Appendix C

Data Chem Laboratory Reports

Sample Shipping Information

Samples were placed in an oversized, sturdy box with packing material to fill voids and protect the samples during shipping. The sampling personnel then signed the chain-of-custody forms, and placed them in the box with the samples. Samples were shipped via Federal Express to the laboratory.

DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

05140322400528RX

Date MAY 1 5 2003
Laboratory Group Name 03I-1146-06
Account No. 07003

Booz Allen Hamilton
Attention: Steve Coffee
5299 DTC Blvd.
Suite 840
Greenwood Village, CO 80111

FAX (303) 694-7367
Telephone (303) 221-7559
E-mail coffee_stephen@bah.com

Sampling Collection and Shipment

Sampling Site AERC Melbourne Date of Collection April 29, 2003

Date Samples Received at Laboratory May 05, 2003

Analysis

Method of Analysis NMAM 6009MOD

Date(s) of Analysis May 12, 2003

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
3705B429-01	03I16295	HYDRAR	1.0	0.016	61.2					
3705B429-03	03I16296	HYDRAR	0.77	0.012	64.8					
3705DA429-05	03I16297	HYDRAR	3.7	0.14	25.8					
3705DA429-07	03I16298	HYDRAR	3.0	0.12	24.2					
3705DA429-09	03I16299	HYDRAR	3.3	0.13	24.9					
3705DA429-11	03I16300	HYDRAR	6.7	0.27	25.1					
3705DA429-13	03I16301	HYDRAR	0.044	0.015	3.0					
3705DA429-15	03I16302	HYDRAR	0.21	0.041	5.1					
3705DA429-17	03I16303	HYDRAR	3.7	0.035	104.9					
3705DA429-19	03I16304	HYDRAR	3.8	0.036	106.4					
3705DA429-21	03I16305	HYDRAR	2.3	0.021	109.2					
3705DA429-23	03I16306	HYDRAR	0.23	0.23	1.01					
3705DA429-25	03I16307	HYDRAR	0.65	0.64	1.01					

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
NA Parameter not applicable.

** See comment on last page.
( ) Parameter between LOD and LOQ.

Analyst: Jason D. Kim

Kristie Bitsin for NAE
Reviewer: Neil A. Edwards

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

05140322400528RX

Date MAY 1 5 2003
Laboratory Group Name 03I-1146-06

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
FLD BLK 4/29	03I16308	HYDRAR	0.046	**	0.0					
FLD BLK 4/29	03I16309	HYDRAR	0.044	**	0.0					
3705AA430-27	03I16310	HYDRAR	1.4	0.063	22.3					
3705AA430-29	03I16311	HYDRAR	0.059	0.0047	12.5					
3705AA430-31	03I16312	HYDRAR	0.87	0.070	12.4					
3705AA430-33	03I16313	HYDRAR	1.1	0.048	22.8					
3705AA430-35	03I16314	HYDRAR	1.1	0.048	22.8					
3705AA430-37	03I16315	HYDRAR	0.19	0.064	2.98					
3705AA430-39	03I16316	HYDRAR	0.45	0.11	4.22					
3705AA430-41	03I16317	HYDRAR	0.18	0.060	2.98					
3705AA430-43	03I16318	HYDRAR	0.24	0.081	2.98					
3705AA430-45	03I16319	HYDRAR	0.12	0.12	0.99					
3705AA430-47	03I16320	HYDRAR	0.26	0.26	0.99					
3705AA430-49	03I16321	HYDRAR	2.9	0.019	150.6					
3705AA430-51	03I16322	HYDRAR	3.1	0.021	149.1					
3705AA430-53	03I16323	HYDRAR	2.5	0.016	154.1					
3705AA430-55	03I16324	HYDRAR	0.35	0.034	10.4					
3705AA430-57	03I16325	HYDRAR	0.53	0.052	10.1					
3705AA431-59	03I16326	HYDRAR	0.11	0.036	3.07					
FLD BLK 4/30	03I16327	HYDRAR	0.045	**	0.0					
FLD BLK 4/30	03I16328	HYDRAR	0.048	**	0.0					
Reporting Limit			0.01							

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
NA Parameter not applicable.
** See comment on last page.
( ) Parameter between LOD and LOQ.

