

0078794

SAF-RC-044
FDP – Air Filter Analysis
FINAL DATA PACKAGE

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COMMENTS:

SDG 20080119

SAF-RC-044

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location/Waste Site: 107N Quarterly Air Sample
EDP Code Y265

RECEIVED
SEP 29 2008

EDMC

WSCF
ANALYTICAL LABORATORY REPORT

Industrial Hygiene Analysis

for

Effluent and Environmental Monitoring (EEM)
Richland, WA 99352



Attention: Larry Diediker

Survey ID:

Data Validator _____

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Group#: 20080119
Report Date: 15-Sep-2008
W0010-Cover v1.6

WSCF Laboratory
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**WSCF
ANALYTICAL LABORATORY REPORT**

Attention: Larry Diediker

EEM-ECP (Air Filters)

Group #: 20080119

Sample #	Client ID	Test Performed	Matrix	Method	Result	Units	RDL	Sampled	Received	Analyzed
W08F002686	S763795	Gross Alpha	FILTER	Alpha/Beta (Gross)	4.83E-06	uCi/Sample		08/19/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	0.000475	uCi/Sample		08/19/08	09/03/08	09/08/08
W08F002687	S763797	Gross Alpha	FILTER	Alpha/Beta (Gross)	1.61E-07	uCi/Sample		08/28/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	3.69E-08	uCi/Sample		08/28/08	09/03/08	09/08/08
W08F002688	S763798	Gross Alpha	FILTER	Alpha/Beta (Gross)	4.11E-08	uCi/Sample		08/28/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	1.93E-06	uCi/Sample		08/28/08	09/03/08	09/08/08
W08F002689	S748412	Gross Alpha	FILTER	Alpha/Beta (Gross)	9.99E-07	uCi/Sample		08/19/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	7.81E-06	uCi/Sample		08/19/08	09/03/08	09/08/08
W08F002690	S748411	Gross Alpha	FILTER	Alpha/Beta (Gross)	1.61E-07	uCi/Sample		08/19/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	9.34E-07	uCi/Sample		08/19/08	09/03/08	09/08/08
W08F002691	S763799	Gross Alpha	FILTER	Alpha/Beta (Gross)	9.99E-07	uCi/Sample		08/19/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	3.62E-06	uCi/Sample		08/19/08	09/03/08	09/08/08
W08F002692	S763800	Gross Alpha	FILTER	Alpha/Beta (Gross)	7.59E-07	uCi/Sample		08/26/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	6.51E-06	uCi/Sample		08/26/08	09/03/08	09/08/08
W08F002693	S765354	Gross Alpha	FILTER	Alpha/Beta (Gross)	3.63E-06	uCi/Sample		08/29/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	7.34E-07	uCi/Sample		08/29/08	09/03/08	09/08/08
W08F002694	S765356	Gross Alpha	FILTER	Alpha/Beta (Gross)	2.81E-07	uCi/Sample		08/29/08	09/03/08	09/08/08
		Gross Beta	FILTER	Alpha/Beta (Gross)	1.37E-07	uCi/Sample		08/29/08	09/03/08	09/08/08

RDL = Reporting Detection Limit

na, NA, N/A, void = Not Analyzed

RDL >= 2 x MDL

WSCF
ANALYTICAL COMMENT REPORT

Attention: Larry Diediker

Group#: 20080119

Sample #	Client ID	Lab Area	Test	Comment
				<p>Report results are based on the samples received by the laboratory. The laboratory cannot verify that these values are representative of the original material sampled. Calculated air concentrations are based on air volumes and/or sampling times as provided by the customer on the chain of custody. Results have not been corrected for lab or field blanks unless otherwise noted in the Analytical Comment Report. Method and Instrument QC were acceptable unless otherwise noted.</p>

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Report#: 20080119

Report Date: 9/15/2008

W0010_AnalyticalComment.rpt v1.31

WSCF Sample Site Cross-Reference Report

Date Printed: 15-Sep-2008

Group# 20080119

Sample#	Site Name	Sample ID
W08F002686	B748	S763795
W08F002687	F025	S763797
W08F002688	F026	S763798
W08F002689	S264	S748412
W08F002690	S289	S748411
W08F002691	T785	S763799
W08F002692	Y265	S763800
W08F002693	Z810	S765354
W08F002694	Z818	S765356

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-044-011	Page 1 of 1
Collector RadCon <i>James Franz</i>		Company Contact Joan Kessner		Telephone No. 375-4688		Project Coordinator KESSNER, JH	
Project Designation FDP - Air Filter Analysis		Sampling Location 107 N Quarterly Air Sample/ EDP code Y265		SAF No. RC-044		Price Code <i>9N</i> Data Turnaround <i>45 DAY</i>	
Ice Chest No. N/A		Field Logbook No. EL-1516-13		COA RD4MXX2F00		Method of Shipment Hand deliver - gov't vehicle	
Shipped To Waste Sampling & Characterization		Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A			
POSSIBLE SAMPLE HAZARDS/REMARKS <i>See attached ASER</i> Special Handling and/or Storage <i>N/A</i>		Preservation		None			
		Type of Container		Filter Env			
		No. of Container(s)		1			
		Volume		1g			
SAMPLE ANALYSIS				Gross Alpha:			
				Gross Beta			
Sample No.	Matrix *	Sample Date	Sample Time				
J17H19	GASEOUS	8-26-08	0732	✓			
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS			Matrix *
Relinquished By/Removed From <i>James Franz</i>	Date/Time <i>8-26-08 0810</i>	Received By/Stored In <i>J.R. Edmondson</i>	Date/Time <i>8-26-08 0810</i>	**Samples to be processed as NFM samples, but reported only to JH Kessner (MSIN: H4-21; or email). For questions contact JH Kessner 509-375-4688, EDP code Y265.			S=Soil SE=Soil/soil SO=Solid SI=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue W1=Wipe L=Liquid V=Vegetation X=Other
Relinquished By/Removed From <i>J.R. Edmondson</i>	Date/Time <i>8-26-08 1530</i>	Received By/Stored In <i>JA FRAZIM</i>	Date/Time <i>8/26/08 1530</i>				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
LABORATORY SECTION	Received By	Title		Date/Time			
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By		Date/Time			