



## **PHASE II - METHANE GAS TEST**

**EDGE POINT III  
EAST SIDE of PEORIA STREET BETWEEN 11<sup>th</sup> & 13<sup>th</sup> AVENUE  
AURORA, COLORADO**



*Presented to:*

Mr. Harsh Parikh  
Parikh Stevens Architects  
3457 Ringsby Ct #209  
Denver, CO 80202

November 18, 2019

## TABLE OF CONTENTS

<b><u>EXECUTIVE SUMMARY</u></b> .....	2
<b><u>1. INTRODUCTION</u></b> .....	3
<b><u>1.1. Purpose</u></b> .....	3
<b><u>1.2. Scope of Services</u></b> .....	3
<b><u>1.3. Limitations and Exceptions</u></b> .....	4
<b><u>1.4. Special Terms and Conditions</u></b> .....	4
<b><u>1.5. User Reliance</u></b> .....	4
<b><u>2. GENERAL PROPERTY DESCRIPTION</u></b> .....	5
<b><u>2.1. Site and Vicinity General Characteristics</u></b> .....	5
<b><u>3. PHASE II ACTIVITIES</u></b> .....	7
<b><u>3.1. Preliminary Activities</u></b> .....	7
<b><u>3.2. Subsurface Investigation</u></b> .....	7
<b><u>4. FINDINGS, OPINIONS AND CONCLUSIONS</u></b> .....	8
<b><u>5. RECOMMENDATIONS</u></b> .....	8

## APPENDICES

APPENDIX 1 .....	Figures
APPENDIX 2 .....	Tables
APPENDIX 3 .....	Analytical Report
APPENDIX 4 .....	Photographs

## **EXECUTIVE SUMMARY**

Property Name: Edge Point III

Property Address: East Side of Peoria Street between East 11th Avenue and East 13th Avenue in Aurora, Colorado 80010

Strategic Environmental Management, LLC ("SEM") has performed a Phase II Limited Subsurface Site Assessment of the property located on the East Side of Peoria Street between East 11th Avenue and East 13<sup>th</sup> Avenue, herein referred to as the "Property". The purpose of this investigation was to assess possible environmental conditions that were identified by the Tri-County Health Department ("TCHD") that show two landfills AR-038 and AD-182 located within 800 feet to the north west of the Property. TCHD stated that methane from decomposing organic matter in old landfills may travel up to 1,000 feet from the source. Consequently, they recommended that a flammable gas investigation be conducted to determine if methane gas is present in the subsurface soils at the Property. The information provided in this Phase II report describes the work performed during the investigation and provides documentation of the factual findings of the investigation.

As shown on the attached Figure 1, the Property is an irregular shaped parcel that has approximately 11.35 acres of vacant land. The land is owned by the Beth Medrosh Hagodol Cemetery Association and is under a long term land lease with Nebo Redevelopment. The Property has been sitting idle for future use by the cemetery since 1937.

As a result, SEM recommended that a flammable gas investigation be conducted to determine if flammable gas (methane) is present in the subsurface soils at the Property.

### **Findings, Opinions and Conclusions**

In the subsurface investigation, four soil gas samples were collected at the Site. As shown in Table 1 no concentrations of methane higher than the laboratory detection levels were found.

### **Recommendations**

Based on this information, no further action at the Property is recommended.

## INTRODUCTION

### **Purpose**

The purpose of this investigation was to assess the condition and quality of the soil to determine if methane from nearby landfills was migrating to the Property.

### **Scope of Services**

The specific scope of services undertaken included the following:

#### Preliminary Activities

- *Health and Safety Plan*

Since the proposed work may involve hazardous substances and potentially dangerous conditions, it was necessary to develop a Health and Safety Plan that is specific to this site. The Occupational Safety and Health Administration (OSHA), under Hazardous Waste Operations & Emergency Response 29 CFR 1910.120, requires the development of this plan. The site Health and Safety Plan is designed to reduce the risk of physical or chemical exposures that may affect workers in the proposed work area. The site Health and Safety Plan includes information about chemicals expected on the site, health and safety procedures for working on-site and emergency response procedures.

