%)		07/05/11 11:33
Metals Analysis - ICPMS											
Batch	1118356										
QC1202432762	281060001 DUP										
Antimony		J	1.86	J	1.91	ug/L	2.55 ^	(+/-3.00)	PRB	07/06/11	16:48
Arsenic			6.43		6.28	ug/L	2.42 ^	(+/-5.00)	BAJ	07/06/11	14:19
Beryllium		U	ND	U	ND	ug/L	N/A				
Cadmium			23.0		24.0	ug/L	4.44	(0%-20%)			
Chromium			35.1		35.8	ug/L	1.98 ^	(+/-10.0)			
Copper			39.7		41.3	ug/L	4.03	(0%-20%)			
Lead			1710		1760	ug/L	2.86	(0%-20%)			
Nickel			13.5		14.2	ug/L	5.37	(0%-20%)			
Selenium		U	ND	U	ND	ug/L	N/A				
Silver		J	0.371	J	0.403	ug/L	8.27 ^	(+/-1.00)			
Thallium		U	ND	U	ND	ug/L	N/A				
QC1202432761	LCS										
Antimony	50.0				57.4	ug/L		115	(85%-115%)	PRB	07/06/11 16:37
Arsenic	50.0				51.8	ug/L		104	(85%-115%)	BAJ	07/06/11 13:55
Beryllium	50.0				51.8	ug/L		104	(85%-115%)		
Cadmium	50.0				52.4	ug/L		105	(85%-115%)		
Chromium	50.0				50.1	ug/L		100	(85%-115%)		
Copper	50.0				52.6	ug/L		105	(85%-115%)		

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	1118356										
Lead	50.0			53.4	ug/L		107	(85%-115%)			
Nickel	50.0			49.8	ug/L		99.7	(85%-115%)	BAJ	07/06/11	13:55
Selenium	50.0			52.5	ug/L		105	(85%-115%)			
Silver	50.0			53.4	ug/L		107	(85%-115%)			
Thallium	50.0			49.2	ug/L		98.5	(85%-115%)			
QC1202432760	MB										
Antimony			U	ND	ug/L				PRB	07/06/11	16:35
Arsenic			U	ND	ug/L				BAJ	07/06/11	13:49
Beryllium			U	ND	ug/L						
Cadmium			U	ND	ug/L						
Chromium			U	ND	ug/L						
Copper			U	ND	ug/L						
Lead			U	ND	ug/L						
Nickel			U	ND	ug/L						
Selenium			U	ND	ug/L						
Silver			U	ND	ug/L						
Thallium			U	ND	ug/L						
QC1202432763	281060001	MS									
Antimony	50.0	J	1.86	56.7	ug/L		110	(75%-125%)	PRB	07/06/11	16:50
Arsenic	50.0		6.43	59.0	ug/L		105	(75%-125%)	BAJ	07/06/11	14:25
Beryllium	50.0	U	ND	43.6	ug/L		87.2	(75%-125%)			
Cadmium	50.0		23.0	74.8	ug/L		104	(75%-125%)			
Chromium	50.0		35.1	79.4	ug/L		88.6	(75%-125%)			
Copper	50.0		39.7	84.7	ug/L		90.2	(75%-125%)			
Lead	50.0		1710	1850	ug/L		N/A	(75%-125%)			
Nickel	50.0		13.5	57.1	ug/L		87.3	(75%-125%)			
Selenium	50.0	U	ND	50.3	ug/L		99.3	(75%-125%)			
Silver	50.0	J	0.371	50.0	ug/L		99.3	(75%-125%)			
Thallium	50.0	U	ND	48.1	ug/L		96.1	(75%-125%)			
QC1202432764	281060001	SDILT									
Antimony		J	1.86	U	ND	ug/L	N/A	(0%-10%)	PRB	07/06/11	16:53
Arsenic			6.43	U	ND	ug/L	N/A	(0%-10%)	BAJ	07/06/11	14:31
Beryllium		U	ND	U	ND	ug/L	N/A	(0%-10%)			
Cadmium			23.0		4.73	ug/L	2.99	(0%-10%)			
Chromium			35.1	J	7.45	ug/L	6.21	(0%-10%)			
Copper			39.7		8.38	ug/L	5.71	(0%-10%)			
Lead			1710		344	ug/L	.359	(0%-10%)			
Nickel			13.5		2.87	ug/L	6.16	(0%-10%)			
Selenium		U	ND	U	ND	ug/L	N/A	(0%-10%)			
Silver		J	0.371	U	ND	ug/L	N/A	(0%-10%)			
Thallium		U	ND	U	ND	ug/L	N/A	(0%-10%)			
Metals Analysis-Mercury											
Batch	1118468										

