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

Date MAR 07 2003
Laboratory Group Name 03I-0545-04
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

Sampling Collection and Shipment

Sampling Site _____ Date of Collection February 25, 2003

Date Samples Received at Laboratory March 03, 2003

Analysis

Method of Analysis NMAM 6009

Date(s) of Analysis March 06, 2003

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
BG-2/25-02	03I06658	TUBE	0.23	0.0039	58.94					
BG-2/25-04	03I06659	TUBE	0.27	0.0047	58.24					
A/A-2/26-06	03I06660	TUBE	0.19	0.012	15.30					
A/A-2/26-08	03I06661	TUBE	0.23	0.015	15.05					
A/A-2/26-10	03I06662	TUBE	0.066	0.0055	12.09					
A/A-2/26-12	03I06663	TUBE	0.15	0.010	15.00					
A/A-2/26-14	03I06664	TUBE	0.12	0.0095	12.56					
A/A-2/26-16	03I06665	TUBE	0.20	0.013	15.00					
A/A-2/26-18	03I06666	TUBE	0.059	0.019	3.07					
A/A-2/26-20	03I06667	TUBE	0.088	0.019	4.58					
BLANK2/26/03	03I06668	TUBE	0.040	**	0.00					
BLANK2/26-03	03I06669	TUBE	0.041	**	0.00					
R/A-2/27-22	03I06670	TUBE	0.21	0.012	17.19					

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

Analyst: Jason D. Kim

Reviewer: Neil A. Edwards

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Date MAR 0 7 2003
Laboratory Group Name 03I-0545-04

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Mercury µg/sample	Mercury mg/m³	Air Volume L					
R/A-2/27-24	03I06671	TUBE	0.19	0.011	17.25					
R/A-2/27-26	03I06672	TUBE	0.22	0.013	16.97					
R/A-2/27-28	03I06673	TUBE	0.19	0.011	17.30					
R/A-2/27-30	03I06674	TUBE	0.048	0.0028	16.97					
R/A-2/27-32	03I06675	TUBE	0.19	0.011	17.19					
R/A-2/27-34	03I06676	TUBE	0.061	0.020	3.03					
BLANK2/27/03	03I06677	TUBE	0.041	**	0.00					
BLANK2/27/03	03I06678	TUBE	0.038	**	0.00					
H/A-2/27-36	03I06679	TUBE	0.34	0.040	8.42					
H/A-2/27-38	03I06680	TUBE	1.1	0.13	8.58					
H/A-2/27-40	03I06681	TUBE	4.9	0.58	8.33					
H/A-2/27-42	03I06682	TUBE	5.3	0.64	8.23					
H/A-2/27-44	03I06683	TUBE	2.7	0.33	8.28					
H/A-2/27-46	03I06684	TUBE	5.1	0.36	13.92					
H/A-2-27-48	03I06685	TUBE	0.17	0.19	0.92					
D/A-2/28-50	03I06686	TUBE	0.15	0.012	13.16					
D/A-2/28-52	03I06687	TUBE	0.17	0.013	12.99					
D/A-2/28-54	03I06688	TUBE	0.049	0.0039	12.47					
D/A-2/28-56	03I06689	TUBE	0.16	0.012	13.03					
D/A-2/28-58	03I06690	TUBE	0.16	0.012	13.20					
D/A-2/28-60	03I06691	TUBE	0.16	0.012	13.03					
D/A-2/28-62	03I06692	TUBE	0.082	0.025	3.29					
BLANK2/28/03	03I06693	TUBE	0.042	**	0.00					
BLANK2/28/03	03I06694	TUBE	0.040	**	0.00					
Reporting Limit			0.01							

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

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Date MAR 0 7 2003
Laboratory Group Name 03I-0545-04

General Set Comments

Method Reference: NIOSH Manual of Analytical Methods(NMAM), 4th ed., 08/15/94.
Results are not blank-corrected.
Results obtained for media blanks prepared from SKC Carulite tubes are typically found to have concentrations approximately 0.035-0.045 µg/sample above the reporting limit of 0.01 µg/sample.
Results cannot be reported in mg/m^3 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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ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☒ REGULAR Status 03I-0545-04

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

2. Date 2/28/03 Purchase Order No. _____
3. Company Name Booz Allen Hamilton
Address 5299 DTC Blvd. Suite 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) on file

4. Quote No _____
DCL Project Manager Rand Potter
5. **Sample Collection**
Sampling Site _____
Industrial Process _____
Date of Collection 2/25/03
Time Collected _____
Date of Shipment 2/28/03
Chain of Custody No. 01

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
	3705-BG-2/25-01	MCEF	58.94 L	~~ID-145~~ N9103 Hg	2
03I06658	02	HYDRAR	58.94 L	~~HYDRAR~~ NAM 6009 Hg	2
	03	MCEF	58.24 L	~~ID-145~~ NAM ~~6009~~ 9103 Hg	2
03I06659	04	HYDRAR	58.24 L	HYDRAR NAM 6009 Hg	2

* 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	[signature]	Date/Time	2/25/03 1500
Received by	[signature]	Date/Time	3/3
Relinquished by	[signature]	Date/Time	3/3/03
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-0545-04

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

2. Date 2/28/03 Purchase Order No _____
3. Company Name Booz Allen Hamilton
Address 5299 DTC Blvd, Suite 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) on file

