

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

Washington Closure Hanford
September 16, 2008

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

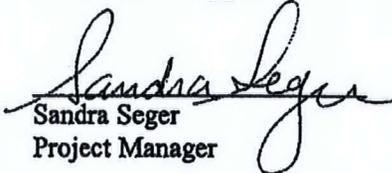
Hexavalent Chromium by EPA method 7196A:

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	SEC D. Rios	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	Field Logbook No. EL-1601-2	COA 010D78A000	SAF No. RC-030	Method of Shipment Government Vehicle	
Ice Chest No.	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A				
Shipped To TestAmerica Incorporated, Richland						
POSSIBLE SAMPLE HAZARDS/REMARKS None						
Special Handling and/or Storage COOL 4 Degrees C						
SAMPLE ANALYSIS						
Sample No.	Matrix *	Sample Date	Sample Time	Preservation	Cool 4C	
J17FM4	OTHER SOLID	9/11/08	1210	GF		
J17FM5	OTHER SOLID					
J17FM6	OTHER SOLID					
J17FM7	OTHER SOLID					
J17FM8	OTHER SOLID					
CHAIN OF POSSESSION						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	SPECIAL INSTRUCTIONS		
...	9-11-08	BHUDSON	9/10/08 1515	J8I 110331 J00194 DUE 92608		
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
BHUDSON	9/11/08	ELLANE	9/10/08 1605			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
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-Sol SS-Solvent SO-Solid SL-Sludge V - Vapor C-Oil A-Air DL-Dryum Solids DL-Dryum Liquid T-Time W-Water L-Liquid V-Vegetation X-Other		
LABORATORY SECTION	Received By	Title				
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By				



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 Labies
 Custody Seals Appropriate Sample Labies

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 _____
OTHER SOLID

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 _____