

0078792

SAF-RC-030
Remaining Sites Confirmation Sampling -
Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 9/17/08
INITIAL/DATE

COMMENTS:

SDG J00194

SAF-RC-030

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 100-D-78

RECEIVED
SEP 29 2008
EDMC



Certificate of Analysis

Washington Hanford Closure
2620 Fermi Avenue
Richland, WA 99354

September 16, 2008

Attention: Joan Kessner

SAF Number	:	RC-030
Date SDG Closed	:	September 11, 2008
Number of Samples	:	One (1)
Sample Type	:	Other Solid
SDG Number	:	J00194
Data Deliverable	:	15-Day / Summary

CASE NARRATIVE

I. Introduction

On September 11, 2008 one other solid sample was received at TestAmerica for chemistry analysis. Upon receipt, the sample was assigned the following laboratory ID number to correspond with the Washington Closure Hanford (WCH) specific ID:

<u>WCH ID#</u>	<u>TALR ID#</u>	<u>MATRIX</u>	<u>DATE OF RECEIPT</u>
J17FM4	KWP3N	OTHER SOLID	9/11/08

II. Sample Receipt

The sample was received in good condition and no anomalies were noted during check-in.

III. Analytical Results/Methodology

The analytical results for this report are presented by laboratory sample ID. Each set of data includes sample identification information, analytical results and the appropriate associated statistical errors. The requested analyses were:

Chemical Analysis
Hexavalent Chromium by EPA method 7196A

IV. Quality Control

The analytical results for each analysis performed includes a minimum of one laboratory control sample (LCS), one method (reagent) blank, and one duplicate sample analysis. Any exceptions have been noted in the "Comments" section.

QC and sample results are reported in the same units.

V. Comments

Chemical Analysis

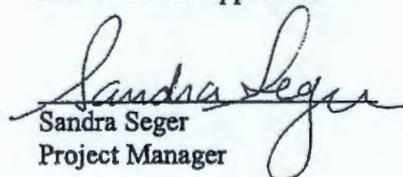
Hexavalent Chromium by EPA method 7196A:

When colorizing sample J17FM4 and the insoluble spike for J17FM4, a white precipitation formed. Due to the precipitation, results were not obtainable. The blank and LCS were acceptable therefore the samples were analyzed correctly.

On 9/16/08 the client called and requested TestAmerica to analyze a pH on this sample. TestAmerica informed the client that the sample was similar to a rock. The client instructions were to dampen a pH strip with DI water, then hold the pH strip against the sample. TestAmerica followed these instructions. There was no change to the pH strip. The client was informed by email on 9/16/08 that the pH could not be determined

I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the following signature.

Reviewed and approved:


Sandra Seger
Project Manager

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-030-092		Page 1 of 2		
Collector C. Martinez <i>SEC</i> <i>D. Rios</i>		Company Contact H. Sulloway		Telephone No. 372-9363		Project Coordinator KESSNER, JH		Price Code 9C Data Turnaround 15 Days		
Project Designation Remaining Sites Confirmation Sampling - Other Solid		Sampling Location 100-D-78		SAF No. RC-030						
Ice Chest No.		Field Logbook No. EL-1601-2		COA 010D78A000		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 <i>None</i>				Preservation Cool 4C						
Special Handling and/or Storage <i>COOL 4 Degrees C</i>				Type of Container G/P						
				No. of Container(s) 1						
				Volume 125mL						
SAMPLE ANALYSIS				Chromium Hex - 7196						
Sample No.		Matrix *	Sample Date	Sample Time						
J17FM4		OTHER SOLID	9/11/08	1210	X	<i>RWPN</i>				
J17FM5		OTHER SOLID								
J17FM6		OTHER SOLID								
J17FM7		OTHER SOLID								
J17FM8 <i>9/11/08</i>		OTHER SOLID								
CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS				Matrix *
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		<i>J8I110331</i> <i>J00194</i> <i>DUE 92608</i>		S=Soil SB=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Dry Solids DL=Dry Liquid T=Time Wt=Wtgs L=Liquid V=Vegetation X=Other
<i>Carroll</i>		<i>9-11-08 1515</i>		<i>B Hudson</i>		<i>9/11/08 1515</i>				
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time				
<i>B Hudson</i>		<i>9/11/08 1605</i>		<i>R L LANE</i>		<i>TAL 9/11/08/1605</i>				
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time				
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time				
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time				
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time				
LABORATORY SECTION		Received By		Title		Date/Time				
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time				



Sample Check-in List

Date/Time Received: 9/1/08 1605 GM Screen Result 0.1

Client: WCH SDG #: J00194 NA [] SAF #: RC-030 NA []

Work Order Number: J8I110331 Chain of Custody # RC-030-092

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: 1

7. Sample holding times exceeded? NA [] Yes [] No []

8. Samples have:
 Tape Hazard Lables
 Custody Seals Appropriate Sample Lables

9. Samples are:
 In Good Condition Leaking
 Broken Have Air Bubbles
(Only for samples requiring no head space.)

10. Sample pH taken? OTHER SOLID 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: 9/1/08

Client Sample ID	Analysis Requested	Condition	Comments/Action

Client Informed on _____ by _____ Person Contacted _____

[] No action necessary; process as is.

Project Manager _____ Date _____