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis-Mercury											
Batch	1118468										
QC1202433067	281060001	DUP									
Mercury			0.256	0.264	ug/L	3.08	^	(+/-0.200)	JXL1	07/06/11	10:35
QC1202433066	LCS										
Mercury	2.00			2.12	ug/L		106	(85%-115%)		07/06/11	10:31
QC1202433065	MB										
Mercury			U	ND	ug/L					07/06/11	10:30
QC1202433068	281060001	MS									
Mercury	2.00	0.256		1.84	ug/L		79.4	(75%-125%)		07/06/11	10:36
QC1202433069	281060001	SDILT									
Mercury		0.256	J	0.072	ug/L	40.6		(0%-10%)		07/06/11	10:38
Rad Gamma Spec											
Batch	1118318										
QC1202432684	281060001	DUP									
Actinium-228	U	6.93E-09	U	2.74E-09	uCi/mL	0.00			N/A	MJH1	07/03/11 11:06
Americium-241	U	1.63E-10	U	5.70E-09	uCi/mL	0.00			N/A		
Antimony-124	U	1.29E-09	U	-1.62E-09	uCi/mL	0.00			N/A		
Antimony-125	U	-6.89E-09	U	9.35E-10	uCi/mL	0.00			N/A		
Barium-133	U	-4.08E-09	U	-2.37E-09	uCi/mL	0.00			N/A		
Barium-140	U	1.29E-09	U	2.71E-10	uCi/mL	0.00			N/A		
Beryllium-7	U	6.81E-09	U	-2.24E-09	uCi/mL	0.00			N/A		
Bismuth-212	U	-1.19E-08	U	2.15E-08	uCi/mL	0.00			N/A		
Bismuth-214	U	1.36E-08	U	-1.60E-09	uCi/mL	0.00			N/A		
Cerium-139	U	-3.23E-10	U	3.67E-10	uCi/mL	0.00			N/A		
Cerium-141	U	-1.38E-10	U	-5.07E-09	uCi/mL	0.00			N/A		
Cerium-144	U	-3.26E-09	U	-1.76E-08	uCi/mL	0.00			N/A		
Cesium-134	U	-8.60E-10	U	2.83E-09	uCi/mL	0.00			N/A		
Cesium-136	U	-3.81E-09	U	-7.98E-10	uCi/mL	0.00			N/A		
Cesium-137	U	-7.06E-09	U	3.15E-10	uCi/mL	0.00			N/A		
Chromium-51	U	1.07E-08	U	-1.45E-08	uCi/mL	0.00			N/A		
Cobalt-56	U	6.00E-10	U	6.44E-10	uCi/mL	0.00			N/A		
Cobalt-57	U	1.46E-09	U	-2.91E-10	uCi/mL	0.00			N/A		
Cobalt-58	U	2.24E-09	U	1.92E-09	uCi/mL	0.00			N/A		
Cobalt-60	U	1.48E-09	U	1.36E-09	uCi/mL	0.00			N/A		
Europium-152	U	1.78E-09	U	-1.44E-10	uCi/mL	0.00			N/A		
Europium-154	U	-3.34E-09	U	-7.98E-10	uCi/mL	0.00			N/A		
Europium-155	U	-2.16E-10	U	-1.12E-09	uCi/mL	0.00			N/A		
Iridium-192	U	3.81E-11	U	-5.61E-10	uCi/mL	0.00			N/A		
Iron-59	U	2.47E-09	U	1.73E-09	uCi/mL	0.00			N/A		
Lead-210	U	-4.11E-08	U	4.93E-08	uCi/mL	0.00			N/A		
Lead-212	U	8.57E-09	U	-1.83E-09	uCi/mL	0.00			N/A		
Lead-214	U	8.48E-09	U	6.63E-12	uCi/mL	0.00			N/A		
Manganese-54	U	-2.02E-11	U	1.48E-09	uCi/mL	0.00			N/A		
Mercury-203	U	-1.20E-09	U	1.24E-10	uCi/mL	0.00			N/A		