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Date MAY 1 5 2003
Laboratory Group Name 03I-1146-06

General Set Comments

Method Reference: NIOSH Manual of Analytical Methods(NMAM), 4th ed., 08/15/94.
Results are not blank-corrected.
Results cannot be reported in mg/m³ or ppm for samples with no air volume.

General Lab Comments

The results provided in this report relate only to the items tested.
This page is the concluding page of the report.

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Form ARF-AL
Page 1 of 3
Part 1 of 1
05140323403496RX
MAY 15 2003

Date
Laboratory Group Name 03I-1146-07
Account No. 07003

Booz Allen Hamilton
Attention: Steve Coffee
5299 DTC Blvd.
Suite 840
Greenwood Village, CO 80111

FAX (303) 694-7367
Telephone (303) 221-7559
E-mail coffee_stephen@bah.com

Sampling Collection and Shipment

Sampling Site AERC Melbourne Date of Collection May 01, 2003

Date Samples Received at Laboratory May 05, 2003

Analysis

Method of Analysis NMAM 6009MOD

Date(s) of Analysis May 12, 2003

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
3705RA501-61	03I16329	HYDRAR	0.40	0.018	21.9					
3705RA501-63	03I16330	HYDRAR	0.28	0.024	11.8					
3705RA501-65	03I16331	HYDRAR	0.31	0.026	12.0					
3705RA501-67	03I16332	HYDRAR	0.39	0.018	22.2					
3705RA501-69	03I16333	HYDRAR	0.14	0.0063	22.1					
3705RA501-71	03I16334	HYDRAR	0.23	0.075	3.07					
3705RA501-73	03I16335	HYDRAR	TBA	TBA	TBA					
3705RA501-75	03I16336	HYDRAR	0.17	0.17	1.01					
3705RA501-77	03I16337	HYDRAR	0.11	0.11	1.01					
3705RA501-79	03I16338	HYDRAR	0.16	0.017	9.32					
3705RA501-81	03I16339	HYDRAR	0.15	0.016	9.45					
3705RA501-83	03I16340	HYDRAR	1.7	0.013	134.6					
3705RA501-85	03I16341	HYDRAR	1.7	0.013	134.6					

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
NA Parameter not applicable.

** See comment on last page.
( ) Parameter between LOD and LOQ.
TBA Parameter to be analyzed.

Analyst: Jason D. Kim

Kristie Britton for NAE
Reviewer: Neil A. Edwards

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Form ARF-BL
Page 2 of 3
Part 1 of 1
05140323403496RX

Date MAY 15 2003

Laboratory Group Name 03I-1146-07

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
3705RA501-87	03I16342	HYDRAR	2.3	0.017	137.6					
FLD BLK 5/1	03I16343	HYDRAR	0.046	**	0.0					
FLD BLK 5/1	03I16344	HYDRAR	0.049	**	0.0					
3705DA502-89	03I16345	HYDRAR	0.81	0.094	8.60					
3705DA502-91	03I16346	HYDRAR	0.76	0.088	8.60					
3705DA502-93	03I16347	HYDRAR	0.66	0.076	8.69					
3705DA502-95	03I16348	HYDRAR	0.78	0.090	8.66					
3705DA502-97	03I16349	HYDRAR	0.60	0.20	3.07					
LAB BLANK	03I16350	HYDRAR	0.046	**	0.0					
LAB BLANK	03I16351	HYDRAR	0.040	**	0.0					
LAB BLANK	03I16352	HYDRAR	0.045	**	0.0					
FLD BLK 5/2	03I16353	HYDRAR	0.049	**	0.0					
FLD BLK 5/2	03I16889	HYDRAR	0.049	**	0.0					
Reporting Limit			0.01							

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
NA Parameter not applicable.

** See comment on last page.
( ) Parameter between LOD and LOQ.
TBA Parameter to be analyzed.

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DATA CHEM
LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Date MAY 1 5 2003

Laboratory Group Name 03I-1146-07

General Set Comments

Method Reference: NIOSH Manual of Analytical Methods(NMAM), 4th ed., 08/15/94.
Results are not blank-corrected.
Results cannot be reported in mg/m^3 or ppm for samples with no air volume.
Field sample 03I16335 was not submitted by the client.

General Lab Comments

The results provided in this report relate only to the items tested.
This page is the concluding page of the report.