4. Quote No _____
DCL Project Manager Brand Potter
5. **Sample Collection**
Sampling Site _____
Industrial Process _____
Date of Collection 2/26/03
Time Collected _____
Date of Shipment 2/28/03
Chain of Custody No. 03

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I0666	3705-A/A-2/26-06	HYDRAR	15.30 L	NAM 6009	2
61	" 08	HYDRAR	15.05 L	NAM 6009	2
62	" 10	HYDRAR	12.09 L	NAM 6009	2
63	" 12	HYDRAR	15.00 L	NAM 6009	2
64	" 14	HYDRAR	12.56 L	NAM 6009	2
65	" 16	HYDRAR	15.80 L	NAM 6009	2
66	" 18	HYDRAR	3.07 L	NAM 6009	2
67	" 20	HYDRAR	4.58 L	NAM 6009	2
68	BLANK 2/26/03	HYDRAR		NAM 6009	2
69	BLANK 2/26/03	HYDRAR		NAM 6009	2

* 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 [signature] Date/Time 2/28/03 1500
Received by [signature] Date/Time 3/3
Relinquished by [signature] Date/Time 3/3/03
Received by _____ Date/Time _____

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DATACHEM LABORATORIES, INC.

ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☑ REGULAR Status 03I-C545-04

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

2. Date 2/28/03 Purchase Order No _____
3. Company Name Booz Allen Hamilton
Address 5299 DTC Blvd., Suite 940
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) on file

4. Quote No _____
DCL Project Manager Rand Pitter
5. **Sample Collection**
Sampling Site _____
Industrial Process _____
Date of Collection 2/27/03
Time Collected _____
Date of Shipment 2/28/03
Chain of Custody No 17

6. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I06670	3705-R/A-2/27-2	2 HYDRAR	17.19L	NAM 6009	2
71	"-24	HYDRAR	17.25L	NAM 6009	2
72	"-26	HYDRAR	16.97L	NAM 6009	2
73	"-28	HYDRAR	17.30L	NAM 6009	2
74	"-30	HYDRAR	16.97L	NAM 6009	2
75	"-32	HYDRAR	17.19L	NAM 6009	2
76	"-34	HYDRAR	3.03L	NAM 6009	2
77	Blank 2/27/03	HYDRAR		NAM 6009	2
78	Blank 2/27/03	HYDRAR		NAM 6009	2

* 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 Jordan Murphy Date/Time 2/28/03 1500
Received by Rand Pitter Date/Time 3/3
Relinquished by Rand Pitter Date/Time 3/3
Received by _____ Date/Time _____

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ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☑ REGULAR Status 03I-0515-04

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

2. Date 2/28/03 Purchase Order No _____
3. Company Name Booz Allen Hamilton
Address 5299 DTC Blvd., Suite 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) on file

4. Quote No _____
DCL Project Manager Randi Potter
5. **Sample Collection**
Sampling Site _____
Industrial Process _____
Date of Collection 2/27/03
Time Collected _____
Date of Shipment 2/28/03
Chain of Custody No 19

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I0669	3705-H/A-2/27-36	HYDRAR	8.42L	NAM 6009	2
80	" - 38	HYDRAR	8.58L	NAM 6009	2
81	" - 40	HYDRAR	8.33L	NAM 6009	2
82	" - 42	HYDRAR	8.23L	NAM 6009	2
83	" - 44	HYDRAR	8.28L	NAM 6009	2
84	" - 46	HYDRAR	13.92L	NAM 6009	2
85	" - 48	HYDRAR	0.92L	NAM 6009	2

* 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 Jordan Murphy Date/Time 2/28/03 1500
Received by Randi Potter Date/Time 3/3
Relinquished by Randi Potter Date/Time 3/3
Received by _____ Date/Time _____

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DATACHEM LABORATORIES, INC.

ANALYTICAL REQUEST FORM

DATA CHEM LABORATORIES, INC.

1. ☑ REGULAR Status 03I-0545-04

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

2. Date 2/28/03 Purchase Order No _____
3. Company Name Booz Allen Hamilton
Address 5299 DTC Blvd., Suite 840
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Fax Telephone (303) 694-7367
E-mail Address coffee_stephen@bah.com
Billing Address (if different) on file

4. Quote No _____
DCL Project Manager Rand Potter
5. **Sample Collection**
Sampling Site _____
Industrial Process _____
Date of Collection 2/28/03
Time Collected _____
Date of Shipment 2/28/03
Chain of Custody No. 21

6. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
03I0668	3705-D/A-2/28-50	HYDRAR	13.16L	NAM 6009	2
87	"-52	HYDRAR	12.99L	NAM 6009	2
88	"-54	HYDRAR	12.47L	NAM 6009	2
89	"-56	HYDRAR	13.03L	NAM 6009	2
90	"-58	HYDRAR	13.20L	NAM 6009	2
91	"-60	HYDRAR	13.03L	NAM 6009	2
92	"-62	HYDRAR	3.29L	NAM 6009	2
93	Blank 2/28/03	HYDRAR	—	NAM 6009	2
94	Blank 2/28/03	HYDRAR	—	NAM 6009	2

* 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 Jordan Murphy Date/Time 2/28/03 1500
Received by Rand Potter Date/Time 3/3
Relinquished by Rand Potter Date/Time 3/3/03
Received by _____ Date/Time _____

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DATACHEM LABORATORIES, INC.