

L&RR PROJECT SUMMARY

TestAmerica Laboratories Job Numbers: 480-57835-1 & 480-58122-1

A Tier I plus validation was performed on the organic analytical data collected by Woodard & Curran, Inc. at the L&RR Site in North Smithfield, Rhode Island. The data validation was conducted in accordance with "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" June 2008; "EPA New England Environmental Data Review Supplement For Regional Data Review Elements and Superfund Specific Guidance/Procedures" April 2013, the Quality Assurance Project Plan (QAPP); and the referenced methods.

SDG	ANALYSES
480-57835-1	VOCs & 1,4-D
480-58122-1	VOCs & 1,4-D

VOCs=Volatile Organic Compounds by EPA Method 524.2 Rev. 4.1; 1,4-D=1,4-dioxane by EPA Method 522, modified

Field Sample ID	Accutest Laboratory ID
DW-1325 Pound Hill	480-57835-1
DW-1875 Pound Hill	480-57835-2
DW-1321 Pound Hill	480-57835-3
DW-1871 Pound Hill*	480-57835-4
DW-1317 Pound Hill	480-57835-5
DW-1867 Pound Hill	480-57835-6
DW-1313 Pound Hill	480-57835-7
DW-1863 Pound Hill	480-57835-8
DW-1309 Pound Hill	480-57835-9
DW-1859 Pound Hill	480-57835-10
DW-1305 Pound Hill	480-57835-11
DW-1855 Pound Hill	480-57835-12
DW-1363 Pound Hill	480-57835-13
DW-1913 Pound Hill	480-57835-14
DW-1375 Pound Hill	480-57835-15
DW-1925 Pound Hill	480-57835-16
TRIP BLANK	480-57835-17
DW-1431 Pound Hill	480-58122-1
DW-1981 Pound Hill	480-58122-2

*Incorrectly listed as DW-1371 Pound Hill on the chain-of-custody

The data were evaluated as a Tier I plus and were based on the following parameters:

Organics

- Holding times
- Sample preservation
- Blank results
- Surrogate recoveries
- Matrix spike and matrix spike duplicate results
- Field duplicates
- Laboratory control sample (and duplicate) results

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Organics

Holding Times

All samples for VOCs and 1,4-D were extracted and/or analyzed within technical holding times. No qualifications are applied to the data.

Sample Preservation

Samples were received at 2.8 and 3.3 degrees Celsius. No qualifications are applied to the data.

Blank Results

All VOCs and 1,4-D method blanks were non-detect (ND) for all target compounds. No qualifications are applied to the data.

VOCs field blank sample, TRIP BLANK (480-57835-17), was ND for all target compounds with the following exception:

Blank ID	Compound	Concentration	Impacted Samples	Qualifier
TRIP BLANK	Methylene chloride	1.16 µg/L	All 480-57835-1	None, samples ND

Surrogate Recoveries

All VOCs and 1,4-D surrogates met acceptance criteria. No qualifications are applied to the data.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

No VOCs or 1,4-D MS/MSD were performed on a sample from these analytical packages. No qualifications are applied to the data.

Field Duplicates

The VOCs and 1,4-D field duplicate samples DW-1325 Pound Hill (480-57835-1)/DW-1875 Pound Hill (480-57835-2), DW-1321 Pound Hill (480-57835-3)/DW-1871 Pound Hill (480-57835-4), DW-1317 Pound Hill (480-57835-5)/DW-1867 Pound Hill (480-57835-6), DW-1313 Pound Hill (480-57835-7)/DW-1863 Pound Hill (480-57835-8), DW-1309 Pound Hill (480-57835-9)/DW-1859 Pound Hill (480-57835-10), DW-1305 Pound Hill (480-57835-11)/DW-1855 Pound Hill (480-57835-12), DW-1363 Pound Hill (480-57835-13)/DW-1913 Pound Hill (480-57835-14), DW-1375 Pound Hill (480-57835-15)/DW-1925 Pound Hill (480-57835-16), and DW-1431 Pound Hill (480-58122-1)/DW-1981 Pound Hill (480-58122-2) met acceptance criteria. No qualifications are applied to the data.

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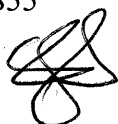
Laboratory Control Sample (and Duplicate) Results

All VOCs and 1,4-D laboratory control samples (LCS) or laboratory control samples/laboratory control sample duplicates (LCS/LCSD) met acceptance criteria with the following exceptions:

LCS/LCSD ID	Compound	%R/%R	QC Limits	Affected Sample	Qualifier
LCS 480-175533/6 LCSD 480-175533/7	t-Butyl alcohol	63/68	70-130%	All 480-57835-1	UJ

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Date:

4/30/2014