

**SAF-RC-189
100N Field Remediation –
Soil Full Protocol
FINAL DATA PACKAGE**

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 5/28/14
INITIAL/DATE

COMMENTS:

SDG D1413749

SAF RC-189

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location: 100-N-93 Verification, Focused Samples



ANALYTICAL REPORT

Report Date: May 22, 2014

Joan Kessner
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Richland, WA 99354

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Workorder: **34-1413749**

Client Project ID: 100N Field Remediation

Purchase Order: RC-189-301

Project Manager: Kevin Griffiths

Analytical Results

Sample ID: J1TPT4		Collected: 05/15/2014
Lab ID: 1413749001	Sampling Location: 100-N-93	Received: 05/17/2014
Method: NIOSH 9002	Media: Bulk	Analyzed: 05/22/2014
Analyte	%	RL (%)
Chrysotile	ND	1.0
Amosite	ND	1.0
Crocidolite	ND	1.0
Actinolite/Tremolite	ND	1.0
Anthophyllite	ND	1.0

Report Authorization

Method	Analyst	Peer Review
NIOSH 9002	Peter P. Steen	Jeff Ward

Laboratory Contact Information

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ANALYTICAL REPORT

Workorder: **34-1413749**
 Client Project ID: 100N Field Remediation
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General Lab Comments

The results provided in this report relate only to the items tested.
 Samples were received in acceptable condition unless otherwise noted.
 Samples have not been blank corrected unless otherwise noted.
 This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ACCLASS (DoD ELAP)	ADE-1420	http://www.aiclasscorp.com
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdwl/labservice.htm
	Oklahoma	UT00009	http://www.deq.state.ok.us/CSDnew/
	Iowa	IA# 376	http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx
	Florida (TNI)	E871067	http://www.dep.state.fl.us/labs/bars/sas/qa/
	Texas (TNI)	T104704456-11-1	http://www.tceq.texas.gov/field/qa/lab_accred_certif.html
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
Lead Testing:			
CPSC	ACCLASS (ISO 17025, CPSC)	ADE-1420	http://www.aiclasscorp.com
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACCLASS (ISO 17025)	ADE-1420	http://www.aiclasscorp.com

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.
 LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.
 ND = Not Detected, Testing result not detected above the LOD or LOQ.
 NA = Not Applicable.
 ** No result could be reported, see sample comments for details.
 < This testing result is less than the numerical value.
 () This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.

Washington

1413749

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

RC-189-301

Collector *O. Stowe*

Party Contact *Joan Kessner*

Telephone No. *375-4688*

Project Coordinator *KESSNER, JH*

Price Code *7 DAY*

Data Turnaround

Project Designation *100N Field Remediation*

Sampling Location *100-N-93, VER, Focused samples*

SAF No. *RC-189*

Method of Shipment *1 Fets EX*

Ice Chest No. *102H-11-072*

Field Logbook No. *DUSHEA 5/14/14*

COA *000N932000*

Shipped To *ALS Laboratories Salt Lake City*

Offsite Property No. *A120660*

Bill of Lading/Air Bill No. *See OSPL*

Other Labs Shipped To *N/A*

POSSIBLE SAMPLE HAZARDS/REMARKS

None

Special Handling and/or Storage

None

Sample No.	Matrix	Sample Date	Sample Time	Sample Analysis	Preservation	Type of Container	No. of Container(s)	Volume
J1TPT4	SOIL	5-15-14	0747	Asbestos-Bulk - NIOSH 9002	None	P	1	250ml

CHAIN OF POSSESSION

Sign/Print Names

SPECIAL INSTRUCTIONS

Relinquished By/Removed From *Quincy Stowe* Date/Time *5-15-14 1037* Received By/Stored In *DUSHEA MUSHKA* Date/Time *5/15/14 1037*

Relinquished By/Removed From *DUSHEA MUSHKA* Date/Time *5/15/14 1710* Received By/Stored In *SM SEXTON* Date/Time *5/15/14 1710*

Relinquished By/Removed From *SM SEXTON* Date/Time *5/15/14 1715* Received By/Stored In *SM SEXTON* Date/Time *5/15/14 1715*

Relinquished By/Removed From *SM SEXTON* Date/Time *5/15/14 0725* Received By/Stored In *10100 Battelle Fridge 3B* Date/Time *5/15/14 0715*

Relinquished By/Removed From *10100 Battelle Fridge 3B* Date/Time *5/16/14 0725* Received By/Stored In *SM SEXTON* Date/Time *5/16/14 0715*

Relinquished By/Removed From *SM SEXTON* Date/Time *5/16/14* Received By/Stored In *FED EX* Date/Time *5/16/14*

Relinquished By/Removed From *SM SEXTON* Date/Time *5/16/14* Received By/Stored In *SM SEXTON* Date/Time *5/16/14*

FINAL SAMPLE DISPOSITION Disposal Method Disposed By Date/Time