- *Utility Markout*

Colorado requires that at least 72 hour notice prior to the initiation of any subsurface work (drilling, backhoe operation, etc.), that the local utility marking service be contacted and a utility inspection be performed at the Property. SEM contacted the Utility Notification Center of Colorado at 1-800-922-1987 to locate underground utilities at the Site. The Utility Notification Center of Colorado notified the individual utility owner companies (e.g., telephone, water, electric), and located the existing underground facilities.

#### Field Activities

The subsurface investigation that was conducted on November 19, 2015 consisted of using a stainless steel hand auger to advance borings in soils in four areas on the western edge

of the Property and test the shallow soils for methane by EPA Method 8015M. The location of the test boreholes identified as SGB-A1, SGB-A2, SGB-A3, and SGB-A4 is shown in Figure 1. The borings were all advanced to a total depth of 4.5 feet deep at each location.

### **Limitations and Exceptions**

- The scope of work completed was designed solely to meet the needs of SEM's Client. SEM shall not be liable for any unattended usage of this report by another party.
- No subsurface investigation can wholly eliminate uncertainty regarding the presence of contamination on a property. This assessment was designed to reduce, but not eliminate the potential for RECs at the property, within reasonable limits of time and cost.

### **Special Terms and Conditions**

There are no special terms and conditions associated with the assignments.

### **User Reliance**

This investigation was conducted on behalf of and for the exclusive use of Parikh Stevens Architects (Client). This report, and the findings contained herein, shall not, in whole or part, be disseminated or conveyed to or used by any other party without the prior written consent of SEM. SEM acknowledges and agrees that the report may be conveyed to and relied upon by the Client, its successors and assigns, rating agencies and bond investors.

## GENERAL PROPERTY DESCRIPTION

### Site and Vicinity General Characteristics

SEM has attempted to determine the general physical setting of the Property and vicinity. Information regarding the topography, surface water, geology and hydrology are used to evaluate the likelihood of hazardous substances or petroleum products migrating onto the Property from adjacent properties, within the Property or from the Property to off-site receptors. The information obtained is from readily accessible sources that describe the general area in which the Property is located. No other subsurface investigation or other testing was conducted at the property. Actual conditions may vary from general conditions in the area.

Property Elevation:	The Property is situated at approximately 5,402 feet above mean sea level.
Topography:	The Property is generally flat. The general area slopes downward very gently from south to north and east to west.
USGS Topographic Map:	The Property is covered by the 2013 United States Geologic Survey (USGS) Topographic Map - 39104-F7 Fitzsimmons, CO, Colorado 7.5 minute series.
On-Site Water Bodies:	No surface water bodies were observed on or bordering the Property.
Soil Type:	Information for soil in this area was obtained from the US Department of Agriculture. The dominant soil type in the area is the Weld, a silt loam. In addition, the U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) which leads the National Cooperative Soil, Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States, indicated that the first 6 feet of soil consists of a silt clay loam. This creates slow infiltration rates with moderately fine or fine textures.

Depth to Groundwater: Depth to the water table was determined to be at 25 to 45 feet below ground surface.

Anticipated Flow Direction: Groundwater at the Property is expected to flow from the south east to the north west towards the South Platte River. However, this gradient was overruled by a June 6, 2007 Groundwater Monitoring Report prepared by Western Environment and Ecology for the gas station located at 1395 Peoria Street, just north of the Subject Property that indicated that the groundwater flow was in a north east direction. A copy of this report will be provided upon request.

## **PHASE II ACTIVITIES**

### **Preliminary Activities**

#### Utility Clearance

A utility inspection was performed at the Site 72 hours prior to the initiation of the subsurface investigation, as required by Colorado law. SEM contacted the Utility Notification Center of Colorado at 1-800-922-1987 to locate underground utilities at the Site. The Utility Notification Center of Colorado notified the individual utility owner companies (e.g., telephone, water, electric), and located the existing underground facilities.

#### Health & Safety Plan

SEM developed a Health and Safety Plan that was specific to the Site. The development of this plan is required by the Occupational Safety and Health Administration (OSHA) under Hazardous Waste Operations & Emergency Response 29 CFR 1910.120. The Health and Safety Plan was designed to reduce the risk of physical or chemical exposures that may affect on-site workers in the proposed work area. The Health and Safety Plan includes information about chemicals expected on the property, health and safety procedures, and emergency response procedures. The Health and Safety Plan is on file at our office.