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gamma Spec											
Batch	1118318										
Neodymium-147		U -1.56E-08	U	-9.69E-09	uCi/mL	0.00		N/A			
Neptunium-239		U -2.44E-09	U	1.11E-08	uCi/mL	0.00		N/A	MJH1	07/03/11	11:06
Niobium-94		U -9.39E-10	U	8.59E-10	uCi/mL	0.00		N/A			
Niobium-95		U -1.57E-09	U	-2.33E-10	uCi/mL	0.00		N/A			
Potassium-40		1.17E-07		1.04E-07	uCi/mL	11.9		(0% - 100%)			
Promethium-144		U 1.60E-09	U	1.24E-09	uCi/mL	0.00		N/A			
Promethium-146		U 3.06E-09	U	5.19E-11	uCi/mL	0.00		N/A			
Radium-228		U 6.93E-09	U	2.74E-09	uCi/mL	0.00		N/A			
Ruthenium-106		U -5.42E-11	U	-1.18E-08	uCi/mL	0.00		N/A			
Silver-110m		U -3.38E-09	U	-9.96E-10	uCi/mL	0.00		N/A			
Sodium-22		U -1.30E-09	U	-3.36E-10	uCi/mL	0.00		N/A			
Thallium-208		U -6.72E-10	U	2.03E-10	uCi/mL	0.00		N/A			
Thorium-234		U -4.54E-08	U	-1.29E-08	uCi/mL	0.00		N/A			
Tin-113		U -2.15E-10	U	5.95E-10	uCi/mL	0.00		N/A			
Uranium-235		U 8.44E-10	U	1.06E-08	uCi/mL	0.00		N/A			
Uranium-238		U -4.54E-08	U	-1.29E-08	uCi/mL	0.00		N/A			
Yttrium-88		U 6.18E-10	U	1.04E-09	uCi/mL	0.00		N/A			
Zinc-65		U -1.30E-09	U	-8.25E-10	uCi/mL	0.00		N/A			
Zirconium-95		U -1.14E-09	U	1.98E-09	uCi/mL	0.00		N/A			
QC1202432686	LCS										
Actinium-228			U	-6.40E-09	uCi/mL					07/03/11	09:00
Americium-241	2.79E-06			2.62E-06	uCi/mL		94.1	(75%-125%)			
Antimony-124			U	-1.43E-08	uCi/mL						
Antimony-125			U	-1.66E-08	uCi/mL						
Barium-133			U	8.36E-09	uCi/mL						
Barium-140			U	2.04E-08	uCi/mL						
Beryllium-7			U	1.11E-07	uCi/mL						
Bismuth-212			U	-2.44E-07	uCi/mL						
Bismuth-214			U	2.62E-08	uCi/mL						
Cerium-139				3.82E-07	uCi/mL						
Cerium-141			U	-6.61E-09	uCi/mL						
Cerium-144			U	2.59E-08	uCi/mL						
Cesium-134			U	1.89E-08	uCi/mL						
Cesium-136			U	-1.44E-08	uCi/mL						
Cesium-137	6.28E-06			6.61E-06	uCi/mL		105	(75%-125%)			
Chromium-51			U	-9.16E-08	uCi/mL						
Cobalt-56			U	1.53E-08	uCi/mL						
Cobalt-57				7.96E-07	uCi/mL						
Cobalt-58			U	2.77E-09	uCi/mL						
Cobalt-60	6.76E-06			7.02E-06	uCi/mL		104	(75%-125%)			
Europium-152			U	-2.87E-08	uCi/mL						
Europium-154			U	3.87E-08	uCi/mL						