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ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☐ **REGULAR Status** 03I-1146-06

☐ **RUSH Status Requested - ADDITIONAL CHARGE**
RESULTS REQUIRED BY _____ DATE
CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES

2. Date 5/2/03 Purchase Order No. _____

3. Company Name BOOZ ALLEN HAMILTON
Address 5299 DTC BLVD., STE 846
GREENWOOD VILLAGE, CO 80111
Person to Contact STEVE COFFEE
Telephone (303) 221-7559
Fax Telephone (303) 694-7367
E-mail Address COFFEE_STEPHEN@BAH.COM
Billing Address (if different) REFER TO CONTRACT

4. Quote No. _____
DCL Project Manager Rand Potter

5. **Sample Collection**
Sampling Site AERC, MELBOURNE
Industrial Process DTC DEVICE
Date of Collection 4/29/03
Time Collected _____
Date of Shipment 5/2/03
Chain of Custody No. 1

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I16295	3705-B-4/29-01	HYDRAR	61.2 l	NIOSH 6009	2
296	3705-B-4/29-03		64.8 l		
297	3705-D-A-4/29 05		25.8 l		
298	-07		24.2 l		
299	-09		24.9 l		
300	-11		25.1 l		
01	-13		3.0 l		
02	-15		5.1 l		
03	-17		104.9 l		
04	-19		106.4 l		
05	-21		109.2 l		
06	-23		1.01 l		
07	-25		1.01 l		
08	FIELD BLANK 4/29		—		
09	FIELD BLANK 4/29		—		

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other
** 1. mg/sample 2. mg/m^3 3. ppm 4. % 5. _____ (other) Please indicate one or more units in the column entitled Units**

Comments _____

Possible Contamination and/or Chemical Hazards _____

7. **Chain of Custody (Optional)**

Relinquished by	Stephen D. Coffee	Date/Time	5/2/03 1310
Received by	Rand Potter	Date/Time	5/5
Relinquished by	Rand Potter	Date/Time	5/5/03 PM
Received by		Date/Time	

960 West LeVoy Drive / Salt Lake City, UT 84123 **800-356-9135 or 801-266-7700 / FAX: 801-268-9992**
DATACHEM LABORATORIES, INC.

DATA CHEM LABORATORIES, INC.

ANALYTICAL REQUEST FORM

1. ☐ **REGULAR Status** 03I-1146-06

☐ **RUSH Status Requested - ADDITIONAL CHARGE**
RESULTS REQUIRED BY _____
DATE
CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES

2. Date 5/2/03 Purchase Order No. _____

3. Company Name BOOZ ALLEN HAMILTON
Address 5299 DTC BLVD., STE 840
GREENWOOD VILLAGE, CO 80111
Person to Contact STEVE COFFEE
Telephone (303) 221-7559
Fax Telephone (303) 694-7367
E-mail Address COFFEE_STEPHEN@BAH.COM
Billing Address (if different) REFER TO CONTRACT

4. Quote No. _____
DCL Project Manager Rand Potter

5. **Sample Collection**
Sampling Site AERC MELBOURNE
Industrial Process DTC DEVICE
Date of Collection 4/30/03
Time Collected _____
Date of Shipment 5/2/03
Chain of Custody No. 3

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I16310	3705-A-A-4/30-27	HYDRAR	22.3 l	NAM 6009	2
11	29		12.5 l		
12	31		12.4 l		
13	33		22.8 l		
14	35		22.8 l		
15	37		2.98 l		
16	39		4.22 l		
17	41		2.98 l		
18	43		2.98 l		
19	45		0.99 l		
20	47		0.99 l		
21	49		150.6 l		
22	51		149.1 l		
23, 24	53, 55		154.1 l, 10.4 l		
25, 26	57, 59		10.1 l, 3.07 l		

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other
** 1. mg/sample 2. mg/m^3 3. ppm 4. % 5. _____ (other) Please indicate one or more units in the column entitled Units**

Comments 2 FIELD BLANKS 4/30 HYRAR NAM 6009 2
27 / 28

Possible Contamination and/or Chemical Hazards _____

7. **Chain of Custody (Optional)**

Relinquished by	Steph D. Coffee	Date/Time	5/2/03 1310
Received by	Rand Potter	Date/Time	5/5
Relinquished by	Rand Potter	Date/Time	5/5
Received by		Date/Time	

960 West LeVoy Drive / Salt Lake City, UT 84123 **800-356-9135 or 801-266-7700 / FAX: 801-268-9992**
DATACHEM LABORATORIES, INC.