

SAF-RC-001 Industrial Hygiene Sampling FINAL DATA

NO DISTRIBUTION REQUIRED

COMMENTS:

SDG

06-A-0168

SAF-RC-001

Rad only Chem only Rad & Chem

Complete Partial

300 Area 3713 Bldg

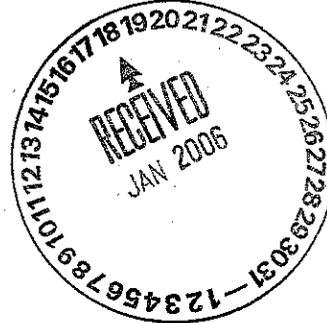
RECEIVED
MAR 29 2006

EDMC



SUBMITTED TO:

Denise Pitts
Washington Closure Hanford
3070 George Washington Way, MSIN L1-07
Richland, WA 99354



REFERENCE DATA:

Client Sample Nos.: J10RH2 through J10RV8
P.O. Number: Not Available
Sample Location: 300 Area Bldg. 3713
Sample Type: MCE Air Filters
Method Reference: Airborne Fibers by Phase Contrast Microscopy (PCM)
NIOSH Method 7400, Fourth Edition, (dated 8/15/94)
Date Received: 1/17/2006
DCL Sample Set ID No.: 06-A-0168
DCL Sample Nos.: 06-00843 through 06-00848

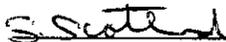
The samples indicated on the following data sheet(s) were analyzed in accordance with the NIOSH Method 7400 outlined in the NIOSH Manual of Analytical Methods (NMAM), Fourth Edition, dated 8/15/94. This method requires that samples have a minimum volume of 400 Liters on a single sample or on consecutive samples and that 2 field blanks (or 10% of the total samples, whichever is greater) be submitted with each set. The results reported are not field blank corrected. Blanks receive a 100-field count, and data are reported as Fibers/Field for use in background correction.

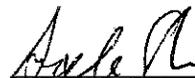
Results are tabulated on the following page(s). Results are reported in Fibers/mm², Fibers per Filter and Fibers/mL (Fibers/cc). Concentrations in Fibers/mL are based on sample volumes or flow rates and times provided by the client. Results for all samples are based on the use of a 0.8- μ m pore size, 25-millimeter diameter filter having an effective collection area of 385 mm². Report applies only to portion(s) of sample(s) analyzed. Samples will be disposed of after 60 days unless otherwise instructed.

The limit of detection (LOD) for this method has been determined to be 7 Fibers/mm² for a sample volume of approximately 1200 Liters.

DataChem Laboratories adheres to the QA/QC guidelines set forth in this method that calls for 10% blind replicate analysis. The QA/QC officer maintains all QA/QC data at our laboratory.

DataChem Laboratories is American Industrial Hygiene Association (AIHA) accredited. Laboratory accreditation does not in any way constitute approval or endorsement by AIHA.


Sarah Scotland
Analyst


Anna Marie Ristich
Section Manager

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NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

DataChem Laboratories Phase Contrast Microscopy Test Report

Client: Washington Closure Hanford

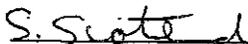
Sample Location: 300 Area Bldg.3713

P.O. No.: Not Available

<i>ANALYSIS INFORMATION</i>								
Graticule Area (mm ²):	0.00817							
<i>SAMPLE INFORMATION</i>			<i>SAMPLE RESULTS</i>				<i>LOD</i>	
Client Sample Nos.	DCL Nos.	Vol. (L)	Fib/Field	Fib/mm ²	Fib/Filter	Fib/mL	(Fib/mm ²)	(Fib/mL)
J10RH2	06-00843	NA	0.050	<LOD	<LOD	NA	7	NA
J10RH5	06-00844	NA	0.000	<LOD	<LOD	NA	7	NA
J10RV5	06-00845	804.22	0.560	69	26,389	0.033	7	0.003
J10RV6	06-00846	824.89	0.140	17	6,597	0.008	7	0.003
J10RV7	06-00847	77.82	0.300	37	14,137	0.182	7	0.035
J10RV8	06-00848	75.87	0.295	36	13,901	0.183	7	0.036

**Comments: none.

*NOTES: "NA" indicates no volume was given or the sample is a blank.
All samples counted using the "A" rules.


Sarah Scotland
Analyst


Anna Marie Ristich
Section Manager

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Enter on line below the first Sample Number from Page One:

510RH2

✓

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			
SIGN / PRINT NAMES / USE MILITARY TIME			
Relinquished By/Stored	DATE / TIME	Received By/Stored:	DATE / TIME
John Peoples	01-10-06 / 1500	Locked Cabinet Room 16 Bldg 3746	01-10-06 / 1500
DM Driggers / DM Driggers			
3746 room / 16 locked cabinet	1-16-06 / 1415	RZ Steffler R.Z. Steffler	1-16-06 / 1415
RZ Steffler R.Z. Steffler	WCH 1-16-06 / 1500	Fed EX	
Fed EX		CM	1/17/06 09:55
LABORATORY SECTION	Received By	DATE / TIME	
	CM	1/17/06 09:55	
	R50		

REVIEWED BY: _____ DATE: _____

PRINT/SIGN NAME

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Collector: John Peoples	Company Contact Dentise A. Pitts and Henry W. Ruby	Telephone No. 531-1229	Project Coordinator Joan H. Kessner	Data Turnaround
Payroll #: 0636267	Sampling Location 300 Area	SPECIAL INSTRUCTIONS All relevant COAs must be provided:		SAF No. RC-001
Type of Sample: Asbestos	Bldg 3713	ANALYSIS METHOD (SPECIFIC):		Method of Shipment Federal Express
Shipped To: Delta Chem OHIO	Wipe Sample Media: Ghost <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Other 01-10-06	Bill of Lading/Air Bill No. 8534 1811 7496		

POSSIBLE SAMPLE HAZARD/RF MARKS	MATRIX A - AIR WI - WIPE X - OTHER	Preservation (i.e., cooling required, etc.)	No								
Special Handling and/or Storage											

SAMPLE ANALYSIS					Asbestos Airborne	Lead Airborne	Beryllium Airborne	Beryllium Wipe	Mold
SAMPLE NO.	MATRIX	SAMPLE DATE	VOLUME (L) or Area cm ²	Comments					
J10RV2	A	01-10-06	NA	Blank	X				
J10RV5			NA	Blank	X				
J10RV5			804.772	Personal	X				
J10RV6			824.892	Personal	X				
J10RV7	↓	↓	77.820	Excursion	X				
J10RV8	A	01-10-06	75.870	Excursion	X				
9P 01-10-06					COPY				
					FIELD SAMPLE COPY				

Enter on line below the first Sample Number from Page One:

J10RH2

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

SIGN / PRINT NAMES / USE MILITARY TIME

Relinquished By/Stored	DATE / TIME	Received By/Stored:	DATE / TIME
<i>John Peoples</i>	<i>01-10-06 / 1500</i>	<i>Locked Cabinet Room 16 Bldg 3746</i>	<i>01-10-06 / 1500</i>
<i>DM Driggers / RMB Dwyer</i>			
<i>3746 room 16 locked cabinet</i>	<i>1-16-06 / 1415</i>	<i>RZ Steffler R.Z. Steffl</i>	<i>1-16-06 / 1415</i>
<i>RZ Steffler R.Z. Steffl</i>	<i>1-16-06 / 1500</i>	<i>Fed Ex</i>	
LABORATORY SECTION	Received By	Title	DATE / TIME

REVIEWED BY: _____ DATE: _____
 PRINT/SIGN NAME