### **Subsurface Investigation**

The subsurface investigation was conducted on November 6, 2019 by advancing shallow borings on the western edge of the Property using a stainless steel hand auger. The location of these boreholes is shown on Figure 1. During the advancement of the boreholes, the general soil lithology encountered in all four boreholes was as follows:

- 0" to 18" – light brown clay
- 19" to 24" – extremely hard and tight light brown clay
- 25" to 48" – light brown, sandy clay

Due to the uniformity in the soil encountered no soil boring logs were prepared. Once the holes were completed to a depth of four and one-half feet, temporary sub-surface vapor points (SBG-A1 through SBG-A4) were constructed with a polyethylene screen approximately one-half inch in diameter and approximately one-inch in length. The



screens were connected to one-quarter inch diameter Teflon®-lined sample tubing via a quick connect push fitting. Sand was placed around and extended to the top of the screen followed by a cap of modeling clay was then placed around the annular space surrounding the tubing to create an airtight seal that was designed to prevent the intrusion of ambient air during sampling. The soil gas samples were collected over a one-hour period with six-liter Summa canisters. Prior to sampling, each monitoring point was purged of 200 cubic centimeters of air from the annulus surrounding the vapor point and the Teflon tubing. A Swagelok® connection fitting attached to the end of the tubing, which extended above ground level was then connected to the Summa canister. A summary of the sample collection metrics is provided on Table 1.

Chain-of-custody records were completed for the samples and included the sample description, date collected, time collected, matrix, sample container information, and analyses required. The samples were then shipped to Pace Analytical Services, LLC for testing at their laboratory located in Minneapolis, MN under standard chain-of-custody procedures. Collected vapor gas was tested and analyzed for Methane via EPA Method TO-3M.

#### Analytical Results

The subsurface investigation generated four air samples. Methane was not detected over the laboratory detection limit in any of the samples taken. The analytical results are summarized on Table 2 and Appendix 3 provides copies of the laboratory reports.

#### **Findings, Opinions and Conclusions**


As shown in Table 2, no Methane higher than the laboratory detection levels was found at the Property.

#### **Recommendations**

Based on this information, no further action at the Property is recommended.

# GAS PROBE LOCATION MAP



<div>GAS PROBE LOCATION</div>	<div>Scale:</div>	<div>1 " = 400 FEET</div>
<div>AURORA, COLORADO</div>	<div>FIGURE 1</div>	<div>  </div>

**TABLE 1****SUMMARY OF SUB-SURFACE SAMPLING METRICS**

**EDGE POINT III  
EAST SIDE of PEORIA STREET BETWEEN 11TH and 13TH AVENUE  
AURORA, COLORADO**

**November 6, 2019**

SAMPLE ID	APPROX PURGE VOLUME (Cubic Centimeters)	CANISTER SIZE (liters)	CANISTER #	FLOW CONTROL #	SAMPLE COLLECTION			
					START TIME	CANISTER VACUUM START	FINAL CANISTER VACUUM	FINISH TIME
						inches of Hg		
SBG-A1	200	6	2365	1286	9:15 AM	25.5	9	10:13 AM
SBG-A2	200	6	2819	1498	9:34 AM	25	7	10:34 AM
SBG-A3	200	6	961	1467	10:20 AM	26.5	7.5	11:20 AM
SBG-A4	200	6	2055	1484	10:40 AM	28	10	11:40 AM

**Table 2**

**GAS RESULTS**

**EAST SIDE OF PEORIA STREET BETWEEN 11TH and 13TH AVENUE, AURORA, CO**

**November 6, 2019**

	<b>Residential Remediation Goal</b>	<b>Residential Action Level</b>	<b>Worker Remediation Goal</b>	<b>Worker Action Level</b>	<b>SGB-A1</b>	<b>SGB-A2</b>	<b>SGB-A3</b>	<b>SGB-A4</b>
	<b>Date Sampled</b>				<b>6-Nov-19</b>	<b>6-Nov-19</b>	<b>6-Nov-19</b>	<b>6-Nov-19</b>
	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)
<b>Methane</b>	NV	NV	NV	NV	ND	ND	ND	ND

Notes:

Colorado Hazardous Materials and Waste Management Division Air Screening Concentrations Table

