Metals

Case Narrative

NMED Hazardous Waste Bureau

KAFB - BFF 3Q11

Work Order Number: 1108423

1. This report consists of 2 water samples for total recoverable or dissolved metals.

2. The samples were received cool and intact by ALS on 08/31/11.

3. The sample for dissolved metals had been filtered prior to receipt. Both samples had a pH less than 2 upon receipt.

4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by Trace ICP, the samples were digested following method 3005A and SOP 806 Rev. 15.

   For analysis by Cold Vapor AA (CVAA), the sample was digested following method 7470A and SOP 812 Rev. 15.

5. Analysis by Trace ICP followed method 6010B and SOP 834 Rev. 8.

   Analysis by CVAA followed method 7470A and SOP 812 Rev. 15.

6. All standards and solutions are NIST traceable and were used within their recommended shelf life.

7. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.

- A preparation (method) blank and laboratory control sample were digested and analyzed with the samples in each digestion batch.
- The preparation (method) blank associated with each digestion batch was below the reporting limits for the requested analytes.
- All laboratory control sample criteria were met.
- All initial and continuing calibration blanks were below the practical quantitation limits for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.
- The interference check samples and high standard readbacks associated with Method 6010B were within acceptance criteria.

9. Matrix specific quality control procedures.

   Per method requirements, matrix QC was performed for each analysis. Since a sample from this order number was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

10. Sample dilutions were not required for the requested analyses.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Emily Knodel
Inorganics Primary Data Reviewer

09-30-11
Date

Inorganics Final Data Reviewer

9/30/11
Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A “B” is entered if the reported value was obtained from a reading that was less than the Practical Quantitation Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a “U” is entered. For samples, negative values are reported as non-detects (“U” flagged). For blanks, if the absolute value of the negative value is above the MDL and below the practical quantitation limit, then the result is “B” flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1108423
Client Name: NMED Hazardous Waste Bureau
Client Project Name: KAFB - BFF 3Q11
Client Project Number:
Client PO Number: 10-667-00-13453

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
106060-A	1108423-1		WATER	30-Aug-11	10:14
106060-B	1108423-2		WATER	30-Aug-11	10:17
106060-C	1108423-3		WATER	30-Aug-11	10:22
106060-D	1108423-4		WATER	30-Aug-11	10:28
106060-E	1108423-5		WATER	30-Aug-11	10:32
106060-F	1108423-6		WATER	30-Aug-11	10:36
106060-G	1108423-7		WATER	30-Aug-11	10:37
106060-H	1108423-8		WATER	30-Aug-11	10:38
106060-I	1108423-9		WATER	30-Aug-11	10:39
106060-J	1108423-10		WATER	30-Aug-11	10:40

ALS Laboratory Group

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #	1108423		
PAGE	1 of 1		
DISPOSAL	By Lab or Return to Client		

SAMPLER	SSB	DATE	8/30/11
SITE ID	KAFB 106060	TURNAROUND	NORMAL
EDD FORMAT			
PURCHASE ORDER			
BILL TO COMPANY	NMED/HWB		
INVOICE ATTN TO	DAVE COBRAIN		
ADDRESS	2905 RODEO PARK DR.		
CITY / STATE / ZIP	SANTA FE, NM 87505		
PHONE	505-476-6055		
FAX			
E-MAIL			

PROJECT NAME	KAFB-BEF-3Q11	COMPANY NAME	NMED
PROJECT No.		SEND REPORT TO	SID BRANDWEIN
		ADDRESS	5500 SAN ANTONIO DR NE
		CITY / STATE / ZIP	ALBQ, NM 87109
		PHONE	505-222-9504
		FAX	
		E-MAIL	sid.brandwein@state.nm.us

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	VOC 8260	EDB 8011	GRO 8015	DRO 8015	PAH-SVOCS 8270 SIM	TOT MET. 6010 TAL	ALK+ANIONS 310.1 300	NH_3+NITRATE+NITRITE 350.3 353.3	SULFIDE 376.1	DISS. MET 6010 Fe, Mn only
1	106060-A	W	8/30/11	10:14	3	HCl											
2	106060-B	W	8/30/11	10:17	3	HCl											
3	106060-C	W	8/30/11	10:22	3	HCl											
4	106060-D	W	8/30/11	10:28	1	—											
5	106060-E	W	8/30/11	10:32	1	H_2SO_4											
6	106060-F	W	8/30/11	10:36	1	—											
7	106060-G	W	8/30/11	10:37	1	H_2SO_4											
8	106060-H	W	8/30/11	10:38	1	$ZnAc_2$											
9	106060-I	W	8/30/11	10:39	1	HNO_3											
10	106060-J	W	8/30/11	10:40	1	HNO_3											

Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments: TOT MET = TAL
DISS METAL - Fe, Mn only

QC PACKAGE (check below)	
	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY				
RECEIVED BY	C Trimble	C Trimble	8-31-11	1020
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

ALS Laboratory Group - Fort Collins

CONDITION OF SAMPLE UPON RECEIPT FORM

Client: NMED Workorder No: 1108423

Project Manager: LS Initials: CDT Date: 8-31-11

1.	Does this project require any **special handling** in addition to standard Paragon procedures?		YES	(NO)
2.	Are custody **seals** on **shipping containers** intact?	NONE	(YES)	NO
3.	Are Custody seals on **sample containers** intact?	(NONE)	YES	NO
4.	Is there a **COC (Chain-of-Custody) present** or other representative documents?		(YES)	NO
5.	Are the **COC and bottle labels complete and legible**?		(YES)	NO
6.	Is the **COC in agreement** with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		(YES)	NO
7.	Were **airbills / shipping documents** present and/or removable?	DROP OFF	(YES)	NO
8.	Are all **aqueous samples requiring preservation preserved correctly? (excluding volatiles)**	N/A	(YES)	NO
9.	Are all aqueous **non-preserved samples pH 4-9**?	N/A	(YES)	NO
10.	Is there **sufficient sample** for the requested analyses?		(YES)	NO
11.	Were all samples placed in the **proper containers** for the requested analyses?		(YES)	NO
12.	Are all samples within **holding times** for the requested analyses?		(YES)	NO
13.	Were all sample containers received **intact**? (not broken or leaking, etc.)		(YES)	NO
14.	Are all samples requiring **no** headspace (**VOC, GRO, RSK/MEE, Rx CN/S, radon**) headspace free? **Size of bubble**: ____ < green pea ____ > green pea	N/A	(YES)	NO
15.	Do perchlorate LCMS-MS samples **have** headspace? (at least 1/3 of container required)	(N/A)	YES	NO
16.	Were samples checked for and free from the presence of **residual chlorine?** (Applicable when PM has indicated samples are from a chlorinated water source; note if field preservation with sodium thiosulfate was not observed.)	(N/A)	YES	NO
17.	Were the samples **shipped on ice**?		(YES)	NO
18.	Were cooler temperatures measured at 0.1-6.0°C? **IR gun used*:** #2 (#4)	RAD ONLY	(YES)	NO

Cooler #:	1							
Temperature (°C):	3.4°							
No. of custody seals on cooler:	2							
DOT Survey/ Acceptance Information — External µR/hr reading:	14							
Background µR/hr reading:	12							

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? (YES) / NO / NA (If no, see Form 008.)

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

COC not relinquished
Tests not marked on COC for each sample. Lab IDs and tests applied based on sample ID and tests written on bottle labels. aw 9/2/11

If applicable, was the client contacted? (YES) / NO / NA Contact: Sid Brandwein Date/Time: 9/2/11 e-mail

Project Manager Signature / Date: [signature] 9/2/11

*IR Gun #2: Oakton, SN 29922500201-0066 *IR Gun #4: Oakton, SN 2372220101-0002

Form 201r22.xls (6/1/09)

FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8762 4637 7390

0200 Form ID No 1108423

FedEx Retrieval Copy

1 From

Date 8/30/11

Sender's FedEx Account Number

Sender's Name SID BRANDWEIN Phone 505 222-7504

Company UMED/HWB

Address 5500 SAN ANTONIO DR. NE Dept/Floor/Suite/Room

City ALBQ State NM ZIP 87109

2 Your Internal Billing Reference

3 To

Recipient's Name LANCE STEERE Phone 770 490-1511

Company ALS LABS

Address 225 COMMERCE DR. Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes

01 ☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City FT. COLLINS State CO ZIP 80524-2762

8762 4637 7390

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

3 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

0 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

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5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 2 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☒ Other

6 Special Handling and Delivery Signature Options

03 ☐ **SATURDAY DELIVERY**

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

☒ No 04 ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. 06 ☐ Dry Ice — Dry ice, 9, UN 1845 ___ x ___ kg

☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

3.40

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

1 ☐ Sender — Acct. No. in Section 1 will be billed. 2 ☒ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

