



January 10, 2013

Chuck Zimney Shaw Environmental 111 W Pleasant St Milwaukee, WI 53212

RE: Project: 133480

Pace Project No.: 10215819

## Dear Chuck Zimney:

Enclosed are the analytical results for sample(s) received by the laboratory on December 19, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

**Emily Hazelroth** 

Ship x chas

emily.hazelroth@pacelabs.com Project Manager

**Enclosures** 

cc: Accounts Payable, Shaw Environmental





Pace Analytical Services, Inc.

1700 Elm Street - Suite 200 Minneapolis, MN 55414

(612)607-1700

## **CERTIFICATIONS**

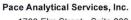
Project: 133480
Pace Project No.: 10215819

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01 Alaska Certification #: UST-078 Alaska Certification #MN00064 Arizona Certification #: AZ-0014 Arkansas Certification #: 88-0680 California Certification #: 01155CA Colorado Certification #Pace Connecticut Certification #: PH-0256 EPA Region 8 Certification #: Pace Florida/NELAP Certification #: E87605 Georgia Certification #: 959 Hawaii Certification #Pace Idaho Certification #: MN00064 Illinois Certification #: 200011 Kansas Certification #: E-10167 Louisiana Certification #: 03086 Louisiana Certification #: LA080009 Maine Certification #: 2007029 Maryland Certification #: 322
Michigan DEQ Certification #: 9909 Minnesota Certification #: 027-053-137 Mississippi Certification #: Pace

Montana Certification #: MT CERT0092
Nevada Certification #: MN\_00064
Nebraska Certification #: Pace
New Jersey Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: R-036A
Ohio VAP Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: 382
Wisconsin Certification #: 999407970





1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

## **SAMPLE SUMMARY**

Project:

10215819001

133480

1361 House (Basement)

Pace Project No.:	10215819
Lab ID	Sample ID

Matrix	Date Collected	Date Received	
 Air	12/18/12 17:45	12/19/12 09:20	



Pace Analytical Services, Inc.

1700 Elm Street - Suite 200 Minneapolis, MN 55414

(612)607-1700

# **SAMPLE ANALYTE COUNT**

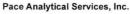
Project:

133480

Pace Project No.:

10215819

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10215819001	1361 House (Basement)	TO-15	CJR	61	PASI-M





1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

## **PROJECT NARRATIVE**

Project:
Pace Project No.:

133480 10215819

Method: TO-15

TO-15

Description: TO15 MSV AIR

Client:

Shaw Environmental & Infrastru

Date:

January 10, 2013

#### **General Information:**

1 sample was analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below.

#### **Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### **Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

QC Batch: AIR/16549

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- · LCS (Lab ID: 1361115)
  - 1,2,4-Trichlorobenzene
  - · Hexachloro-1,3-butadiene
  - Naphthalene

### **Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

#### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

## Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

#### **Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: AIR/16549

- L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
  - · LCS (Lab ID: 1361115)
    - Naphthalene
- L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
  - · LCS (Lab ID: 1361115)
    - 1,2,4-Trichlorobenzene
    - Hexachloro-1,3-butadiene

#### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### REPORT OF LABORATORY ANALYSIS

Page 5 of 13

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.

1700 Elm Street - Suite 200 Minneapolis, MN 55414

(612)607-1700

# **PROJECT NARRATIVE**

Project:

133480

Pace Project No.:

10215819

Method:

TO-15

**Description: TO15 MSV AIR** 

Client:

Shaw Environmental & Infrastru

Date:

January 10, 2013

#### **Additional Comments:**

**Analyte Comments:** 

QC Batch: AIR/16549

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- 1361 House (Basement) (Lab ID: 10215819001)
  - Ethanol

This data package has been reviewed for quality and completeness and is approved for release.