- Test Method : TO-3M (for methane)

- mg/m3 - milligrams per cubic meter, ppm - parts per million

-NV- No Value available

November 15, 2019

Patrick Lee  
Strategic Environmental Management, LLC  
5030 South Fulton Street  
Englewood, CO 80111

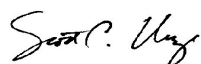
RE: Project: EDGE PT III  
Pace Project No.: 10498756

Dear Patrick Lee:

Enclosed are the analytical results for sample(s) received by the laboratory on November 08, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC 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,



Scott Unze  
scott.unze@pacelabs.com  
1(612)607-6383  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: EDGE PT III

Pace Project No.: 10498756

### Minnesota Certification IDs

A2LA Certification #: 2926.01  
Alabama Certification #: 40770  
Alaska Contaminated Sites Certification #: 17-009  
Alaska DW Certification #: MN00064  
Arizona Certification #: AZ0014  
Arkansas DW Certification #: MN00064  
Arkansas WW Certification #: 88-0680  
California Certification #: 2929  
CNMI Saipan Certification #: MP0003  
Colorado Certification #: MN00064  
Connecticut Certification #: PH-0256  
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137  
Florida Certification #: E87605  
Georgia Certification #: 959  
Guam EPA Certification #: MN00064  
Hawaii Certification #: MN00064  
Idaho Certification #: MN00064  
Illinois Certification #: 200011  
Indiana Certification #: C-MN-01  
Iowa Certification #: 368  
Kansas Certification #: E-10167  
Kentucky DW Certification #: 90062  
Kentucky WW Certification #: 90062  
Louisiana DEQ Certification #: 03086  
Louisiana DW Certification #: MN00064  
Maine Certification #: MN00064  
Maryland Certification #: 322  
Massachusetts Certification #: M-MN064  
Massachusetts DWP Certification #: via MN 027-053-137  
Michigan Certification #: 9909  
Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137  
Minnesota Petrofund Certification #: 1240  
Mississippi Certification #: MN00064  
Missouri Certification #: 10100  
Montana Certification #: CERT0092  
Nebraska Certification #: NE-OS-18-06  
Nevada Certification #: MN00064  
New Hampshire Certification #: 2081  
New Jersey Certification #: MN002  
New York Certification #: 11647  
North Carolina DW Certification #: 27700  
North Carolina WW Certification #: 530  
North Dakota Certification #: R-036  
Ohio DW Certification #: 41244  
Ohio VAP Certification #: CL101  
Oklahoma Certification #: 9507  
Oregon Primary Certification #: MN300001  
Oregon Secondary Certification #: MN200001  
Pennsylvania Certification #: 68-00563  
Puerto Rico Certification #: MN00064  
South Carolina Certification #: 74003001  
Tennessee Certification #: TN02818  
Texas Certification #: T104704192  
Utah Certification #: MN00064  
Vermont Certification #: VT-027053137  
Virginia Certification #: 460163  
Washington Certification #: C486  
West Virginia DEP Certification #: 382  
West Virginia DW Certification #: 9952 C  
Wisconsin Certification #: 999407970  
Wyoming UST Certification #: via A2LA 2926.01

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: EDGE PT III

Pace Project No.: 10498756

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10498756001	SGB-A1	Air	11/06/19 10:13	11/08/19 09:30
10498756002	SGB-A2	Air	11/06/19 10:34	11/08/19 09:30
10498756003	SGB-A3	Air	11/06/19 11:20	11/08/19 09:30
10498756004	SGB-A4	Air	11/06/19 11:40	11/08/19 09:30

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE ANALYTE COUNT

Project: EDGE PT III

Pace Project No.: 10498756

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10498756001	SGB-A1	TO-3 Air	CH1	1
10498756002	SGB-A2	TO-3 Air	CH1	1
10498756003	SGB-A3	TO-3 Air	CH1	1
10498756004	SGB-A4	TO-3 Air	CH1	1

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: EDGE PT III

Pace Project No.: 10498756

Sample: SGB-A1		Lab ID: 10498756001		Collected: 11/06/19 10:13		Received: 11/08/19 09:30		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO3 GCV AIR Meth,Ethane,Ethene		Analytical Method: TO-3 Air							
Methane	ND	ppmv	47.4	2.37		11/14/19 12:36	74-82-8		