[redacted]

Total Packages 1 Total Weight 54 lbs. [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Field ID: 106060-I
Lab ID: 1108423-9

Analysis ReqCode: **202**

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 30-Aug-11
Date Extracted: 13-Sep-11
Date Analyzed: 16-Sep-11
Prep Method: SW3005 Rev A

Prep Batch: IP110913-4
QCBatchID: IP110913-4-3
Run ID: IT110916-2A2
Cleanup: NONE
Basis: As Received
File Name: 110916A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7429-90-5	ALUMINUM	1	0.031	0.2	0.031	U	
7440-36-0	ANTIMONY	1	0.0036	0.02	0.0036	U	
7440-38-2	ARSENIC	1	0.0026	0.01	0.0026	U	
7440-39-3	BARIUM	1	0.11	0.1	0.0017		
7440-41-7	BERYLLIUM	1	0.00027	0.005	0.00018	B	
7440-43-9	CADMIUM	1	0.0008	0.005	0.0008	U	
7440-70-2	CALCIUM	1	38	1	0.13		
7440-47-3	CHROMIUM	1	0.0018	0.01	0.0018	U	
7440-48-4	COBALT	1	0.00088	0.01	0.00088	U	
7440-50-8	COPPER	1	0.0016	0.01	0.0016	U	
7439-89-6	IRON	1	0.037	0.1	0.037	U	
7439-92-1	LEAD	1	0.0021	0.003	0.0021	U	
7439-95-4	MAGNESIUM	1	5.6	1	0.12		
7439-96-5	MANGANESE	1	0.015	0.01	0.0014		
7440-02-0	NICKEL	1	0.0027	0.02	0.0015	B	
7440-09-7	POTASSIUM	1	2	1	0.36		
7782-49-2	SELENIUM	1	0.0025	0.005	0.0022	B	
7440-22-4	SILVER	1	0.0016	0.01	0.0016	U	
7440-23-5	SODIUM	1	19	1	0.39		
7440-28-0	THALLIUM	1	0.0041	0.01	0.0037	B	
7440-62-2	VANADIUM	1	0.0047	0.01	0.0016	B	
7440-66-6	ZINC	1	0.014	0.02	0.0021	B	

Data Package ID: *IT1108423-1*

Dissolved ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Field ID: 106060-J
Lab ID: 1108423-10

Analysis ReqCode: **201**

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 30-Aug-11
Date Extracted: 13-Sep-11
Date Analyzed: 16-Sep-11
Prep Method: SW3005 Rev A

Prep Batch: IP110913-4
QCBatchID: IP110913-4-4
Run ID: IT110916-2A2
Cleanup: NONE
Basis: As Received
File Name: 110916A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-89-6	IRON	1	0.037	0.1	0.037	U	
7439-96-5	MANGANESE	1	0.015	0.01	0.0014		

Data Package ID: *IT1108423-1*

Total Mercury

Method SW7470A

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Field ID: 106060-I
Lab ID: 1108423-9

Analysis ReqCode: **202**

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 30-Aug-11
Date Extracted: 06-Sep-11
Date Analyzed: 06-Sep-11
Prep Method: METHOD

Prep Batch: HG110906-1
QCBatchID: HG110906-1-2
Run ID: HG110906-2A2
Cleanup: NONE
Basis: As Received
File Name: HG110906-1

Sample Aliquot: 20 g
Final Volume: 20 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.00006	0.0002	0.00006	U	

Data Package ID: *HG1108423-1*

ICP Metals

Method SW6010B

Method Blank

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Lab ID: IP110913-4MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Sep-11
Date Analyzed: 16-Sep-11

