



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

Site Name	Telluride Valley Floor Removal Action	TO/TOLIN No.	71-2107-06
Document Tracking No.	NA	Technical Reviewer (signature and date)	 September 7, 2021
Data Reviewer (signature and date)	 9/2/2021	Laboratory	Eurofins TestAmerica/Phoenix, AZ
Laboratory Report No.	550-169727-1		
Analyses	Arsenic and lead by NIOSH 7303		
Samples and Matrix	Twelve air samples, including four field blanks and two duplicate pairs		
Field Duplicate Pairs	VF003082521/VF003082521D and VF001082121/VF001082121D		
Field Blanks	VF001082121FB, VF002082521FB, VFQC082521LB1, and VFQC082521LB2		

**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 *START V Programmatic Quality Assurance Project Plan* (October 2020) and the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review* (January 2017).

**OVERALL EVALUATION**

No rejection or qualification of data was required for this work order. The data can be used as reported by the laboratory.

**Data completeness:**

Within Criteria	Exceedance/Notes
Y	

**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
Y	

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**Method blanks:**

Within Criteria	Exceedance/Notes
Y	

**Field blanks:**

Within Criteria	Exceedance/Notes
Y	

**System monitoring compounds (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
Y	

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**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

**Sample dilutions:**

Within Criteria	Exceedance/Notes
NA	

**Re-extraction and reanalysis:**

Within Criteria	Exceedance/Notes
NA	

**MDLs/RLs:**

Within Criteria	Exceedance/Notes
Y	

**Tentatively identified compounds:**

Within Criteria	Exceedance/Notes
NA	

**Other [specify]:**

Within Criteria	Exceedance/Notes
NA	

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### 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.

TELLURIDE VALLEY FLOOR REMOVAL ACTION AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS TESTAMERICA REPORT NO. 550-169727-1

Samp_No	Analysis	Analyte	Lab Results	Lab_Qual	RL	Units	VAL_Result	VAL_Qual
VF001082121	NIOSH 7303	Arsenic	0.261 U		0.261	ug/m3	0.261 U	
VF001082121	NIOSH 7303	Lead	0.131 U		0.131	ug/m3	0.131 U	
VF001082121	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF001082121	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF001082121D	NIOSH 7303	Arsenic	0.263 U		0.263	ug/m3	0.263 U	
VF001082121D	NIOSH 7303	Lead	0.132 U		0.132	ug/m3	0.132 U	
VF001082121D	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF001082121D	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF001082121FB	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF001082121FB	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF001082521	NIOSH 7303	Arsenic	0.203 U		0.203	ug/m3	0.203 U	
VF001082521	NIOSH 7303	Lead	0.102 U		0.102	ug/m3	0.102 U	
VF001082521	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF001082521	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF002082121	NIOSH 7303	Arsenic	0.668 U		0.668	ug/m3	0.668 U	
VF002082121	NIOSH 7303	Lead	0.334 U		0.334	ug/m3	0.334 U	
VF002082121	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF002082121	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF002082521	NIOSH 7303	Arsenic	0.208 U		0.208	ug/m3	0.208 U	
VF002082521	NIOSH 7303	Lead	0.104 U		0.104	ug/m3	0.104 U	
VF002082521	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF002082521	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF002082521FB	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF002082521FB	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF003082121	NIOSH 7303	Arsenic	0.242 U		0.242	ug/m3	0.242 U	
VF003082121	NIOSH 7303	Lead	0.121 U		0.121	ug/m3	0.121 U	
VF003082121	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF003082121	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF003082521	NIOSH 7303	Arsenic	0.221 U		0.221	ug/m3	0.221 U	
VF003082521	NIOSH 7303	Lead	0.11 U		0.11	ug/m3	0.11 U	
VF003082521	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF003082521	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VF003082521D	NIOSH 7303	Arsenic	0.22 U		0.22	ug/m3	0.22 U	
VF003082521D	NIOSH 7303	Lead	0.11 U		0.11	ug/m3	0.11 U	
VF003082521D	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VF003082521D	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VFQC082521LB1	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VFQC082521LB1	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	
VFQC082521LB2	NIOSH 7303	Arsenic	0.5 U		0.5	ug/Sample	0.5 U	
VFQC082521LB2	NIOSH 7303	Lead	0.25 U		0.25	ug/Sample	0.25 U	