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: EDGE PT III

Pace Project No.: 10498756

Sample: SGB-A2		Lab ID: 10498756002		Collected: 11/06/19 10:34		Received: 11/08/19 09:30		Matrix: Air	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR Meth,Ethane,Ethene		Analytical Method: TO-3 Air							
Methane	ND	ppmv	42.4	2.12		11/14/19 12:45	74-82-8		

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: EDGE PT III

Pace Project No.: 10498756

Sample: SGB-A3		Lab ID: 10498756003		Collected: 11/06/19 11:20		Received: 11/08/19 09:30		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO3 GCV AIR Meth,Ethane,Ethene		Analytical Method: TO-3 Air							
Methane	ND	ppmv	40.2	2.01		11/14/19 12:54	74-82-8		

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: EDGE PT III

Pace Project No.: 10498756

Sample: SGB-A4		Lab ID: 10498756004		Collected: 11/06/19 11:40		Received: 11/08/19 09:30		Matrix: Air	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR Meth,Ethane,Ethene		Analytical Method: TO-3 Air							
Methane	ND	ppmv	44.8	2.24		11/14/19 13:03	74-82-8		

## REPORT OF LABORATORY ANALYSIS

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

## QUALITY CONTROL DATA

Project: EDGE PT III

Pace Project No.: 10498756

QC Batch:	644862	Analysis Method:	TO-3 Air
QC Batch Method:	TO-3 Air	Analysis Description:	TO3 GCV AIR METH,ETHANE,ETHENE
Associated Lab Samples:	10498756001, 10498756002, 10498756003, 10498756004		

METHOD BLANK:	3471668	Matrix:	Air
Associated Lab Samples:	10498756001, 10498756002, 10498756003, 10498756004		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ppmv	ND	20.0	11/14/19 09:25	

LABORATORY CONTROL SAMPLE & LCSD:	3471669	3471670								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ppmv	1000	852	746	85	75	70-130	13	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: EDGE PT III  
Pace Project No.: 10498756

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

## REPORT OF LABORATORY ANALYSIS

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: EDGE PT III

Pace Project No.: 10498756

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10498756001	SGB-A1	TO-3 Air	644862		
10498756002	SGB-A2	TO-3 Air	644862		
10498756003	SGB-A3	TO-3 Air	644862		
10498756004	SGB-A4	TO-3 Air	644862		

## REPORT OF LABORATORY ANALYSIS

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



**Pace Analytical®**  
www.pacelabs.com

[illegible]

**10498756**

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 1	
Company: STRATEGIC ENVIRONMENTAL		Report To: STRATEGIC ENVIRONMENTAL		Attention: STRATEGIC ENVIRONMENTAL		Program: UST Superfund Emissions Clean Air Act	
Address: 5030 S. FULTON ST		Copy To: STRATEGIC ENVIRONMENTAL		Company Name: STRATEGIC ENVIRONMENTAL		UST Superfund Emissions Clean Air Act	
Email To: GUN, CO BOW		Purchase Order No.: 1000000000		Address: STRATEGIC ENVIRONMENTAL		Dry Clean RCRA Other	
Phone: 720 341 2200		Project Name: ENVIRONMENTAL		Pace Quote Reference: STRATEGIC ENVIRONMENTAL		Location of Sampling by State	
Fax: 720 341 2200		Project Number: 1000000000		Pace Project Manager/Sales Rep. STRATEGIC ENVIRONMENTAL		Reporting Units	
Requested Due Date/TAI: 10/10/2000		Valid Media Codes		Pace Profile #: 1000000000		Other	
Section D Required Client Information		Valid Media Codes		Pace Profile #: 1000000000		Other	
AIR SAMPLE ID		Valid Media Codes		Pace Profile #: 1000000000		Other	
Sample IDs MUST BE UNIQUE		Valid Media Codes		Pace Profile #: 1000000000		Other	
1		Valid Media Codes		Pace Profile #: 1000000000		Other	
2		Valid Media Codes		Pace Profile #: 1000000000		Other	
3		Valid Media Codes		Pace Profile #: 1000000000		Other	
4		Valid Media Codes		Pace Profile #: 1000000000		Other	
5		Valid Media Codes		Pace Profile #: 1000000000		Other	
6		Valid Media Codes		Pace Profile #: 1000000000		Other	
7		Valid Media Codes		Pace Profile #: 1000000000		Other	
8		Valid Media Codes		Pace Profile #: 1000000000		Other	
9		Valid Media Codes		Pace Profile #: 1000000000		Other	
10		Valid Media Codes		Pace Profile #: 1000000000		Other	
11		Valid Media Codes		Pace Profile #: 1000000000		Other	
12		Valid Media Codes		Pace Profile #: 1000000000		Other	
Comments:		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Test for methanase		RELINQUISHED BY / AFFILIATION		DATE		TIME	
TO-15		RELINQUISHED BY / AFFILIATION		DATE		TIME	
ORIGINAL		RELINQUISHED BY / AFFILIATION		DATE		TIME	
SAMPLER NAME AND SIGNATURE		RELINQUISHED BY / AFFILIATION		DATE		TIME	
PRINT Name of SAMPLER		RELINQUISHED BY / AFFILIATION		DATE		TIME	
SIGNATURE of SAMPLER		RELINQUISHED BY / AFFILIATION		DATE		TIME	
DATE Signed (MM/DD/YY)		RELINQUISHED BY / AFFILIATION		DATE		TIME	
TEMP IN °C		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Received on		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Ice		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Custody		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Sealed Cooler		RELINQUISHED BY / AFFILIATION		DATE		TIME	
Samples Intact		RELINQUISHED BY / AFFILIATION		DATE		TIME	