Prep Batch: IP110913-4
QCBatchID: IP110913-4-3
Run ID: IT110916-2A2
Cleanup: NONE
Basis: N/A
File Name: 110916A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7429-90-5	ALUMINUM	1	0.031	0.2	0.031	U	
7440-36-0	ANTIMONY	1	0.0036	0.02	0.0036	U	
7440-38-2	ARSENIC	1	0.0026	0.01	0.0026	U	
7440-39-3	BARIUM	1	0.0017	0.1	0.0017	U	
7440-41-7	BERYLLIUM	1	0.00023	0.005	0.00018	B	
7440-43-9	CADMIUM	1	0.0008	0.005	0.0008	U	
7440-70-2	CALCIUM	1	0.13	1	0.13	U	
7440-47-3	CHROMIUM	1	0.0018	0.01	0.0018	U	
7440-48-4	COBALT	1	-0.0011	0.01	0.00088	B	
7440-50-8	COPPER	1	0.0016	0.01	0.0016	U	
7439-89-6	IRON	1	0.037	0.1	0.037	U	
7439-92-1	LEAD	1	0.0021	0.003	0.0021	U	
7439-95-4	MAGNESIUM	1	0.12	1	0.12	U	
7439-96-5	MANGANESE	1	0.0014	0.01	0.0014	U	
7440-02-0	NICKEL	1	0.0015	0.02	0.0015	U	
7440-09-7	POTASSIUM	1	0.36	1	0.36	U	
7782-49-2	SELENIUM	1	0.0022	0.005	0.0022	U	
7440-22-4	SILVER	1	0.0016	0.01	0.0016	U	
7440-23-5	SODIUM	1	0.39	1	0.39	U	
7440-28-0	THALLIUM	1	0.0037	0.01	0.0037	U	
7440-62-2	VANADIUM	1	0.0016	0.01	0.0016	U	
7440-66-6	ZINC	1	0.0021	0.02	0.0021	U	

Data Package ID: *IT1108423-1*

ICP Metals

Method SW6010B

Laboratory Control Sample

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Lab ID: IP110913-4LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 09/13/2011
Date Analyzed: 09/16/2011
Prep Method: SW3005A

Prep Batch: IP110913-4
QCBatchID: IP110913-4-3
Run ID: IT110916-2A2
Cleanup: NONE
Basis: N/A
File Name: 110916A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	2	2.14	0.2		107	80 - 120%
7440-36-0	ANTIMONY	0.5	0.489	0.02		98	80 - 120%
7440-38-2	ARSENIC	2	2.03	0.01		101	80 - 120%
7440-39-3	BARIUM	2	2.01	0.1		100	80 - 120%
7440-41-7	BERYLLIUM	0.05	0.0512	0.005		102	80 - 120%
7440-43-9	CADMIUM	0.05	0.0512	0.005		102	80 - 120%
7440-70-2	CALCIUM	40	39.5	1		99	80 - 120%
7440-47-3	CHROMIUM	0.2	0.196	0.01		98	80 - 120%
7440-48-4	COBALT	0.5	0.489	0.01		98	80 - 120%
7440-50-8	COPPER	0.25	0.255	0.01		102	80 - 120%
7439-89-6	IRON	1	0.992	0.1		99	80 - 120%
7439-92-1	LEAD	0.5	0.497	0.003		99	80 - 120%
7439-95-4	MAGNESIUM	40	40.3	1		101	80 - 120%
7439-96-5	MANGANESE	0.5	0.488	0.01		98	80 - 120%
7440-02-0	NICKEL	0.5	0.496	0.02		99	80 - 120%
7440-09-7	POTASSIUM	40	38.4	1		96	80 - 120%
7782-49-2	SELENIUM	2	2.1	0.005		105	80 - 120%
7440-22-4	SILVER	0.1	0.0972	0.01		97	80 - 120%
7440-23-5	SODIUM	40	34.9	1		87	80 - 120%
7440-28-0	THALLIUM	2	2.09	0.01		104	80 - 120%
7440-62-2	VANADIUM	0.5	0.498	0.01		100	80 - 120%
7440-66-6	ZINC	0.5	0.486	0.02		97	80 - 120%

Data Package ID: *IT1108423-1*

Mercury

Method SW7470A

Method Blank

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Lab ID: HG110906-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06-Sep-11
Date Analyzed: 06-Sep-11

Prep Batch: HG110906-1
QCBatchID: HG110906-1-2
Run ID: HG110906-2A2
Cleanup: NONE
Basis: N/A
File Name: HG110906-1

Sample Aliquot: 20 g
Final Volume: 20 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.00006	0.0002	0.00006	U	

Data Package ID: *HG1108423-1*

Mercury

Method SW7470A

Laboratory Control Sample

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1108423
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: KAFB - BFF 3Q11

Lab ID: HG110906-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 09/06/2011
Date Analyzed: 09/06/2011
Prep Method: METHOD

Prep Batch: HG110906-1
QCBatchID: HG110906-1-2
Run ID: HG110906-2A2
Cleanup: NONE
Basis: N/A
File Name: HG110906-1

Sample Aliquot: 20 g
Final Volume: 20 g
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.001	0.00102	0.0002		102	80 - 120%

Data Package ID: *HG1108423-1*