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QC Summary

Workorder: 281060

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gamma Spec											
Batch	1118318										
Europium-155			U	-8.50E-09	uCi/mL						
Iridium-192			U	1.68E-08	uCi/mL				MJH1	07/03/11	09:00
Iron-59			U	-1.89E-08	uCi/mL						
Lead-210				2.36E-05	uCi/mL						
Lead-212			U	6.31E-09	uCi/mL						
Lead-214			U	-1.29E-08	uCi/mL						
Manganese-54			U	-1.89E-09	uCi/mL						
Mercury-203			U	3.43E-08	uCi/mL						
Neodymium-147			U	4.24E-08	uCi/mL						
Neptunium-239			U	1.08E-07	uCi/mL						
Niobium-94			U	-1.62E-08	uCi/mL						
Niobium-95			U	4.22E-09	uCi/mL						
Potassium-40			U	2.40E-08	uCi/mL						
Promethium-144			U	-8.35E-09	uCi/mL						
Promethium-146			U	2.22E-08	uCi/mL						
Radium-228			U	-6.40E-09	uCi/mL						
Ruthenium-106			U	-1.04E-07	uCi/mL						
Silver-110m				4.89E-08	uCi/mL						
Sodium-22			U	1.11E-08	uCi/mL						
Thallium-208			U	4.45E-09	uCi/mL						
Thorium-234			U	-1.40E-06	uCi/mL						
Tin-113			U	2.80E-08	uCi/mL						
Uranium-235			U	1.48E-07	uCi/mL						
Uranium-238			U	-1.40E-06	uCi/mL						
Yttrium-88				1.66E-06	uCi/mL						
Zinc-65			U	-7.03E-08	uCi/mL						
Zirconium-95			U	2.99E-08	uCi/mL						
QC1202432683	MB										
Actinium-228			U	-3.84E-09	uCi/mL					07/03/11	08:59
Americium-241			U	-7.04E-09	uCi/mL						
Antimony-124			U	9.58E-11	uCi/mL						
Antimony-125			U	-1.54E-09	uCi/mL						
Barium-133			U	7.10E-10	uCi/mL						
Barium-140			U	-7.12E-10	uCi/mL						
Beryllium-7			U	2.10E-08	uCi/mL						
Bismuth-212			U	1.25E-08	uCi/mL						
Bismuth-214			U	6.99E-10	uCi/mL						
Cerium-139			U	5.59E-10	uCi/mL						
Cerium-141			U	-3.83E-09	uCi/mL						
Cerium-144			U	1.71E-08	uCi/mL						
Cesium-134			U	5.02E-10	uCi/mL						
Cesium-136			U	3.05E-10	uCi/mL						

