

SAF-RC-092
100-BC Groundwater
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 2/7/08
Initials/Date

COMMENTS:

SDG J00158

SAF-RC-092

Rad only

☒ Chem only

Rad & Chem

☒ Complete

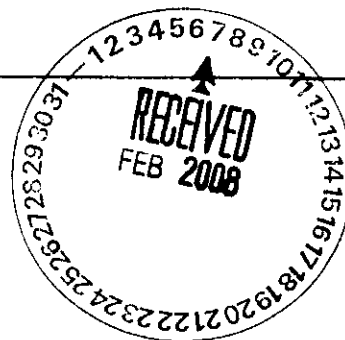
Partial

Waste Site: 100-B-27 borehole

RECEIVED
FEB 26 2008
EDMC

Kessner, Joan H

From: Carnes, Jodie [Jodie.Carnes@testamericainc.com]
Sent: Thursday, February 07, 2008 5:38 PM
To: Kessner, Joan H
Cc: Seger, Sandra
Subject: J00158
Attachments: J00158.pdf



I have never sent a CrVI over for 24-hour turn. I just sent the spreadsheet and COC. Hope this is right. <<J00158.pdf>>

JODIE CARNES
QA Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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2/11/2008

Analyst:	S. Wheland	Calibration Curve Information				SOP Information	BATCH #	8038398		
Start Date:	2/7/2008		Amount	Conc.(mg/L)	ABS.	RICH-WC-5003	SDG #			
Start Time:		Blank	0.000	0.000	0.000	Revision 7	Matrix	Water		
End Date:	2/7/2008	Std. 1	0.100	0.050	0.092					
End Time:		Std. 2	0.500	0.250	0.439					
Analyst Signature:	<i>[Signature]</i>	Std. 3	0.750	0.375	0.655	MDL (mg/L)	0.002	Instrument Information		
Date:	02/07/08	Std. 4	1.500	0.750	1.305	Instrument: Hach DR2010				
		Std. 5	2.000	1.000	1.707	Wavelength: 540				
		Standard Volume (mL):				R Squared 0.99981				
		Date of Curve:				Slope: 1.71193				
						Intercept: 0.00776				

Dilution ID #	Calibration Information:	ICV Information:	LCS Information:	Matrix Spike Information:			
	Cr-08-00025	Cr-08-00026	Cr-08-00025	Cr-08-00025			
Prep Date:	02/07/08	02/07/08	02/07/08	02/07/08			
Concentration (mg/L)	50	50	50	50			
Expiration Date:	02/08/08	02/08/08	02/08/08	02/08/08			
Pipettor(s)	70,190	190	190	190			
Volume Used (mL)	Expected Value	1.000	0.50000	1.00	0.50000	0.50	0.26316

Expected values are only amounts added in mg and not final concentrations

Sample ID	Client ID	Type	Sample Volume (mL)	Sample ABS.	Blank ABS.	Corrected ABS.	Dilution Factor	Curve Conc. (mg/L)	Final Conc. (mg/L)	% Rec.
n/a	n/a	ICV	100.000	0.945	0.000	0.945	1	0.5475	0.547	109.50%
n/a	n/a	ICB	100.000	0.001	0.000	0.001	1	-0.0040	<MDL	
KGQ1T-1AA-B	n/a	Prep Blank	100.000	0.003		0.003	1	-0.0028	<MDL	
KGQ1T-1AC-C	n/a	LCS	100.000	0.877		0.877	1	0.5078	0.508	101.55%
KGQAC-1AA	J16929	Sample	100.000	0.012		0.012	1	0.0025	0.002	
KGQAC-1AC-S	J16929-MS	MS	100.000	0.462		0.462	1	0.2653	0.265	99.89%
KGQAC-1AD-D	J16929-MSD	MSD	100.000	0.472		0.472	1	0.2712	0.271	102.11%
KGQAC-1AE-X	J16929-DUP	Duplicate	100.000	0.011		0.011	1	0.0019	<MDL	
KGQCH1AA	J16930	Sample	100.000	0.165	0.150	0.015	1	0.0042	0.004	
KGQCP1AA	J16931	Sample	100.000	0.009		0.009	1	0.0007	<MDL	
			100.000				1			
n/a	n/a	CCV	100.000	0.939		0.939	1	0.5440	0.544	108.79%
n/a	n/a	CCB	100.000	0.001		0.001	1	-0.0040	<MDL	
			100.000				1			
			100.000				1			
			100.000				1			
			100.000				1			
			100.000				1			
			100.000				1			

