



December 3, 2021

Ms. Joyce Ackerman
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 8
Superfund and Emergency Management Division
1595 Wynkoop Street
Denver, CO 80202

**Subject: Data Validation Report
Selfridge Abandoned Buildings Site
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2071-2110-07
Document Tracking No. 0572a**

Dear Ms. Joyce Ackerman:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for eighteen building materials samples collected at the Selfridge Abandoned Buildings Site. The samples were collected November 9, 2021 and were analyzed for asbestos by Eurofins EMLab P&K. The final laboratory data package was received on November 17, 2021.

Analytical data were evaluated in general accordance with the Tetra Tech Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders and the EPA *NFG for Inorganic Superfund Methods Data Review* (January 2017).

No results were rejected or qualified in this data package. The results may be used as reported by the laboratory based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (612) 419-7266.

Sincerely,

A handwritten signature in black ink that reads 'Talaidh Isaacs'.

Talaidh Isaacs
Environmental Chemist

Enclosure

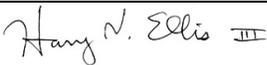
cc: Kevin Scott, Tetra Tech Program Manager
Lawrence Burns, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

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ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS EMLAB P&K REPORT NO. 2785834**

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT**

Site Name	Selfridge Abandoned Buildings Site	TO/TD No.	68HE0820D0001/2071-2110-07
Document Tracking No.	0572a	Technical Reviewer (signature and date)	 1 December 2021
Data Reviewer (signature and date)	 Nov 30 2021	Laboratory	Eurofins – EMLab P&K, Arvada CO
Laboratory Report No.	2785834		
Analyses	Asbestos by EPA Method 600/R-90-116		
Samples and Matrix	Eighteen bulk building materials samples		
Field Duplicate Pairs	NA		
Field QC Blanks	NA		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *NFGs for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No results were rejected or qualified in this data package. The results may be used as reported by the laboratory.

Data completeness:

Within Criteria	Exceedance/Notes
Y	The reported results were reviewed for completeness and accuracy based on data provided.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT**

Method blanks:

Within Criteria	Exceedance/Notes
NA	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
NA	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT**

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
NA	

Sample dilutions:

Within Criteria	Exceedance/Notes
NA	

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
NA	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [specify]:

Within Criteria	Exceedance/Notes
NA	

DATA VALIDATION CHECKLIST – STAGE 2A EPA REGION 8 START CONTRACT

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

SELFRIDGE ABANDONED BUILDINGS SITE BUILDING MATERIALS ANALYTICAL RESULTS SUMMARY
EUROFINS EMLAB P+K REPORT NO. 12269516

Sample ID	Sample Color	Sample Description	Homogeneity	Asbestos Type	Lab Result	Lab Qual	Units	Val Result	Val Qual
S-I-DWJC-01	White	Drywall with Brown Paper	Moderate		ND		%		U
S-I-DWJC-01	Off-White	Joint Compound	Moderate	Chrysotile	2		%	2	
S-I-ST01	White	Stucco	Good		ND		%		U
S-I-RT01	Black	Roofing Tar and Felt	Moderate	Chrysotile	10		%	10	
S-I-RF01	Black	Roofing Felt	Good		ND		%		U
S-A-FT01	Beige	Floor Tile	Moderate		ND		%		U
S-A-FT01	Black	Mastic	Moderate	Chrysotile	10		%	10	
S-A-DW01	White	Drywall with Brown Paper	Moderate		ND		%		U
S-A-DW01	Off-White	Compound	Moderate	Chrysotile	2		%	2	
S-M-SF01	Yellow	Sheet Flooring with Fibrous Backing	Good	Chrysotile	20		%	20	
S-M-FT01	Brown	Floor Tile	Moderate	Chrysotile	2		%	2	
S-M-FT01	Yellow	Mastic	Moderate		ND		%		U
S-M-FT02	Yellow	Mastic	Poor		ND		%		U
S-M-FT02	Red	Floor Tile	Poor	Chrysotile	2		%	2	
S-M-FT02	Semi-Transparent	Mastic	Poor		ND		%		U
S-M-FT03	Brown	Floor Tile	Moderate	Chrysotile	2		%	2	
S-M-FT03	Yellow	Mastic	Moderate		ND		%		U
S-L-RT01	Multicolored	Roofing Tar	Moderate	Chrysotile	5		%	5	
S-L-PL02	Gray	Plaster	Good		ND		%		U
S-L-ST01	Gray	Stucco	Good		ND		%		U
S-L-BM01	Gray	Mortar	Good		ND		%		U
S-L-BM02	Gray	Mortar	Good		ND		%		U
S-L-BM03	Gray	Mortar	Good		ND		%		U
S-L-PL01	Gray	Plaster	Good		ND		%		U
S-L-WM01	Black	Mastic	Good		ND		%		U