

0068193

SAF-RC-001
Industrial Hygiene Sampling
FINAL DATA

NO DISTRIBUTION REQUIRED

COMMENTS:

SDG 05-A-6227 SAF-RC-001

Rad only Chem only Rad & Chem

Complete Partial

300 Area 314 Bldg

RECEIVED
JAN 19 2006
EDMC



SUBMITTED TO:

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

REFERENCE DATA:

Client Sample Nos.:	J10HD8 through J10HF1
P.O. Number:	Not Available
Sample Location:	300 Area 314 Building
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:	11/10/2005
DCL Sample Set ID No.:	05-A-6227
DCL Sample Nos.:	05-39598 through 05-39603

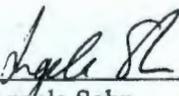
The samples indicated on the following data sheet(s) were analyzed in accordance with the NIOSH Method 7400 outlined in the NIOSH Manual of Analytical Methods (NMAM), Fourth Edition, dated 8/15/94. This method requires that samples have a minimum volume of 400 Liters on a single sample or on consecutive 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.

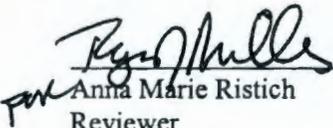
The limit of detection (LOD) for this method has been determined to be 7 Fibers/mm² for a sample volume of approximately 1200 Liters.

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.



Angela Sohn
Analyst



Anna Marie Ristich
Reviewer

This report shall not be reproduced except in full, without written approval by DataChem Laboratories.

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5338, FAX 513 733-5347

WEST COAST OFFICE
11 SANTA YORMA COURT
NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

DataChem Laboratories Phase Contrast Microscopy Test Report

Client: Washington Closure Hanford

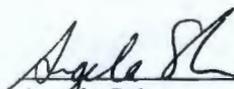
Sample Location: 300 Area 314 Building

P.O. No.: Not Available

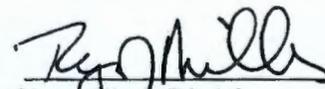
ANALYSIS INFORMATION								
Graticule Area (mm ²):	0.00817							
SAMPLE INFORMATION			SAMPLE RESULTS				LOD	
Client Sample Nos.	DCL Nos.	Vol. (L)	Fib/Field	Fib/mm ²	Fib/Filter	Fib/mL	(Fib/mm ²)	(Fib/mL)
J10HD8	05-39598	82.00	0.005	<LOD	<LOD	<LOD	7	0.033
J10HD9	05-39599	79.00	0.000	<LOD	<LOD	<LOD	7	0.034
J10HF2	05-39600	306.00	0.015	<LOD	<LOD	<LOD	7	0.009
J10HF3	05-39601	724.00	0.050	<LOD	<LOD	<LOD	7	0.004
J10HF0	05-39602	NA	0.015	<LOD	<LOD	NA	7	NA
J10HF1	05-39603	NA	0.010	<LOD	<LOD	NA	7	NA

****Comments:** none.

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



Angela Sohn
Analyst



Anna Marie Ristich
Reviewer

This report shall not be reproduced except in full, without written approval by DataChem Laboratories.

4



05-A-6227

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Collector: Yetta D. Jones	Company Contact Denise A. Pitts and Henry W. Ruby	Telephone No. 531-1229	Project Coordinator Joan H. Kessner	Data Turnaround
Payroll #: 73513	Sampling Location 300 Area 314 Building	SPECIAL INSTRUCTIONS All relevant COAs must be provided: R300XX J452 ANALYSIS METHOD (SPECIFIC): NIOSH 7400	SAF No. RC-001	3 days
Type of Sample: Asbestos	Wipe Sample Media: Ghost <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Other _____		Method of Shipment Federal Express	
Shipped To: Data Chem Cincinnati			Bill of Lading/Air Bill No. 853418119558	

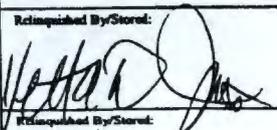
POSSIBLE SAMPLE HAZARD/REMARKS Asbestos & Beryllium Special Handling and/or Storage NA	MATRIX A - AIR WI - WIPE X - OTHER	Preservation (i.e., cooling required, etc.)	No	No	No	No	No						

SAMPLE ANALYSIS

SAMPLE NO.	MATRIX	SAMPLE DATE	VOLUME (L) or Area <u>cm²</u>	Comments	Asbestos Airborne	Lead Airborne	Beryllium Airborne	Beryllium Wipe	Mold
J10HD8	A	07 NOV 05	82	Excursion	x	39598			
J10HD9	A	07 NOV 05	79	Excursion	x	39599			
J10HF2	A	07 NOV 05	306	Personal	x	39600			ydj
J10HF3	A	07 NOV 05	724	Personal	x	39601	07 NOV 05		
J10HFD	A	07 NOV 05	NA	Blank	x	39602			
J10HFI	A	07 NOV 05	NA	Blank	x	39603			
		ydj							
		07 NOV 05							

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

J104D8

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			
SIGN / PRINT NAMES / USE MILITARY TIME			
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
 Yette D. Jones	07 NOV 05 1630	3746 Building Rm 16, locked cabinet	07 NOV 05 1630
David Warren / David Wm	11-9-05 / 1430	David St. John David St John	11/9/05 1430
David St John w/ht David Soga	11/9/05 1515	Fed Ex	
Fed Ex			11/10/05 11031
LABORATORY SECTION	Received By 	Title	DATE / TIME 11/10/05 11031

REVIEWED BY: _____ DATE: _____
 PRINT/SIGN NAME