



Recra LabNet Philadelphia Analytical Report

Client: TNU HANFORD B00-056

RFW #: 0009L590

SDG/SAF#: H1024/B00-056

W.O. #: 10985-001-001-9999-00

Date Received: 09-12-00

GC SCAN



One (1) water sample was collected on 09-07-00.

EDMC

The sample and its associated QC samples were prepared on 09-14-00 and analyzed by methodology based on EPA Method 8015B for Methanol on 09-14-00.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The sample was packaged and stored as specified in the method protocol; the cooler temperature upon receipt has been recorded on the chain-of-custody.
2. The sample preparation and analysis holding times were met.
3. All initial calibrations associated with this data set were within acceptance criteria.
4. All continuing calibration standards analyzed prior to the sample extracts were within acceptance criteria.
5. Recra does not use surrogate spikes for this analysis. The method does not provide specific guidance regarding the use of surrogates and performance criteria. Method performance is monitored through the use of blank spikes and matrix spikes.
6. The blank spike recovery was within advisory control limits of 50%-150%.
7. The matrix spike recoveries were within the advisory control limits of 50%-150%.
8. I certify that this sample data package is in compliance with SOW requirements, both technically and for completeness, other than the conditions detailed above. The laboratory Manager or a designee, as verified by the following signature, has authorized release of the data contained in this hard-copy data package.

by J. Michael Taylor

J. Michael Taylor
Vice President
Philadelphia Analytical Laboratory

09-27-00

Date

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The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 2 pages.

GLOSSARY OF OGCSC DATA

DATA QUALIFIERS

- U** = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J** = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I** = Interference.

ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP** = Indicates spiked compound.

Recra LabNet - Lionville Laboratory
 GCSC ANALYTICAL DATA PACKAGE FOR
 TNU-HANFORD B00-056

Rfw LOT # :0009L590

CLIENT ID	Rfw #	MTX	PREP #	COLLECTN DATE	REC	EXT/PREP	ANALYSIS
B104B7	001	W	00LLC172	09/07/00	09/13/00	09/14/00	09/14/00
B104B7	001 MS	W	00LLC172	09/07/00	09/13/00	09/14/00	09/14/00
B104B7	001 MSD	W	00LLC172	09/07/00	09/13/00	09/14/00	09/14/00
LAB QC:							
BLK	MB1	W	00LLC172	N/A	N/A	09/14/00	09/14/00
BLK	MB1 BS	W	00LLC172	N/A	N/A	09/14/00	09/14/00

aw
09-26-00

Bechtel Hanford Inc.		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				B00-056-009	Page 1 of 1
Collector R.B. Kerkow / T. JOHANSEN	Company Contact J. Fancher	Telephone No. 373-9123	Project Coordinator TRENT, SJ		Price Code 8 1119-7-B	Data Turnaround	
Project Designation 100-NR-1 TSD Sites R. A. Sampling - Water	Sampling Location 116-N-3 Trench Floor	SAF No. B00-056	Air Quality <input type="checkbox"/>		7 day 9		
Ice Chest No. ERC99-038 (10FI)	Field Logbook No. EL-1524	COA R1325N2600	Method of Shipment Federal Express		Bill of Lading/Air Bill No. NA		
Shipped To TMA/RECRA TMD 9-6-00	Offsite Property No. RSR # 10652721.0	LOU 64 10652721.0		Bill of Lading/Air Bill No. NA			
POSSIBLE SAMPLE HAZARDS/REMARKS Potentially Radioactive				Preservation Cool 4C			
Special Handling and/or Storage				Type of Container Gs*			
				No. of Container(s) 1			
				Volume 40mL			
SAMPLE ANALYSIS				Alcohols, Glycols, & Ketones - 8015M (Methanol)			
Sample No.	Matrix *	Sample Date	Sample Time				
B104B7	WATER	9-7-00	0850	X			
CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS		Matrix *	
Relinquished By Thoren		Date/Time 9-7-00 1610		Received By REF #1B		Date/Time 9-7-00 1610	
Relinquished By R. Thoren		Date/Time 9-12-00		Received By R. Thoren		Date/Time 9-12-00	
Relinquished By R. Thoren		Date/Time 9-12-00		Received By FEDEx		Date/Time	
Relinquished By FedEx		Date/Time 9-13-00 0915		Received By DWALKER		Date/Time 9-13-00 0915	
Relinquished By		Date/Time		Received By		Date/Time	
Relinquished By		Date/Time		Received By		Date/Time	
LABORATORY SECTION				SPECIAL INSTRUCTIONS		Matrix *	
Received By		Title		Date/Time		<ul style="list-style-type: none"> S-Soil SE-Sediment SO-Solid S-Sludge W-Water O-Oil A-Air DS-Drum Solids DL-Drum Liquids T-Tissue WI-Wipe L-Liquid V-Vegetation X-Other 	
FINAL SAMPLE DISPOSITION				SPECIAL INSTRUCTIONS		Matrix *	
Disposal Method		Disposed By		Date/Time		<p>Samples stored in Ref. # 1B at the 3728 Shipping Facility on 9-17-00</p> <p>Collector not available to relinquish samples on 9-12-00 for shipment.</p> <p style="text-align: right;">RT 9-12-00</p>	