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Workorder: 281060

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gamma Spec											
Batch	1118318										
Cesium-137			U	2.76E-09	uCi/mL						
Chromium-51			U	-1.20E-08	uCi/mL				MJH1	07/03/11	08:59
Cobalt-56			U	1.10E-09	uCi/mL						
Cobalt-57			U	2.53E-10	uCi/mL						
Cobalt-58			U	5.11E-10	uCi/mL						
Cobalt-60			U	4.24E-11	uCi/mL						
Europium-152			U	-1.29E-09	uCi/mL						
Europium-154			U	3.77E-09	uCi/mL						
Europium-155			U	9.30E-10	uCi/mL						
Iridium-192			U	7.55E-10	uCi/mL						
Iron-59			U	-4.05E-09	uCi/mL						
Lead-210			U	7.79E-08	uCi/mL						
Lead-212			U	1.67E-10	uCi/mL						
Lead-214			U	-2.02E-09	uCi/mL						
Manganese-54			U	-3.48E-10	uCi/mL						
Mercury-203			U	1.22E-09	uCi/mL						
Neodymium-147			U	9.92E-09	uCi/mL						
Neptunium-239			U	6.95E-09	uCi/mL						
Niobium-94			U	9.48E-10	uCi/mL						
Niobium-95			U	2.20E-09	uCi/mL						
Potassium-40			U	-2.53E-08	uCi/mL						
Promethium-144			U	-1.64E-09	uCi/mL						
Promethium-146			U	5.65E-10	uCi/mL						
Radium-228			U	-3.84E-09	uCi/mL						
Ruthenium-106			U	3.70E-09	uCi/mL						
Silver-110m			U	-9.70E-10	uCi/mL						
Sodium-22			U	1.42E-09	uCi/mL						
Thallium-208			U	-1.15E-09	uCi/mL						
Thorium-234			U	-1.90E-08	uCi/mL						
Tin-113			U	-6.06E-10	uCi/mL						
Uranium-235			U	1.48E-08	uCi/mL						
Uranium-238			U	-1.90E-08	uCi/mL						
Yttrium-88			U	-1.87E-09	uCi/mL						
Zinc-65			U	-1.69E-09	uCi/mL						
Zirconium-95			U	-2.00E-09	uCi/mL						
Rad Liquid Scintillation											
Batch	1118472										
QC1202433080	281060001	DUP									
Tritium			0.000178	0.000185	uCi/mL	3.76		(0% - 20%)	GXR1	07/05/11	13:34
QC1202433082	LCS										
Tritium			2.12E-06	1.97E-06	uCi/mL		93.2	(75%-125%)		07/05/11	14:03
QC1202433079	MB										

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	1118472										
Tritium			U	-4.99E-08	uCi/mL					07/05/11	13:17
QC1202433081	281060001	MS									
Tritium	2.12E-06	0.000178		0.000186	uCi/mL		N/A	(75%-125%)	GXR1	07/05/11	13:48

Notes:

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- E General Chemistry--Concentration of the target analyte exceeds the instrument calibration range
- E Metals--%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- E Organics--Concentration of the target analyte exceeds the instrument calibration range
- F Estimated Value
- FB Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies
- H Analytical holding time was exceeded
- J Value is estimated
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.
- L Analyte present. Reported value may be biased low. Actual value is expected to be higher.
- M M if above MDC and less than LLD
- M Matrix Related Failure
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- R Sample results are rejected
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
- UI Gamma Spectroscopy--Uncertain identification

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UJ	Gamma Spectroscopy--Uncertain identification										
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Y	QC Samples were not spiked with this compound										
Z	Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
d	5-day BOD--The 2:1 depletion requirement was not met for this sample										
h	Preparation or preservation holding time was exceeded										

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

* Indicates that a Quality Control parameter was not within specifications.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

DATA EXCEPTION REPORT			
Mo.Day Yr. 05-JUL-11	Division: Industrial	Quality Criteria: Specifications	Type: Process
Instrument Type: ELECTRODE	Test / Method: SM 4500-H B	Matrix Type: Liquid	Client Code: CARE, ENRG, PAES, PNLE
Batch ID: 1118548	Sample Numbers: See Below		
Potentially affected work order(s)(SDG): 280959(137913-073),280967(EUI-8389),281023,281060 Application Issues: Sample received out of holding			
Specification and Requirements Exception Description:		DER Disposition:	
1. Sample received out of holding: 280959 001 280967 001 281023 001 281060 001,002		1. Samples received out of holding.	

Originator's Name:

Lindsey Allen 05-JUL-11

Data Validator/Group Leader:

Elzbieta Szulc 06-JUL-11