ORIGINAL





Document Name:  
Air Sample Condition Upon Receipt  
Document No.:  
F-MN-A-106-rev.19

Document Revised: 14Oct2019  
Page 1 of 1  
Issuing Authority:  
Pace Minnesota Quality Office

Air Sample Condition  
Upon Receipt

Client Name:

Strategic Env. Management

Project #:

WO#: 10498756

PM: SCU

Due Date: 11/22/19

CLIENT: Strategic Env

Courier:

☒ Fed Ex

☐ UPS

☐ USPS

☐ Client

☐ Pace

☐ Speedee

☐ Commercial

☐ See Exception

Tracking Number:

4638

0201

2677

Custody Seal on Cooler/Box Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Packing Material:

☐ Bubble Wrap

☐ Bubble Bags

☒ Foam

☐ None

☐ Tin Can

☐ Other:

Temp Blank rec:

☐ Yes

☒ No

Temp. (TO17 and TO13 samples only) (°C):

X

Corrected Temp (°C):

X

Thermometer Used:

☐ G87A9170600254

☐ G87A9155100842

Temp should be above freezing to 6°C

Correction Factor:

X

Date & Initials of Person Examining Contents:

11/8/19 CMJ

Type of ice Received

☐ Blue

☐ Wet

☒ None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>(N)</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12. There are Fe#s
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # ☒ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SGB-A1	2365	1286	-13	15					
SGB-A2	2819	1498	-11	15					
SGB-A3	0961	1467	-10	15					
SGB-A4	2055	1484	-12	15					

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: Patrick

Date/Time: 11/08/19

Field Data Required? ☐ Yes ☐ No

Comments/Resolution:

Methane only by TO-3M.

Project Manager Review:

Date: 11/08/19

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Photo 1:  
North Side Test – SBG-A1

Photo 2:  
SBG-A1

Photo 3:  
Air Vacuum Pump Removing air in  
lines

**Edge Point III - Vacant Land  
East Side of Peoria Street between  
11<sup>th</sup> & 13<sup>th</sup> Avenue  
Aurora, Colorado 80010**







Photo 4:  
Center Test – SBG-A2

Photo 5:  
Screened Vapor Point



Photo 6:  
Sealed Vapor Point

**Edge Point III - Vacant Land  
East Side of Peoria Street between  
11th & 13th Avenue  
Aurora, Colorado 80010**







Photo 7:  
South Side Test SBG-A4

Photo 8:  
Completing Vapor Test at the South  
End SBG-A4

Photo 3:  
No Photo

**Edge Point III - Vacant Land  
East Side of Peoria Street between  
11th & 13th Avenue  
Aurora, Colorado 80010**