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-092-010		Page 1 of 1	
Collector C. Martinez/ FH NCO		Company Contact C. Martinez		Telephone No. 509-551-2816		Project Coordinator KESSNER, JH		Price Code	
Project Designation 100-BC Groundwater		Sampling Location 100-B-27 borehole		SAF No. RC-092				Data Turnaround 24 hrs.	
Ice Chest No.		Field Logbook No. EFL1173-14		COA R10B272000		Method of Shipment Government Vehicle			
Shipped To TestAmerica Incorporated, Richland		Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A					
POSSIBLE SAMPLE HAZARDS/REMARKS None		Preservation		Cool 4C					
Special Handling and/or Storage None		Type of Container		G/P					
		No. of Container(s)		1					
		Volume		500mL					
SAMPLE ANALYSIS		Chromium Hex - 7196							
Sample No.	Matrix *	Sample Date	Sample Time						
J16929 KGOAC	WATER	02/07/08	0940	✓					
J16930 KGOCH	WATER	02/07/08	1020	✓					
J16931 KGOCP	WATER	02/07/08	1030	✓					
CHAIN OF POSSESSION									
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		SPECIAL INSTRUCTIONS	
R. Martinez/Am		2/7/08 1050		S. Martinez		02/07/08		24 hour hold time	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		J8B070293	
S. Martinez/C. Martinez		02/07/08 1225		K. LANE		2-7-08		J00158	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		8038398	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		DUE 2-8-08	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Matrix *	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		S=Soil	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		SE=Soilment	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		SO=Solid	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		SL=Sludge	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		W=Water	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		O=Oil	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		A=Air	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		DS=Drum Solids	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		DL=Drum Liquids	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		T=Time	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		W=Wipe	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		L=Liquid	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		V=Vegetation	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		X=Other	
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			



Sample Check-in List DUE 2-8-08

Date/Time Received: 2-7-08 1225 GM Screen Result 0.1K
Client: WCH SDG #: J00158 NA [] SAF #: RC-092 NA []
Work Order Number: J8B070293 Chain of Custody # RC-092-010
Shipping Container ID: _____ Air Bill # _____

1. Custody Seals on shipping container intact? NA [] Yes ☒ No []
2. Custody Seals dated and signed? NA [] Yes ☒ No []
3. Chain of Custody record present? NA [] Yes ☒ No []
4. Cooler Temperature: _____ NA ☒ 5. Vermiculite/packing materials is NA ☒ Wet [] Dry []
6. Number of samples in shipping container: 3
7. Sample holding times exceeded? NA ☒ Yes [] No []
8. Samples have:
 ☒ Tape
 ☒ Custody Seals
 _____ Hazard Labels
 _____ Appropriate Sample Labels
9. Samples are:
 ☒ In Good Condition
 _____ Broken
 _____ Leaking
 _____ Have Air Bubbles
 (Only for samples requiring no head space.)
10. Sample pH taken? NA [] pH<2 [] pH>2 ☒ pH>9 [] Amount HNO₃ Added _____
11. Sample Location, Sample Collector Listed? *
 *For documentation only. No corrective action needed.
12. Were any anomalies identified in sample receipt? Yes [] No ☒
13. Description of anomalies (include sample numbers): _____

Sample Custodian: [Signature] Date: 2-7-08

Client Sample ID	Analysis Requested	Condition	Comments/Action

Client Informed on _____ by _____ Person Contacted _____

[] No action necessary; process as is.

Project Manager _____ Date _____